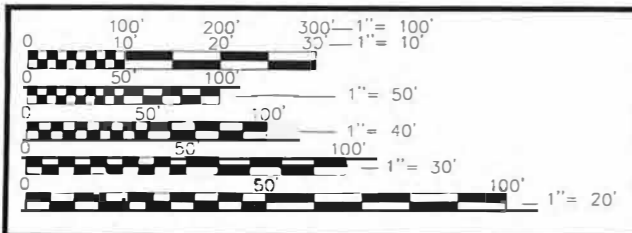


08-04-2023 LETTING ITEM 063

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PROPOSED IMPROVEMENT:
 STREET RESURFACING, PATH CONSTRUCTION, LANE REDUCTION, SIDEWALKS, DRIVEWAY APRONS, TRAFFIC SIGNALS, STORM SEWER SYSTEM AND ANY OTHER COLLATERAL WORK.

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



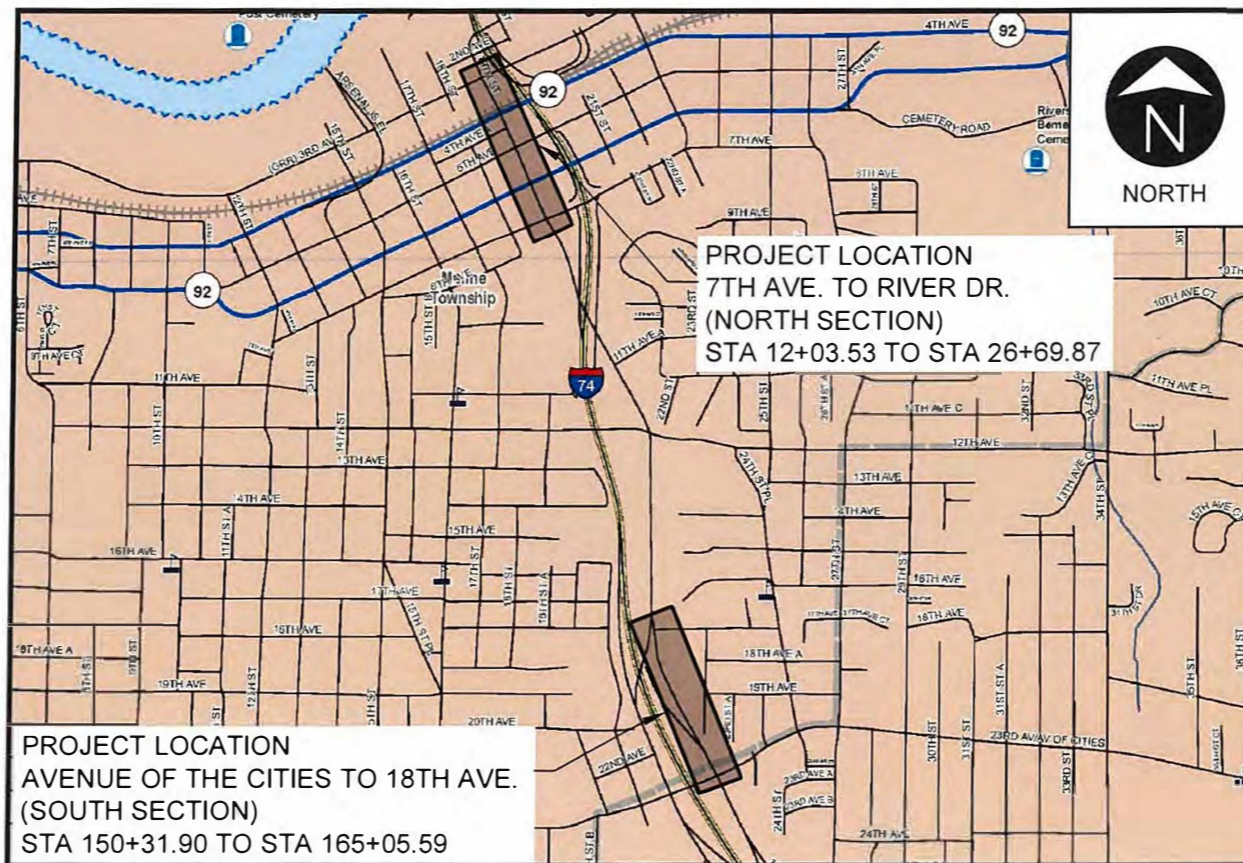
PROJECT MANAGER: SHANE LARSON, P.E.
 PROJECT ENGINEER: RYAN BRADLE, P.E.

CITY OF MOLINE, ILLINOIS
 CONSTRUCTION PLANS FOR

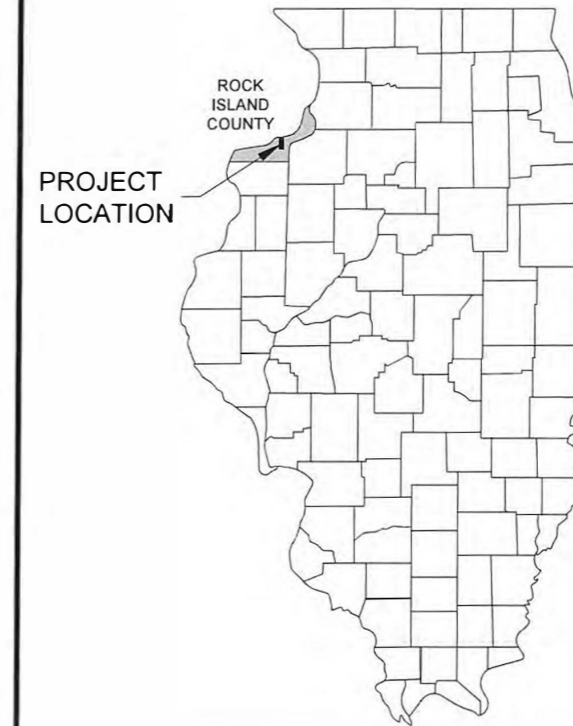
19TH ST. BIKE PATH CONSTRUCTION

FAU 5834 (19TH ST.) & FAU 5834A (19TH ST. ALT)
 (AVENUE OF THE CITIES TO 18TH AVE.
 AND 7TH AVE. TO RIVER DR.)

**SECTION 19-00271-00-BT
 ROCK ISLAND COUNTY**



PROJECT LOCATION MAP



FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL
 ADT = 4000 - 6850
 DESIGN SPEED = 40 MPH

**PROJECT NO. WYZV(774)
 JOB NO. C-92-057-22
 ITEP NO. 242005
 CONTRACT NO. 85744**

APPROVED May 23rd 20 23
Laura Klauer
 LOCAL AGENCY OFFICIAL

PASSED 6/5 20 23
Shane Larson
 DISTRICT TWO ENGINEER OF
 LOCAL ROADS & STREETS

Releasing For
 Bid Based on
 Limited Review 6/5 20 23
Shane Larson
 REGION TWO ENGINEER
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

AUTOCAD/CIVIL3D FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE CITY HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

TREES WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30, IN ACCORDANCE WITH THE NATURAL RESOURCES REVIEW FROM 8/6/2022 CONCERNING THE INDIANA BAT AND NORTHERN LONG-EARED BAT.

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

INCIDENTAL HOT-MIX ASPHALT SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE SURFACE COURSE MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 lb/sf
EXISTING PAVEMENT	0.08 lb/sf
FOG COAT (BETWEEN LIFTS)	0.08 lb/sf

SPECIFICATIONS FOR HOT-MIX ASPHALT MIXTURES

SURFACE COURSE

LOCATION(S) AND MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MAINLINE & ENTRANCES
AC/PG:	SBS 64-28
RAP%:	0%
DESIGN AIR VOIDS:	4.2% @ Ndes = 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5
FRICTION AGGREGATE:	MIX D

EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER & DRIVEWAY

EARTH EXCAVATION AND BACKFILL FOR PROPOSED CURB AND GUTTERS AND DRIVEWAY PAVEMENTS SHALL BE INCLUDED IN THE UNIT COST OF THE VARIOUS ITEMS.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

MISCELLANEOUS

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: THE STANDARD SPECIFICATIONS OR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2023 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE "2023 SUPPLEMENTAL SPECIFICATIONS" ADOPTED JANUARY 1, 2023 BY THE CITY OF MOLINE; AND THE SPECIAL PROVISIONS CONTAINED WITHIN THE BIDDING DOCUMENTS.

ALL POINTS OF POSSIBLE CONFLICT WITH UTILITIES ARE TO BE EXCAVATED AS NECESSARY TO VERIFY THE EXACT LOCATION AND ELEVATION BEFORE COMMENCEMENT OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE CONTRACTOR SHALL PROTECT ALL EXISTING SIDEWALK, PAVEMENT, LANDSCAPING, AND RETAINING WALLS THAT ARE NOT MARKED FOR REMOVAL. ANY DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EXISTING FIRE HYDRANTS AND VALVES SHALL REMAIN THE PROPERTY OF THE CITY OF MOLINE WATER DEPARTMENT.

THE REMOVAL, STORAGE, AND REINSTALLATION OF EXISTING SIGNS AND FENCING WITHIN THE CONSTRUCTION LIMITS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE CONTRACTOR SHALL NOTIFY INDIVIDUAL RESIDENTS PRIOR TO THE REMOVAL OF DRIVEWAYS OR TREES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE REMOVAL AND RECONSTRUCTION SCHEDULE OF DRIVEWAYS WITH INDIVIDUAL RESIDENTS IN ORDER TO MINIMIZE DISRUPTIONS TO DRIVEWAY ACCESS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE CONTRACTOR SHALL ENSURE THE CONTINUATION OF MAIL SERVICES AND GARBAGE COLLECTION SERVICES TO RESIDENTS THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY RESIDENTS PRIOR TO ANY CHANGES OR DISRUPTIONS IN THESE SERVICES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

ALL HONEYCOMBING AND/OR POROUS AREAS IN BACK OF CURB WILL BE CORRECTED AS DIRECTED BY THE ENGINEER. SLUMP NOT TO EXCEED 3". REQUIRED AIR, 5% - 8%. NO WATER MAY BE ADDED AT JOBSITE TO EXCEED THE DESIGN SLUMP. ALL TIE BARS, DOWEL BARS AND REINFORCING STEEL SHALL BE EPOXY COATED.

LIST OF IDOT HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 542401-04 METAL FLARED END SECTION FOR PIPE CULVERTS
- 602401-07 PRECAST MANHOLE, TYPE A, 4' (1.22 m) DIAMETER
- 604001-05 FRAME AND LIDS, TYPE 1
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 606401-02 PAVED DITCH
- 701006-05 OFF-RD OPERATIONS, 2L,2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701101-05 OFF-RD, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPE A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 782001-01 CURB REFLECTORS
- 814001-03 HANDHOLES
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 877001-08 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877011-10 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-11 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

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CITY OF MOLINE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
(309) 524-2350
3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH

19TH ST.

GENERAL NOTES & LIST OF IDOT STANDARDS

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer **RMB**

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SYMBOL LEGEND

EXISTING	SYMBOL NAME	PROPOSED	EXISTING	SYMBOL NAME	PROPOSED
	MAILBOX			GAS VALVE	
	MANHOLE			HANDHOLE	
	WATER SERVICE VALVE			ELECTRICAL JUNCTION BOX	
	VALVE & VALVE BOX			TELEPHONE JUNCTION BOX	
	VALVE VAULT			CABLE TELEVISION JUNCTION BOX	
	FIRE HYDRANT			GUY WIRE	
	REDUCER			UTILITY POLE	
	LIFT STATION			UTILITY POLE WITH LIGHT	
	CLEANOUT			STREET LIGHT	
	ALLEY CATCH BASIN			DECORATIVE LIGHT	
	CATCH BASIN			STREET SIGN	
	INLET SINGLE			OTHER SIGNS (SINGLE POST)	
	INLET DOUBLE			OTHER SIGNS (DOUBLE POST)	
	INLET TRIPLE			TRAFFIC CONTROL CABINET	
	CATCH BASIN SPECIAL			TRAFFIC SIGNAL	
	FLARED END SECTION			TRAFFIC MAST ARM	
	DIRECTION OF FLOW			PEDESTRIAN PUSH BUTTON	
	BUSH			BORING	
	DECIDUOUS TREE			PROPERTY PIN	
	EVERGREEN TREE			R.O.W. MARKER	
	STUMP				

LINETYPE LEGEND

LINETYPE	LINETYPE NAME
	100 CONTOURS
	EX ROW
	CENTER LINE
	W WATER MAIN
	W WATER SERVICE LINE
	Sanitary SEWER
	Storm SEWER
	PIPE UNDERDRAIN
	E ELECTRIC
	R RADIO
	G GAS
	CTV CABLE TELEVISION
	F0 FIBER OPTIC CABLE
	T TELEPHONE LINE
	Tree LINE
	X FENCE



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19TH ST. BIKE PATH

19TH ST.
LEGENDS

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11"X17" PAPER

SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer **RMB**

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03
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SUMMARY OF QUANTITIES

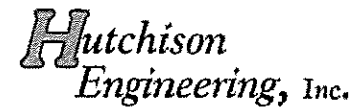
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	68	542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	46
20200100	EARTH EXCAVATION	CU YD	415	550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	15
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2196	550A0090	STORM SEWERS, CLASS A, TYPE 1, 18"	FOOT	3
* 25000210	SEEDING, CLASS 2A	ACRE	0.30	55100500	STORM SEWER REMOVAL 12"	FOOT	106
* 25000300	SEEDING, CLASS 3	ACRE	0.15	* 56109210	WATER VALVES TO BE ADJUSTED	EACH	8
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	41	* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	2
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	41	* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	41	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
* 25100115	MULCH, METHOD 2	ACRE	0.50	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	132	60255500	MANHOLES TO BE ADJUSTED	EACH	38
28000400	PERIMETER EROSION BARRIER	FOOT	968	60500050	REMOVING CATCH BASINS	EACH	4
28000500	INLET AND PIPE PROTECTION	EACH	38	60500060	REMOVING INLETS	EACH	14
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	56	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1997
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3214	60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	757
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	2312	* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	95
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	985	* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	9
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	426	* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1873	* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	438	67100100	MOBILIZATION	L SUM	1
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	43003	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	150
42400500	DETECTABLE WARNINGS	SQ FT	424	70300100	SHORT TERM PAVEMENT MARKING	FOOT	255
44000100	PAVEMENT REMOVAL	SQ YD	5829	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2212
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	310	70306100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE III TAPE	SQ FT	514
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	1585	70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	4150
44000600	SIDEWALK REMOVAL	SQ FT	19745	70306210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE III TAPE	FOOT	143
44003100	MEDIAN REMOVAL	SQ FT	1479	* 72000100	SIGN PANEL - TYPE 1	SQ FT	392
44004000	PAVED DITCH REMOVAL	FOOT	608	* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	171
44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	100	* 72900200	METAL POST - TYPE B	FOOT	171
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	200	* 78003151	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 12"	FOOT	3059
50105220	PIPE CULVERT REMOVAL	FOOT	46	* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	529
54262724	METAL FLARED END SECTIONS 24"	EACH	2	* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6761

* SPECIALTY ITEM

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19TH ST. BIKE PATH
19TH ST.
SUMMARY OF QUANTITIES (1 of 3)

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Project #4789
Designer RMB

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SUMMARY OF QUANTITIES

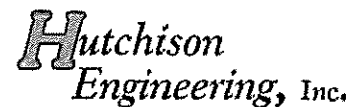
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1732	* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	251	* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	11
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	757	* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	598	* 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1811	* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	3
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6330	* 89502380	REMOVE EXISTING HANDHOLE	EACH	11
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	692	* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	251	* A2008820	TREE, ULMUS REGAL (REGAL ELM) 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	5
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	4282	* B2006215	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	578	* C2C10118	SHRUB, SPIREA JAPONICA GOLDMOUND (GOLD MOUND JAPANESE SPIREA), 18" HEIGHT, CONTAINER	EACH	64
* 78200020	CURB REFLECTORS	EACH	10	* C2C15761	SHRUB, SPIREA JAPONICA NEON FLASH (NEON FLASH JAPANESE SPIREA), 18" HEIGHT, 5-GALLON CONTAINER	EACH	128
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2808	* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	1.28
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	325	* X0322765	RELOCATE VIDEO DETECTION SYSTEM	EACH	1
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1211	* X0323265	REMOVE EXISTING RIPRAP	SQ YD	65
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	84	* X0325170	PLANTING BED PREPARATION	SQ FT	3079
* 81400100	HANDHOLE	EACH	3	* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8	* X1400235	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1
* 81702431	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8, 1/C NO. 8 GROUND	FOOT	129	* X1700128	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED)	SQ YD	237
* 86300400	CONTROLLER CABINET TYPE IV	EACH	1	* X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	SQ FT	1906
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4733	* X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	2706
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2326	* X4402800	ISLAND PAVEMENT REMOVAL	SQ YD	245
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1662	* X6024210	DOUBLE INLET (SPECIAL)	EACH	3
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1073	* X6024240	INLETS (SPECIAL)	EACH	9
* 87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	1	* X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	29
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1	* X6061460	PAVED DITCH (SPECIAL)	FOOT	605
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT	EACH	1	* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* 87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT	EACH	2	* X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18	* X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	8
* 87800415	CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FOOT	56	* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	34
* 87900200	DRILL EXISTING HANDHOLE	EACH	4	* X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	5
* 89040190	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	* X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2	* X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	3

* SPECIALTY ITEM

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19TH ST. BIKE PATH
19TH ST.
SUMMARY OF QUANTITIES (2 of 3)

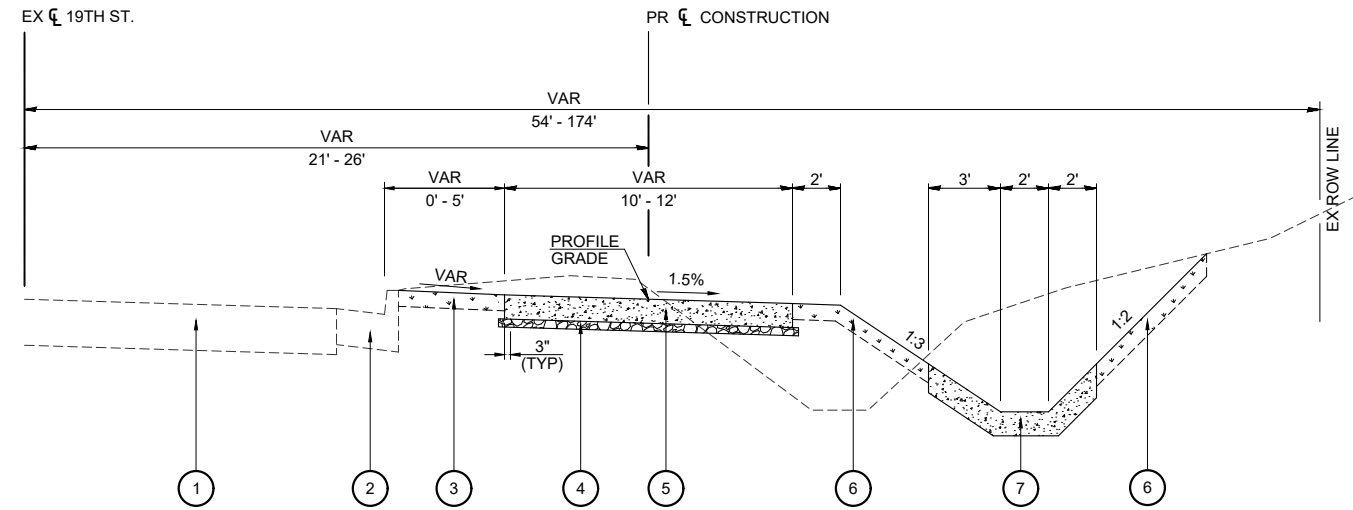
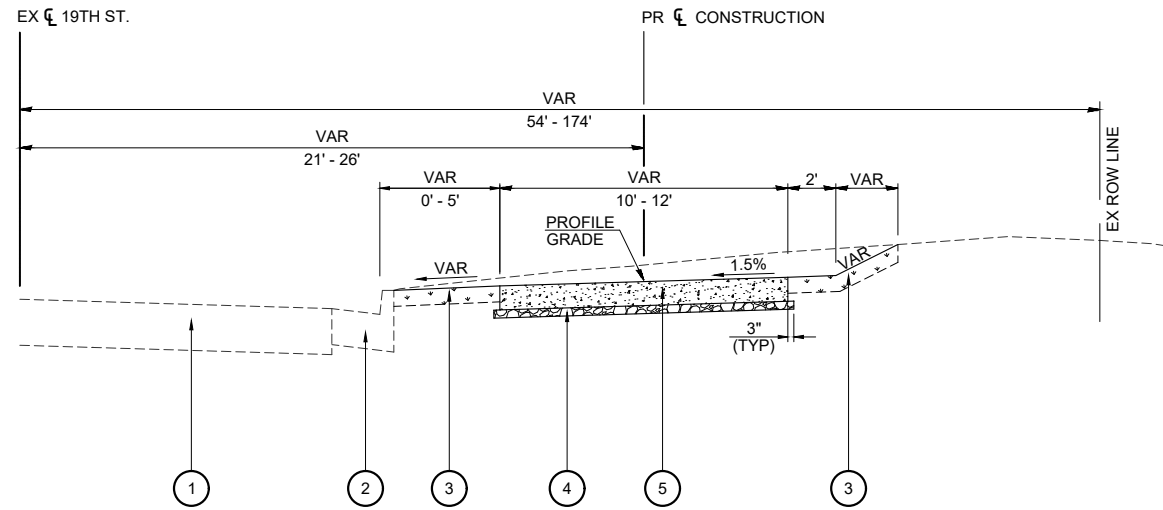
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PROPOSED TYPICAL SECTION

AVENUE OF THE CITIES TO ENTRANCE STA. 157+74.87

- ① EXISTING CONCRETE PAVEMENT (TO REMAIN)
- ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN)
- ③ SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
- ④ AGGREGATE BASE COURSE, TYPE B (2")
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SHARED-USE PATH / SIDEWALK)

PROPOSED TYPICAL SECTION

ENTRANCE STA. 157+74.87 TO 18TH AVE.

- ① EXISTING CONCRETE PAVEMENT (TO REMAIN)
- ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN)
- ③ SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
- ④ AGGREGATE BASE COURSE, TYPE B (2")
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SHARED-USE PATH / SIDEWALK)
- ⑥ SEEDING, CLASS 3 AND TOPSOIL FURNISH AND PLACE, 4"
- ⑦ PAVED DITCH (SPECIAL) (6")



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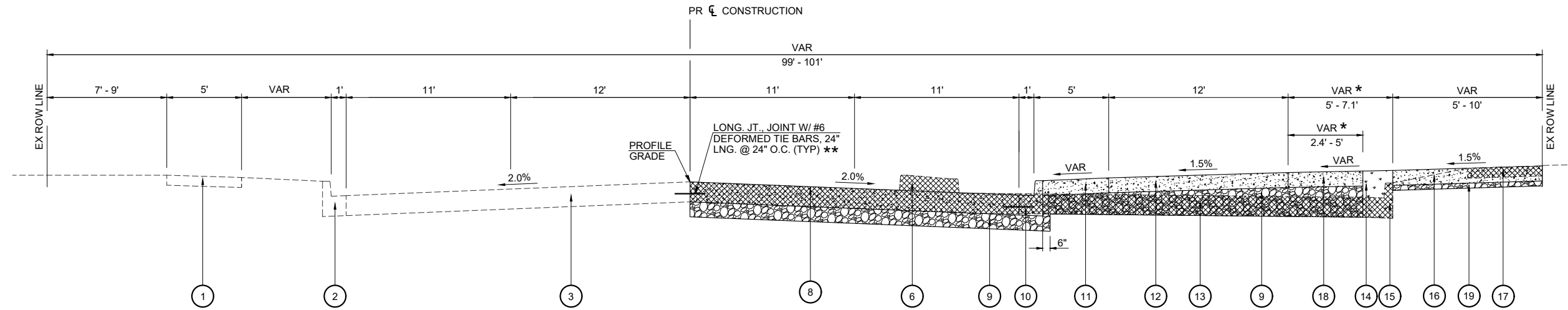
19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
TYPICAL SECTION (1 of 5)

DATE	REVISION

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PROPOSED TYPICAL SECTION
19TH ST.

7TH AVE. TO STA. 14+13.91

* LESS THAN 5': PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED 6 INCH OVER AGGREGATE BASE COURSE, TYPE B (VARIABLE DEPTH).
 5' AND GREATER: PLANTING MIX FURNISH AND PLACE, 36"
 ** TIE BARS ARE TO BE INSTALLED AT ALL CONSTRUCTION JOINTS.
 THE COST OF THE TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT PAY ITEMS.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT SIDEWALK, BRICK PATTERN, COLORED, 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" |
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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 TYPICAL SECTION (2 of 5)

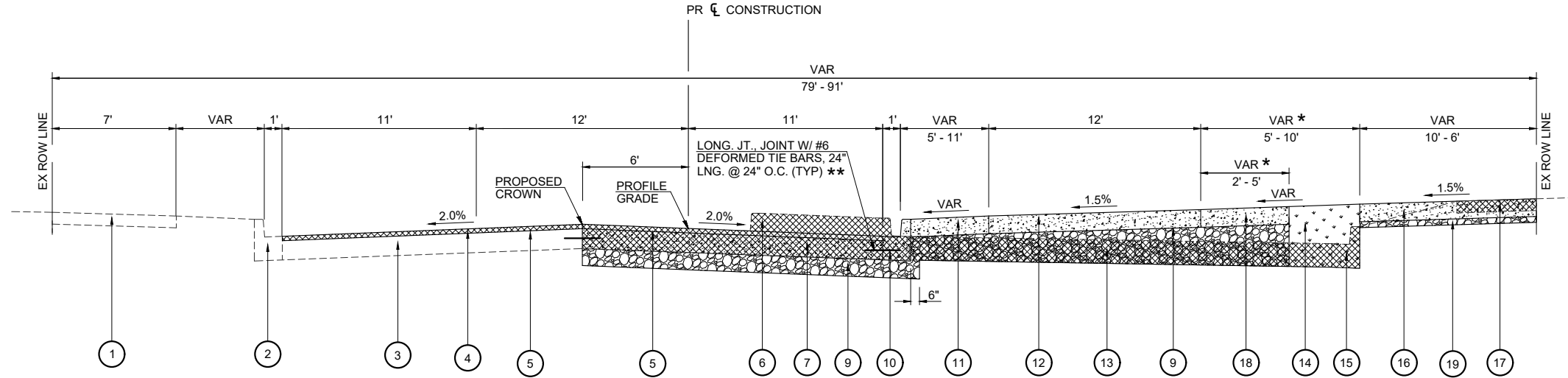
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**PROPOSED TYPICAL SECTION
19TH ST.**

STA. 14+13.91 TO 5TH AVE.
(FROM STA. 14+13.91 TO STA. 15+50.00, CROWN AND
PAVEMENT RECONSTRUCTION IS AT PR CL CONSTRUCTION
AND TRANSITIONS TO 6' LT AT STA. 15+75.00)

*LESS THAN 5': PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH
OVER AGGREGATE BASE COURSE, TYPE B (VARIABLE DEPTH).
5' AND GREATER: PLANTING MIX FURNISH AND PLACE, 36"
** TIE BARS ARE TO BE INSTALLED AT ALL CONSTRUCTION JOINTS.
THE COST OF THE TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT PAY ITEMS.

- | | |
|---|---|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, BRICK PATTERN, COLORED, 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" |
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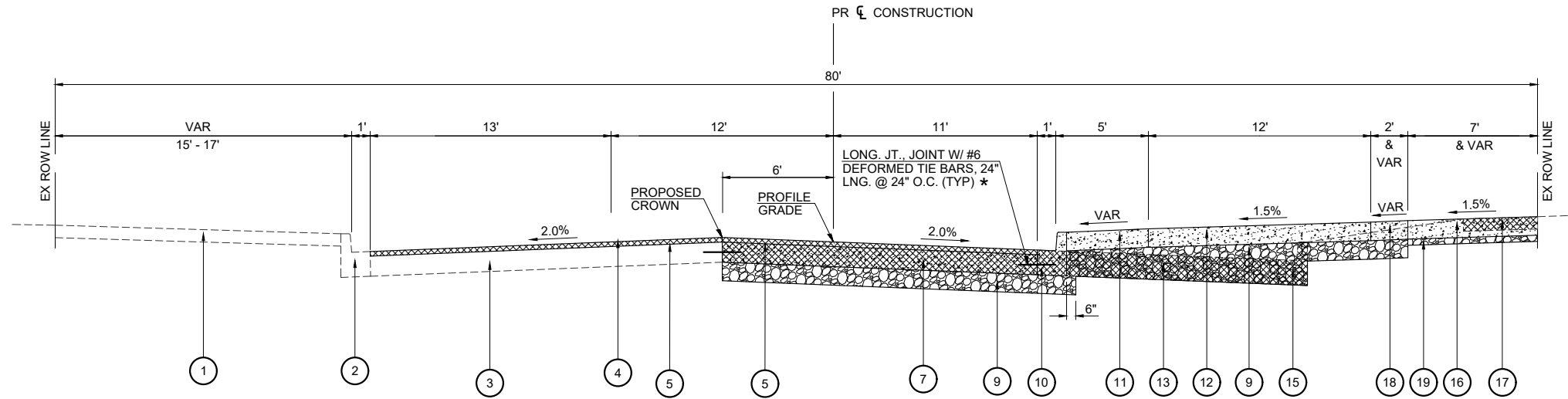
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
TYPICAL SECTION (3 of 5)

DATE	REVISION

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Designer **RMB**

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**PROPOSED TYPICAL SECTION
19TH ST.**

5TH AVE. TO 4TH AVE.

*TIE BARS ARE TO BE INSTALLED AT ALL CONSTRUCTION JOINTS.
THE COST OF THE TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT PAY ITEMS.

- ① EXISTING CONCRETE SIDEWALK (TO REMAIN)
- ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN)
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8")
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- ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH)
- ⑬ EXISTING PAVEMENT (TO BE REMOVED)
- ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36"
- ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED)
- ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED)
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2")
- ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"

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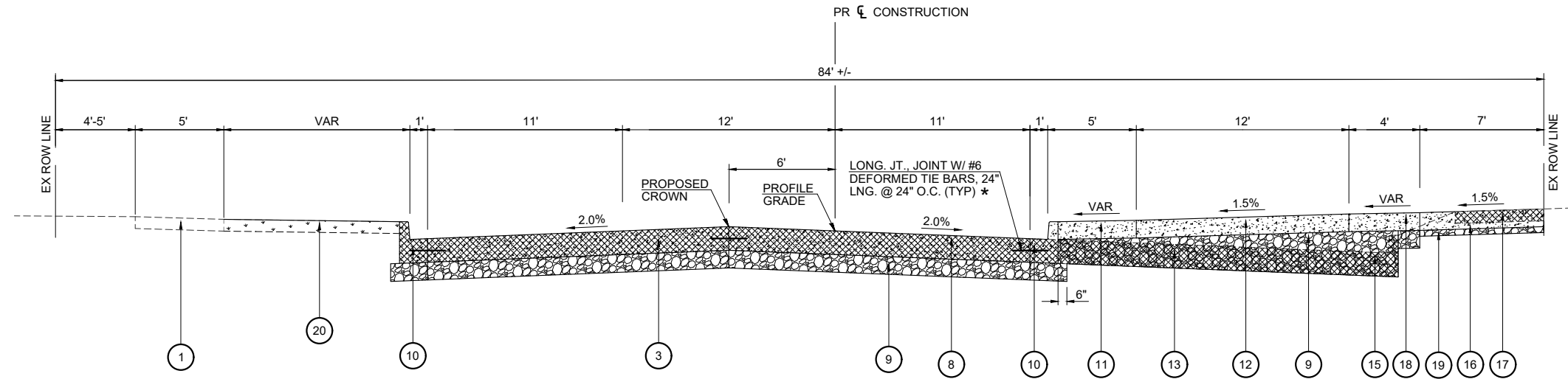
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
TYPICAL SECTION (4 of 5)

DATE	REVISION

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**PROPOSED TYPICAL SECTION
19TH ST.**

STA. 24+60.00 TO RIVER DR.

*TIE BARS ARE TO BE INSTALLED AT ALL CONSTRUCTION JOINTS.
THE COST OF THE TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT PAY ITEMS.

- | | |
|---|---|
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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
TYPICAL SECTION (5 of 5)

DATE	REVISION

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EARTHWORK									
1		2		3		4		5	
LOCATION		20200100		SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE		EMBANKMENT		EARTH BALANCE WASTE(+) OR SHORTAGE(-)	
STATION	TO	STATION	CU YD	STATION	CU YD	STATION	CU YD	STATION	CU YD
19TH ST (NORTH SECTION) *FOR INFORMATION ONLY*									
12+03.53	TO	26+69.87	982	737	20	717			
19TH ST (SOUTH SECTION)									
105+31.90	TO	165+05.59	414	311	215	96			
TOTAL			414	311	215	96			
USE			415	310	215	95			

SHRINKAGE FACTORS: 25%
EARTH EXCAVATION:
COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
CUT = EARTH EXCAVATION AND FILL = EMBANKMENT
COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)
COLUMN 5 (FURNISHED EXCAVATION) = COLUMN 3 - COLUMN 4

INLET AND PIPE PROTECTION				
LOCATION				28000500
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
12+95.4	25.8'	RT	1	
12+97.1	32.7'	LT	1	
14+69.2	24.9'	RT	1	
14+80.3	35.5'	LT	1	
14+91.4	46.8'	LT	1	
15+46.6	60.9'	LT	1	
15+58.4	23.6'	LT	1	
16+93.3	23.5'	LT	1	
16+93.8	11.3'	RT	1	
18+62.7	25.8'	LT	1	
18+65.7	25.9'	LT	1	
18+68.4	12.0'	RT	1	
18+72.3	12.6'	RT	1	
18+94.3	54.6'	LT	1	
18+94.9	58.4'	LT	1	
18+97.0	44.8'	RT	1	
19+17.4	54.0'	LT	1	
19+17.5	56.9'	LT	1	
19+20.8	44.9'	RT	1	
20+84.5	25.5'	LT	1	
20+86.2	11.2'	RT	1	
20+87.4	25.5'	LT	1	
20+90.1	11.2'	RT	1	
22+28.1	11.3'	RT	1	
22+28.8	25.6'	LT	1	
22+50.4	38.5'	LT	1	
26+46.0	22.0'	RT	1	
26+46.3	43.9'	LT	1	
26+62.0	43.8'	RT	1	
27+41.9	55.5'	RT	1	
TOTAL				38
USE				38

TOPSOIL, SEEDING, MULCH & NUTRIENTS											
LOCATION				21101615	28000250	25000210	25000300	25100115	25000400	25000500	25000600
STATION	TO	STATION	SIDE	TOPSOIL FURNISH AND PLACE 4"	TEMPORARY EROSION CONTROL SEEDING	SEEDING, CLASS 2A	SEEDING, CLASS 3	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
				SQ YD	POUND	ACRE	ACRE	ACRE	POUND	POUND	POUND
19TH ST (NORTH SECTION)											
12+34.6	TO	12+73.0	RT	23							
13+73.1	TO	14+83.1	RT								
15+50.5	TO	17+11.7	RT	12							
17+30.5	TO	18+06.7	RT								
23+84.4	TO	24+60.0	RT	126	9	0.03		0.03	3	3	3
24+60.0	TO	26+71.7	LT	242	15	0.05		0.05	5	5	5
27+42.3	TO	28+08.4	RT	70	3	0.01		0.01	1	1	1
TOTAL				2196	132	0.29	0.15	0.44	41	41	41
USE				2196	132	0.30	0.15	0.50	41	41	41
SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE TEMPORARY EROSION CONTROL SEEDING RATE OF APPLICATION: 100 LBS/ACRE (3 APPLICATIONS)											

STONE DUMPED RIPRAP, CLASS A4				
LOCATION				28100707
STATION	TO	STATION	SIDE	SQ YD
19TH ST (SOUTH SECTION)				
157+99.2	TO	158+69.9	RT	55.26
TOTAL				55.26
USE				56

PAVEMENT REMOVAL					
LOCATION					44000100
STATION	TO	STATION	SIDE	PAVEMENT	DECORATIVE CROSSWALK (STAGE 5)
					SQ YD
19TH ST (NORTH SECTION)					
12+03.5	TO	15+09.6	RT	1619.7	
					25.3
					21.8
15+46.7	TO	22+52.5	RT	2634.5	
					17.3
					28.5
					12.3
23+84.2	TO	26+69.9	RT	1469.5	
					16.4
TOTAL				5723.7	105.2
USE				5829	

19TH ST (SOUTH SECTION)				
STATION	TO	STATION	SIDE	UNIT
151+32.5	TO	151+32.5	LT	1
153+69.4	TO	153+69.4	LT	1
156+20.2	TO	156+20.2	LT	1
157+50.1	TO	157+50.1	RT	1
158+69.9	TO	158+69.9	LT	1
161+12.9	TO	161+12.9	LT	1
164+76.8	TO	164+76.8	RT	1
164+91.5	TO	164+91.5	LT	1
TOTAL				38
USE				38

PORTLAND CEMENT CONCRETE SIDEWALK											
LOCATION				35101400	42400300	XX008258	X4240440	42400800			
STATION	TO	STATION	SIDE	AGGREGATE BASE COURSE, TYPE B	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	DETECTABLE WARNINGS			
				TON	SQ FT	SQ FT	SQ FT	SQ FT			
19TH ST (NORTH SECTION)											
ISLAND @ SE QUAD 19TH ST & 7TH AVE											
12+55.25	TO	13+23.82	RT	14.9	24.6	14.0	656.2	221.4	91.3	42.4	
13+41.82	TO	15+07.02	RT	64.9	103.0	1711.7	1627.7	295.3	145.4	243.3	
15+48.03	TO	15+67.62	LT	5.4		315.7			56.8	56.8	
15+49.91	TO	17+11.74	RT	87.7	113.1	1878.7	1786.9	773.1	218.9	17.7	
17+30.56	TO	18+94.81	RT	77.5	111.1	1842.3	1755.2	376.3	186.7	292.9	
18+58.82	TO	18+93.96	LT	6.0		475.4				22.1	
19+17.92	TO	19+39.48	LT	3.7		292.0				13.9	
19+21.84	TO	22+50.03	RT	146.4	202.7	3125.3	3203.6	692.7	334.9	660.9	
22+23.18	TO	22+49.50	LT	3.6		280.7				23.5	
22+86.63	TO	23+06.14	RT	2.2		172.2				22.2	
22+91.71	TO	23+00.91	LT	0.5		39.5				13.8	
24+60.00	TO	24+89.59	RT	12.1	22.8	207.2	359.9	62.9	16.9	70.4	
25+10.62	TO	26+58.64	RT	69.7	78.7	1334.9	1243.1	267.1	127.3	440.5	
25+89.03	TO	26+43.67	LT	4.4		345.7				10.5	
27+47.17	TO	28+08.36	RT	1.6	40.2	126.1	636.0				
SUB-TOTAL				571.7	848.5	16723.0	23720.8	2558.8	1129.3	1905.8	424.0
TOTAL				1420.3		43002.6			1129.3	1905.8	424.0
USE				1421		43003			1130	1906	424
19TH ST (SOUTH SECTION)											
150+37.75	TO	154+00.00	LT & RT	46.6		3684.1					20.0
154+00.00	TO	157+60.69	LT & RT		54.2		4285.1				
157+88.94	TO	165+05.34	LT & RT		108.9		8601.9				16.5
SUB-TOTAL											
TOTAL											
USE											

PERIMETER EROSION BARRIER				
LOCATION				28000400
STATION	TO	STATION	SIDE	LENGTH FOOT
19TH ST (SOUTH SECTION)				
150+31.9	TO	157+61.4	RT	728.6
19TH ST (NORTH SECTION)				
12+34.1	TO	12+73.1	RT	47.4
15+65.0	TO	15+67.3	RT	15.9
25+87.6	TO	26+45.6	LT	70.8
27+52.0	TO	27+76.9	RT	47.6
27+60.2	TO	28+08.4	RT	57.4
TOTAL				967.6
USE				968

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH					
LOCATION				35101400	42300300
STATION	SIDE	AGGREGATE BASE COURSE, TYPE B	PCC DRIVEWAY PAVEMENT 7 INCH		
				TON	SQ YD
19TH ST (NORTH SECTION)					
13+32.80	RT	27.5	78.4		
17+22.00	RT	33.7	95.8		
25+00.10	RT	28.6	82.0		
19TH ST (SOUTH SECTION)					
157+74.87	LT & RT	49.6	141.8		
CONTINGENCY QUANTITY				13.9	39.8
TOTAL				153.3	437.9
USE				154	438

TREE REMOVAL (6 TO 15 UNITS DIAMETER)				
LOCATION				20100110
STATION	OFFSET	SIDE	UNIT	
19TH ST (NORTH SECTION)				
16+57.2	49.1'	RT	6	
16+81.8	47.6'	RT	6	
17+70.3	41.4'	RT	8	
18+11.4	38.7'	RT	8	
18+54.0	35.0'	RT	6	
19+80.1	34.4'	RT	12	
20+20.8	35.0'	RT	12	
20+60.7	34.8'	RT	10	
TOTAL				68
USE				68

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CITY OF MOLINE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
(309) 524-2350
3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST.
SCHEDULES OF QUANTITIES (1 of 6)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

SHEET
12
OF
143

DRIVEWAY PAVEMENT REMOVAL		
LOCATION		44000200
STATION	SIDE	PCC AREA (SQ YD)
19TH ST (NORTH SECTION)		
13+32.8	RT	31.3
14+60.9	RT	35.7
17+22.0	RT	38.2
25+00.1	RT	34.8
19TH ST (SOUTH SECTION)		
157+74.9	LT & RT	141.6
CONTINGENCY QUANTITY		28.2
TOTAL		309.7
USE		310

SIDEWALK REMOVAL				
LOCATION				44000600
STATION	TO	STATION	SIDE	SQ FT
19TH ST (NORTH SECTION)				
12+34.6	TO	13+22.6	RT	464.9
13+42.5	TO	14+46.4	RT	477.8
14+75.4	TO	15+07.3	RT	269.5
15+48.0	TO	15+67.6	LT	314.4
15+50.4	TO	17+12.0	RT	1532.5
17+31.4	TO	18+97.7	RT	2325.6
18+58.8	TO	18+94.0	LT	623.9
19+18.2	TO	19+39.5	LT	310.6
19+21.9	TO	22+50.0	RT	4672.1
22+23.3	TO	22+49.3	LT	280.1
22+88.0	TO	23+01.1	RT	67.0
22+94.0	TO	23+00.9	LT	33.5
24+60.0	TO	24+89.7	RT	143.0
25+10.5	TO	26+58.5	RT	731.9
25+89.0	TO	26+48.4	LT	287.3
27+47.2	TO	27+56.9	RT	124.0
19TH ST (SOUTH SECTION)				
150+31.9				
157+90.4	TO	165+05.6	LT & RT	3568.4
TOTAL				19745
USE				19745

PIPE CULVERT REMOVAL			
LOCATION			50105220
STATION	SIDE	SIZE & TYPE	FOOT
19TH ST (SOUTH SECTION)			
157+74.9	RT	24" CMP	46.0
TOTAL			46.0
USE			46

PAVEMENT									
LOCATION				35101400	40600295	40604160	X1700128	42000301	35300300
STATION	TO	STATION	SIDE	AGGREGATE BASE COURSE, TYPE B (6" MIN)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2")	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PORTLAND CEMENT CONCRETE BASE COURSE 8"
				TON	POUND	TON	SQ YD	SQ YD	SQ YD
19TH ST (NORTH SECTION)									
12+03.53	TO	14+13.91	LT & RT	295.7				865.5	
14+13.91	TO	14+83.08	LT & RT	61.7	85.5	32.8			180.7
S LEG 19TH ST & 6TH AVE				15.9			46.5		25.3
14+89.08	TO	15+49.91	LT & RT	166.7	207.8	79.6			487.9
N LEG 19TH ST & 6TH AVE				11.8			34.6		21.8
15+56.91	TO	18+79.59	LT & RT	229.7	291.6	111.8			672.2
S LEG 19TH ST & 5TH AVE				12.4			36.2		17.3
W LEG 19TH ST & 5TH AVE				30.6			25.6		
E LEG 19TH ST & 5TH AVE				25.9			28.5		28.5
18+86.09	TO	22+40.70	LT & RT	284.7	392.6	150.5			833.4
S LEG 19TH ST & 4TH AVE				8.5			25.0		12.3
22+46.70	TO	22+52.43	LT & RT	5.3	6.8	2.6			15.6
24+60.00	TO	26+38.42	LT & RT	255.3				747.3	
S LEG 19TH ST & RIVER DR				13.6			39.9		16.4
26+44.42	TO	26+69.87	LT & RT	88.7				259.7	
CONTINGENCY QUANTITY						50.0			
TOTAL				1506.6	984.2	427.3	236.2	1872.5	2311.4
USE				1507	985	428	237	1873	2312

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION				44000500
STATION	TO	STATION	SIDE	LENGTH FOOT
19TH ST (NORTH SECTION)				
12+06.4	TO	15+08.3	RT	390.1
15+47.3	TO	15+55.8	LT	28.8
15+50.6	TO	18+65.1	RT	356.3
19+43.8	TO	22+24.8	RT	281.8
23+84.3	TO	24+89.8	RT	109.2
24+60.0	TO	26+69.9	LT	290.6
25+10.5	TO	26+34.6	RT	127.7
TOTAL				1584.4
USE				1585

WATER VALVES TO BE ADJUSTED			
LOCATION			56109210
STATION	OFFSET	SIDE	EACH
19TH ST (NORTH SECTION)			
12+49.7	39.6'	LT	1
19+00.7	21.9'	LT	1
19+23.3	21.9'	LT	1
20+84.9	29.4'	RT	1
26+06.7	33.5'	LT	1
26+11.3	30.4'	LT	1
CONTINGENCY QUANTITY			2
TOTAL			8
USE			8

FIRE HYDRANTS TO BE MOVED			
LOCATION			56400100
STATION	OFFSET	SIDE	EACH
19TH ST (NORTH SECTION)			
15+79.3	49.1'	RT	1
26+05.9	36.5'	LT	1
TOTAL			2
USE			2

DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED			
LOCATION			56500600
STATION	OFFSET	SIDE	EACH
19TH ST (NORTH SECTION)			
15+50.2	30.5'	LT	1
TOTAL			1
USE			1

MANHOLES TO BE ADJUSTED				
LOCATION				60255500
STATION	OFFSET	SIDE	TYPE	EACH
19TH ST (NORTH SECTION)				
12+47.2	22.0'	RT	WATER	1
12+97.7	15.0'	RT	SS	1
14+07.4	25.6'	RT	SS	1
14+82.4	25.5'	RT	SS	1
14+83.5	23.7'	LT	SS	1
15+00.8	4.4'	LT	FIBER?	1
15+00.9	0.7'	RT	FIBER?	1
15+33.4	23.1'	LT	FIBER?	1
15+33.4	68.7'	RT	UNKNOWN	1
15+40.6	17.3'	RT	SANS	1
15+53.6	7.9'	RT	UNKNOWN	1
17+03.1	14.0'	RT	SS	1
17+12.7	16.0'	LT	FIBER	1
18+64.7	1.4'	LT	UNKNOWN	1
18+74.6	4.8'	RT	SS	1
19+05.1	1.4'	LT	SANS	1
19+14.0	46.3'	LT	WATER?	1
19+33.9	2.2'	RT	SS	1
20+10.1	23.5'	LT	SANS	1
20+82.6	20.4'	LT	SANS	1
20+83.9	1.7'	LT	SANS	1
21+01.3	2.8'	RT	SS	1
21+15.1	27.5'	LT	UNKNOWN	1
21+30.7	16.6'	LT	UNKNOWN	1
21+79.3	22.9'	LT	UNKNOWN	1
22+26.6	1.7'	RT	UNKNOWN	1
22+42.6	18.8'	RT	WATER?	1
22+43.5	20.7'	LT	UNKNOWN	1
22+45.6	2.1'	LT	SANS	1
22+52.8	22.2'	RT	SS	1
22+55.3	24.0'	LT	SS	1
25+02.7	7.2'	RT	SS	1
26+82.8	9.1'	RT	SS	1
26+65.4	27.2'	RT	WATER	1
26+69.1	10.1'	LT	WATER ?	1
19TH ST (SOUTH SECTION)				
151+38.0	2.8'	LT	SANS	1
CONTINGENCY QUANTITY				2
TOTAL				38
USE				38

ISLAND PAVEMENT REMOVAL				
LOCATION				X4402800
STATION	TO	STATION	SIDE	SQ YD
19TH ST (NORTH SECTION)				
NE QUADRANT 19TH ST & 7TH AVE				22.6
12+49.0	TO	13+26.1	RT	31.5
14+07.3	TO	14+97.9	RT	88.0
15+64.4	TO	16+42.4	RT	94.9
W SIDE RIVER DR @ 19TH ST				7.5
TOTAL				244.6
USE				245

REMOVING CATCH BASINS			
LOCATION			60500050
STATION	OFFSET	SIDE	EACH
19TH ST (NORTH SECTION)			
12+92.3	38.3'	RT	1
16+20.6	9.9'	RT	1
26+62.0	43.8'	RT	1
19TH ST (SOUTH SECTION)			
164+76.9	12.6'	RT	1
TOTAL			4
USE			4

REMOVING INLETS			
LOCATION			60500060
STATION	OFFSET	SIDE	EACH
19TH ST (NORTH SECTION)			
14+85.2	46.9'	RT	1
15+57.8	23.9'	LT	1
16+97.5	36.7'	RT	1
18+66.5	25.0'	RT	1
18+69.4	24.9'	RT	1
18+94.7	54.3'	LT	1
18+94.7	57.3'	LT	1
18+98.8	44.1'	RT	1
19+21.2	44.7'	RT	1
20+73.2	23.7'	RT	1
20+76.2	23.7'	RT	1
22+27.6	23.7'	RT	1
26+36.6	28.8'	RT	1
26+45.6	45.1'	LT	1
TOTAL			14
USE			14

GAS VALVE TO BE ADJUSTED				
LOCATION			Z0001110	
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
15+05.9	10.6'	LT	1	
15+59.0	35.1'	LT	1	
21+05.8	32.3'	LT	1	
22+45.3	28.0'	RT	1	
CONTINGENCY QUANTITY				1
TOTAL			5	
USE			5	

MEDIAN REMOVAL				
LOCATION				44003100
STATION	TO	STATION	SIDE	SQ FT
19TH ST (NORTH SECTION)				
13+25.7	TO	14+13.4	RT	476.15
16+23.0	TO	17+83.2	RT	1002.19
TOTAL				1478.34
USE				1479

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19TH ST. BIKE PATH

19TH ST.

SCHEDULES OF QUANTITIES (2 of 6)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

SHEET
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OF
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COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12					
LOCATION				35101400	60603800
STATION	TO	STATION	SIDE	AGGREGATE BASE COURSE, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
				TON	FOOT
19TH ST (NORTH SECTION)					
12+06.9	TO	15+10.0	RT	26.2	397.2
14+82.4	TO	14+90.6	LT	0.6	9.1
15+45.5	TO	15+55.8	LT	1.9	28.9
15+47.2	TO	18+99.3	RT	29.3	444.1
18+64.6	TO	18+95.6	LT	3.6	54.4
19+16.7	TO	19+44.1	LT	2.7	40.6
19+20.3	TO	22+52.7	RT	25.9	392.6
23+84.2	TO	26+66.2	RT	22.3	338.6
24+60.0	TO	26+73.3	LT	19.2	291.6
TOTAL				131.6	1997.0
USE				132	1997

INLETS					
LOCATION			X6024240	X6024210	
STATION	OFFSET	SIDE	INLETS (SPECIAL) EACH	DOUBLE INLET (SPECIAL) EACH	
19TH ST (NORTH SECTION)					
12+95.61	26.49'	RT	1		
14+69.04	25.58'	RT	1		
15+58.39	24.30'	LT	1		
16+93.76	12.00'	RT	1		
18+70.15	13.04'	RT		1	
18+93.82	56.62'	LT		1	
18+96.30	45.01'	RT	1		
19+21.46	44.99'	RT	1		
20+88.01	12.00'	RT		1	
22+28.04	12.00'	RT	1		
26+45.46	22.54'	RT	1		
26+46.00	44.66'	LT	1		
TOTAL			9	3	
USE			9	3	

REMOVE EXISTING RIPRAP					
LOCATION				X0323265	
STATION	TO	STATION	SIDE	SQ YD	
19TH ST (SOUTH SECTION)					
157+95.6	TO	158+02.6	RT	7.71	
158+27.3	TO	158+67.4	RT	57.21	
TOTAL				64.91	
USE				65	

MODIFIED URETHANE PAVEMENT MARKING																							
LOCATION				78009000	78009004				78009006				78009008	78009012				78009024					
STATION	TO	STATION	SIDE	LETTERS AND SYMBOLS				SOLID		SKIP DASH		RAILROAD DIAGONAL LINE	SOLID	DOTTED	SOLID	ISLAND EDGE LINE	ISLAND DIAGONAL LINE	SOLID		BIKE PATH STOP BAR	STOP BAR		
				ONLY	ARROWS	RAILROAD	BIKE PATH	LANE LINE	MEDIAN EDGE LINE	LANE LINE	LANE LINE		LANE LINE	LANE LINE	LANE LINE			LANE LINE	LANE LINE			LANE LINE	LANE LINE
				WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
19TH ST (NORTH SECTION)																							
11TH AVE A TO 7TH AVE				26.4				498.5							28.0	1000.0					42.0		
10+59.0	TO	12+62.1	RT												90.0								
11+44.8	TO	14+79.4	RT	35.2		36.4		93.0		126.3				38.1	36.0			250.4	119.2	65.2	12.0	103.0	
12+28.1	TO	14+77.4	LT	26.4				94.5	430.5	261.1				28.0					86.0			44.5	
WEST LEG 6TH AVE				8.8				24.3						6.5	6.5							52.5	
EAST LEG 6TH AVE														16.4	16.4								
15+47.2	TO	18+76.1	RT			36.4		45.0	321.3	154.0				33.1	72.0					63.2	12.0	22.4	
15+60.0	TO	18+76.6	LT	44.0				114.4	270.2					40.6								22.5	
WEST LEG 5TH AVE									34.7													13.3	
EAST LEG 5TH AVE									26.8													10.6	
19+42.6	TO	22+36.7	RT	6.5	57.6	36.4		182.0	142.7					11.8	63.0						12.0	22.0	
19+42.6	TO	20+82.9	LT	35.2				46.3	142.7					11.8								12.0	
WEST LEG 4TH AVE A									102.0														16.7
21+50.5	TO	22+20.1	LT	26.4				87.4	139.0														12.0
WEST LEG 4TH AVE														9.6									
EAST LEG 4TH AVE				11.8	8.8			50.0						1.2									33.6
22+91.9	TO	26+34.4	RT			36.4		57.0	147.0	188.7	331.0				30.0					107.8	12.0	14.6	
23+09.9	TO	26+23.4	LT	17.6	57.6			147.0			354.8					432.0	12.0				139.1	46.7	
WEST LEG RIVER DR								50.0			103.6	6.0											50.9
EAST LEG RIVER DR								50.0			102.0	25.9											43.0
27+51.8	TO	28+95.1	RT							164.7													
27+54.9	TO	28+90.9	LT	11.8	8.8			58.9	117.3		323.4												26.9
CONTINGENT QUANTITY					20.0			100.0	100.0			15.0	15.0			40.0							20.0
TOTAL				23.6	244.1	115.2	145.6	1551.2	2121.1	1391.9	1214.8	80.7	199.9	201.0	432.0	300.0	1000.0	250.4	119.2	450.2	139.1	48.0	597.2
USE					529						6761				1732		251		757			598	

PAVED DITCH REMOVAL					
LOCATION				44004000	
STATION	TO	STATION	SIDE	FOOT	
19TH ST (SOUTH SECTION)					
158+69.8	TO	164+83.6	RT	607.68	
TOTAL				607.68	
USE				608	

PAVED DITCH (SPECIAL)					
LOCATION				X6061460	
STATION	TO	STATION	SIDE	FOOT	
19TH ST (SOUTH SECTION)					
158+69.9	TO	164+80.9	RT	604.84	
TOTAL				604.84	
USE				605	

STORM SEWER REMOVAL 12"							
LOCATION						55100500	
STATION	OFFSET	TO	STATION	OFFSET	SIDE	FOOT	
19TH ST (NORTH SECTION)							
12+94.7	25.1'	TO	12+92.1	38.4'	RT	13.7	
14+82.4	25.5'	TO	14+85.2	47'	RT	21.6	
16+97.5	36.7'	TO	17+03.1	14'	RT	23.6	
18+67.9	24.7'	TO	18+72.4	12.6'	RT	10.7	
20+73.5	23.2'	TO	20+89.6	11.3'	RT	13.0	
26+36.5	27.7'	TO	26+45.2	21.4'	RT	13.0	
CONTINGENCY QUANTITY						9.5	
TOTAL						105.0	
USE						106	

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME					
LOCATION			60218300	60218400	
STATION	OFFSET	SIDE	OPEN LID	CLOSED LID	
19TH ST (NORTH SECTION)					
16+20.89	10.20'	RT		1	
22+27.58	22.69'	RT		1	
19TH ST (SOUTH SECTION)					
164+76.84	18.63'	RT	1		
164+76.85	12.58'	RT		1	
TOTAL			1	3	
USE			1	3	

PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)					
LOCATION				X4400100	
STATION	TO	STATION	SIDE	SQ YD	
19TH ST (NORTH SECTION)					
14+13.9	TO	14+83.1	LT	196.67	
14+99.1	TO	18+79.6	LT & RT	1442.36	
WEST LEG 5TH AVE				65.48	
EAST LEG 5TH AVE				44.75	
18+86.1	TO	22+40.7	LT & RT	941.49	
22+46.7	TO	22+52.4	LT	14.47	
TOTAL				2705.22	
USE				2706	

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19TH ST. BIKE PATH
19TH ST.
SCHEDULES OF QUANTITIES (3 of 6)

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11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

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SHEET
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OF
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PREFORMED PLASTIC PAVEMENT MARKING TYPE B - STANDARD - LINE 12" (CROSSWALKS)			
LOCATION		78003151	
		CROSSWALK	
		GREEN	WHITE
		FOOT	
19TH ST (NORTH SECTION)			
SOUTH LEG 19TH ST & 7TH AVE			210.0
WEST LEG 19TH ST & 7TH AVE			312.0
EAST LEG 19TH ST & 7TH AVE			542.9
NORTH LEG 19TH ST & 7TH AVE			168.0
SOUTH LEG 19TH ST & 6TH AVE			12.0
WEST LEG 19TH ST & 6TH AVE			114.0
EAST LEG 19TH ST & 6TH AVE	228.0		216.0
NORTH LEG 19TH ST & 6TH AVE			42.0
SOUTH LEG 19TH ST & 5TH AVE			19.5
EAST LEG 19TH ST & 5TH AVE	144.0		48.0
WEST LEG 19TH ST & 4TH AVE A			72.0
WEST LEG 19TH ST & 4TH AVE			87.9
EAST LEG 19TH ST & 4TH AVE			120.0
100' +/- NORTH OF 19TH ST & 4TH AVE			102.0
WEST LEG 19TH ST & RIVER DR			204.0
EAST LEG 19TH ST & RIVER DR			290.0
NORTH LEG 19TH ST & RIVER DR			126.0
TOTAL		372.0	2686.3
USE			3059

BOLLARDS				
LOCATION				Z0004002
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
13+02.7	36.2'	RT	1	
14+80.1	34.0'	RT	1	
15+59.7	33.5'	RT	1	
18+76.9	23.0'	RT	1	
19+44.7	23.0'	RT	1	
22+00.9	23.0'	RT	1	
24+66.0	31.0'	RT	1	
26+12.2	23.0'	RT	1	
27+56.3	47.7'	RT	1	
TOTAL			9	
USE			9	

CONCRETE MEDIAN, TYPE SM-4.24 & CURB REFLECTORS					
LOCATION		60622320		78200020	
		CONCRETE MEDIAN, TYPE SM-4.24		CURB REFLECTORS	
STATION	TO	STATION	SIDE	SQ FT	EACH
19TH ST (NORTH SECTION)					
ISLAND AT NORTHEAST QUADRANT OF 19TH ST & 7TH AVE					
12+00.9	TO	12+32.3	RT	757	10
TOTAL				757	10
USE				757	10

GROOVING FOR RECESSED PAVEMENT MARKING																
LOCATION				78011000	78011025			78011035		78011045	78011065			78011125		
STATION	TO	STATION	SIDE	LETTERS AND SYMBOLS			5"		7"		9"	13"			25"	
							SOLID	SKIP DASH	SOLID	DOTTED	SOLID	SOLID			SOLID	
				LANE LINE	MEDIAN EDGE LINE	LANE LINE	RAILROAD DIAGONAL LINE	LANE LINE	ISLAND EDGE LINE	ISLAND DIAGONAL LINE	MEDIAN DIAGONAL LINE	CROSSWALK	STOP BAR			
				"ONLY"	ARROWS	RAILROAD	FOOT									
19TH ST (NORTH SECTION)																
11TH AVE A TO 7TH AVE				519.7			498.5	497.1			28.0			210.0	42.0	
WEST LEG 7TH AVE														312.0		
EAST LEG 7TH AVE														542.9		
10+59.0	TO	12+62.1	RT							90.0						
11+44.8	TO	14+79.4	RT	113.6			93.0	126.3	38.1		36.0	250.4	119.2	65.2	105.4	103.0
12+28.1	TO	14+77.4	LT	85.2			525.0	261.1	26.8		28.0			86.0	198.0	44.5
WEST LEG 6TH AVE				28.4			24.3		13.0					114.0	52.5	
EAST LEG 6TH AVE									32.8					366.0		
15+47.2	TO	18+76.1	RT				366.3	154.0	33.1					63.2	91.0	22.4
15+60.0	TO	18+76.6	LT	227.1			384.6		40.6		28.0				124.0	22.5
WEST LEG 5TH AVE							34.7							77.5	13.3	
EAST LEG 5TH AVE							26.8							241.5	10.6	
19+42.6	TO	22+36.7	RT	29.5	19.2	164.7	324.7		11.8		12.0			144.0	22.0	
19+42.6	TO	20+82.9	LT		170.3		189.0		11.8		12.0					
WEST LEG 4TH AVE A							102.0							72.0	16.7	
21+50.5	TO	22+20.1	LT	29.5	28.4		226.4							49.1	12.0	
WEST LEG 4TH AVE									9.6					84.0		
EAST LEG 4TH AVE				29.5	28.4		50.0		1.2					120.0	33.6	
22+91.9	TO	26+34.4	RT				204.0	519.7			14.0			107.8	30.0	14.6
23+09.9	TO	26+23.4	LT	29.5	85.2	164.7	147.0	354.8			432.0	12.0		139.1	72.0	46.7
WEST LEG RIVER DR							50.0	103.6	6.0					204.0	50.9	
EAST LEG RIVER DR							50.0	102.0	25.9					290.0	43.0	
27+51.8	TO	28+95.1	RT					164.7						128.0	66.0	
27+54.9	TO	28+90.9	LT	29.5	28.4		176.2	323.4						60.0	26.9	
TOTAL				147.5	1333.7	329.4	3472.4	2606.7	250.7	432.0	260.0	250.4	119.2	589.3	3573.4	577.2
USE					1811			6330		692	251		4282		578	

CONCRETE MEDIAN (SPECIAL)	
LOCATION	X6060714 SQ FT
19TH ST (NORTH SECTION)	
W SIDE RIVER DR @ 19TH ST	28.6
TOTAL	
USE	29

PIPE CULVERTS AND END SECTIONS							
LOCATION						54262724	542D0229
STATION	OFFSET	TO	STATION	OFFSET	SIDE	METAL FLARED END SECTIONS 24"	PIPE CULVERTS, CLASS D, TYPE 1, 24"
						EACH	FOOT
19TH ST (SOUTH SECTION)							
157+51.7	13.5'	TO	157+96.3	13.3	RT	2	46
TOTAL						2	46
USE						2	46

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CITY OF MOLINE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
(309) 524-2350
3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST.
SCHEDULES OF QUANTITIES (4 of 6)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

SHEET
15
OF
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SIGNS PANELS AND METAL POSTS								
LOCATION		MUTCD SIGN DESIGNATION	SIGN SIZE (in.)	72000100	72800100	72900200	70077800	
STATION	SIDE			SIGN PANEL TYPE 1	TELESCOPING STEEL SIGN SUPPORT	METAL POST TYPE B	WOOD POST	
				SQ FT	FOOT	FOOT	EACH	
19TH ST (NORTH SECTION)								
200+/- N of 11TH AVE A		W9-2	36 x 36	9.00		14.00		
562+/- S of 7TH AVE		"SIGN H"	48 x 48	16.00		16.65		
390+/- S of 7TH AVE		R3-7R	36 x 36	9.00		14.00		
212+/- S of 7TH AVE		R3-5R	30 x 36	9.00		14.00		
13+02	RT	D11-1 (2 ea)	24 x 18	6.00	12.58			
13+02	RT	M4-14	12 x 6	0.50				
13+02	RT	M6-2	12 x 9	0.75				
13+02	RT	M4-6	12 x 6	0.50				
13+15	RT	D11-2	24 x 18	2.25	12.08			
13+15	RT	M6-2	12 x 9	0.75				
14+78	LT	R6-2L	30 x 36	9.00		ON MAST ARM		
15+84	RT	R6-2R	30 x 36	9.00		ON MAST ARM		
21+51	RT	W10-1	36 DIA	7.00		14.00		
22+00	RT	D11-2	18 x 18	2.25	12.08			
22+00	RT	M6-2	12 x 9	0.75				
22+03	RT	D11-1 (2 ea)	24 x 18	6.00				
22+03	RT	M4-6	12 x 6	0.50				
22+03	RT	M4-14	12 x 6	0.50	13.83			
22+03	RT	M6-2	12 x 9	0.75				
22+36	LT	R6-2R	30 x 36	9.00			ON MAST ARM	
22+36	RT	W10-1101	18 x 24	3.00			ON MAST ARM	
22+95	RT	W10-1101	18 x 24	3.00		ON SIGNAL POST		
22+95	RT	W25-2	24 x 30	5.00		ON MAST ARM		
22+95	RT	R6-2L	30 x 36	9.00		ON MAST ARM		
23+06	LT	W10-1101	18 x 24	3.00		ON SIGNAL POST		
23+10	LT	W25-2	24 x 30	5.00		14.00		
23+20	RT	R8-8	24 x 30	5.00		14.00		
23+22	LT	R8-8	24 x 30	5.00		14.00		
23+42	LT	R8-8	24 x 30	5.00		14.00		
23+46	RT	R8-8	24 x 30	5.00		14.00		
23+58	LT	R10-11	24 x 30	5.00		ON SIGNAL POST		
23+69	LT	R10-6L	24 x 30	6.00		14.00		
24+59	LT	W10-1	36 DIA	7.00		14.00		
24+61	RT	D11-1	24 x 18	3.00	12.58			
24+61	RT	M4-14	12 x 6	0.50				
24+61	RT	M6-2	12 x 9	0.75				
24+63	RT	D11-1	24 x 18	3.00				
24+63	RT	M4-6	12 x 6	0.50	11.83			
24+73	RT	D11-2	24 x 18	2.25				
24+73	RT	M6-2	12 x 9	0.75				
26+13	RT	D11-2	24 x 18	2.25		13.58		
26+13	RT	M6-2	12 x 9	0.75				
26+13	RT	D11-1	24 x 18	3.00				
26+13	RT	M4-6	12 x 6	0.50				
26+21	RT	D11-1	24 x 18	3.00	14.58			
26+21	RT	M4-14	12 x 6	0.50				
26+21	RT	M6-2	12 x 9	0.75				
27+63	RT	D11-1 (2 ea)	24 x 18	6.00				
27+63	RT	M4-14	12 x 6	0.50	14.58			
27+63	RT	M6-2	12 x 9	0.75				
27+63	RT	M4-6	12 x 6	0.50				
7TH/19TH	INTRSCT	D3-1 (4 ea)	72 x 18	36.00			ON MAST ARMS	
6TH/19TH	INTRSCT	D3-1 (4 ea)	72 x 18	36.00		ON MAST ARMS		
4TH/19TH	INTRSCT	D3-1 (4 ea)	72 x 18	36.00		ON MAST ARMS		
RIVER/19TH	INTRSCT	D3-1 (4 ea)	72 x 18	36.00		ON MAST ARMS		
19TH ST (SOUTH SECTION)								
151+92	RT	M3-4	36 x 18	4.50	1.0			
151+92	RT	M3-4	36 x 18	4.50				
151+92	RT	M1-1	36 x 36	9.00				
151+92	RT	M1-4	36 x 36	9.00				
151+92	RT	M6-2	30 x 21	4.38	13.83			
153+97	LT	M6-2	30 x 21	4.38				
153+97	LT	D11-1 (2 ea)	24 x 18	6.00				
153+97	LT	M4-14	12 x 6	0.50				
153+97	LT	M4-6	12 x 6	0.50	13.95			
164+00	RT	W1-1	30 x 30	4.00				
164+87	LT	D11-1 (2 ea)	24 x 18	6.00				
164+87	LT	M4-6	12 x 6	0.50				
164+87	LT	M4-14	12 x 6	0.50	13.83			
TOTAL				391.51		171.45	170.65	1.00
USE				392		171	171	1

FROM GROUND TO BOTTOM OF SIGNS ARE 7' AT ALL LOCATIONS.

TREES, PLANTS, GRASS, PLANTING MIX & MULCH SPECIAL										
LOCATION				X0325170	XX009361	A2008920	B2006216	C2C10118	C2C15761	K0012990
STATION	TO	STATION	SIDE	PLANTING BED PREPARATION	MULCH, SPECIAL	TREE, ULMUS REGAL (REGAL ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	SHRUB, SPIREA JAPONICA GOLDMOUND (GOLD MOUND JAPANESE SPIREA), 18" HEIGHT, 5-GALLON CONTAINER	SHRUB, SPIREA JAPONICA NEON FLASH (NEON FLASH JAPANESE SPIREA), 18" HEIGHT, 5-GALLON CONTAINER	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT
				SQ FT	SQ YD	EACH	EACH	EACH	EACH	UNIT
19TH ST (NORTH SECTION)										
12+71.1	TO	12+86.5	RT	59.0	6.6			2	4	0.05
13+73.1	TO	14+83.1	RT	700.5	77.8	2	1	16	32	0.32
15+59.3	TO	18+06.7	RT	1699.2	188.8	3	3	32	64	0.64
22+02.6	TO	22+40.2	RT	382.8	42.5			8	16	0.16
26+08.5	TO	26+38.4	RT	237.7	26.4			6	12	0.11
TOTAL				3079.2	342.1	5	4	64	128	1.28
USE				3079	342	5	4	64	128	1.28

REMOVE AND RE-ERECT EXISTING LIGHTING UNIT									
LOCATION									X8440120
FROM	STATION	OFFSET	SIDE	TO	STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)									
FROM	13+05.7	43.6'	RT	TO	12+89.9	43.6'	RT	1	
FROM	14+35.1	49.5'	RT	TO	14+19.9	49.5'	RT	1	
FROM	16+38.2	45.0'	RT	TO	16+36.9	45.0'	RT	1	
FROM	18+20.9	32.3'	RT	TO	18+18.7	32.3'	RT	1	
FROM	18+84.1	53.0'	RT	TO	18+88.1	58.6'	RT	1	
FROM	19+99.8	30.7'	RT	TO	19+96.7	30.7'	RT	1	
FROM	21+96.2	29.7'	RT	TO	21+95.9	29.7'	RT	1	
FROM	25+30.3	31.1'	RT	TO	25+29.2	31.1'	RT	1	
TOTAL								8	
USE								8	

HANDHOLE				
LOCATION				81400100
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
18+87.1	49.7'	RT	LIGHTING PLANS	1
26+49.5	53.5'	LT	LIGHTING PLANS	1
CONTINGENCY QUANTITY				1
TOTAL				3
USE				3

HANDHOLE TO BE ADJUSTED				
LOCATION				X8140115
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
19+96.3	28.7'	RT	LIGHTING PLANS	1
CONTINGENCY QUANTITY				1
TOTAL				2
USE				2

HEAVY-DUTY HANDHOLE				
LOCATION				81400200
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
14+88.4	50.4'	RT	TRAF SGNL PLANS	1
14+89.4	31.8'	RT	LIGHTING PLANS	1
15+67.0	49.4'	RT	TRAF SGNL PLANS	1
22+36.7	22.4'	RT	TRAF SGNL PLANS	1
22+42.0	31.6'	RT	TRAF SGNL PLANS	1
22+93.0	34.6'	RT	TRAF SGNL PLANS	1
26+24.6	32.9'	RT	TRAF SGNL PLANS	1
CONTINGENCY QUANTITY				1
TOTAL				8
USE				8

REMOVE EXISTING HANDHOLE				
LOCATION				89502380
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
14+88.4	50.4'	RT	TRAF SGNL PLANS	1
15+67.0	49.4'	RT	TRAF SGNL PLANS	1
18+83.9	49.7'	RT	LIGHTING PLANS	1
22+36.7	22.4'	RT	TRAF SGNL PLANS	1
22+42.0	31.6'	RT	TRAF SGNL PLANS	1
22+93.0	34.6'	RT	TRAF SGNL PLANS	1
26+03.8	28.0'	LT	LIGHTING PLANS	1
26+24.6	32.9'	RT	TRAF SGNL PLANS	1
26+49.5	53.5'	LT	LIGHTING PLANS	1
26+64.0	81.6'	LT	LIGHTING PLANS	1
CONTINGENCY QUANTITY				1
TOTAL				11
USE				11

LIGHTING WIRING AND CONDUIT						
LOCATION				81702431	81028350	
STATION	TO	STATION	SIDE	ELECTRIC CABLE IN CONDUIT 600V (XLP-TYPE USE) 3-1/C NO. 8, 1/C NO. 8 GROUND	ELECTRIC CABLE IN CONDUIT 600V (XLP-TYPE USE) 4-1/C NO. 8, 1/C NO. 8 GROUND	UNDERGROUND CONDUIT, PVC, 2" DIA
				FOOT	FOOT	FOOT
19TH ST (NORTH SECTION)						
12+89.9	TO	14+19.9	RT		135	129
14+19.9	TO	14+89.4	RT		76	70
14+89.4	TO	16+36.9	RT		153	147
16+36.9	TO	18+18.7	RT		188	182
18+18.7	TO	18+88.4	RT		91	85
18+88.4	TO	18+87.1	RT		15	9
18+18.7	TO	19+96.7	RT		185	179
18+18.7	TO	19+96.7	RT		90	84
19+96.7	TO	21+95.9	RT	129	205	199
25+32.9	TO	26+49.5	LT			123
25+87.3	TO	25+91.0	LT		10	4
TOTAL				129	1148	1211
USE				129	1148	1211

LIGHTING UNIT UPGRADE				
LOCATION				EACH
STATION	OFFSET	SIDE	EACH	
19TH ST (NORTH SECTION)				
23+60.4	29.1'	RT	1	
23+60.4	32.1'	LT	1	
25+29.3	14.7'	LT	1	
25+30.3	31.5'	LT	1	
TOTAL				4
USE				4



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19TH ST. BIKE PATH
19TH ST.
SCHEDULES OF QUANTITIES (5 of 6)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

SHEET
16
OF
143

SHORT TERM PAVEMENT MARKING						
LOCATION			70300100			
STATION	TO	STATION	LEFT	CENTER	RIGHT	FOOT
19TH ST (NORTH SECTION)						
12+62.1	TO	14+77.4	21.5	21.5	21.5	
15+60.1	TO	18+76.6	31.7			
15+79.8	TO	18+76.6		29.7		
19+42.6	TO	20+82.9	14.0	14.0		
21+50.5	TO	22+20.1	7.0			
21+50.5	TO	22+36.7		8.6		
23+09.9	TO	23+27.7	1.8	1.8		
23+36.2	TO	26+23.4	28.7			
23+36.2	TO	26+34.4		29.8		
CONTINGENCY QUANTITY				23.2		
TOTAL			104.7	128.6	21.5	
USE			255			

PERENNIALS						
FOR INFORMATION ONLY						
LOCATION				PERENNIAL PLANTS, CALAMAGRPOSTIS ACUTIFLORA 'KARL FORSTER' (FEATHER REED GRASS, 1-GALLON)	PERENNIAL PLANTS, PENNISETUM ALOPECUROIDES (FOUNTAIN GRASS), 1-GALLON	EACH
STATION	TO	STATION	SIDE			
19TH ST (NORTH SECTION)						
12+71.1	TO	12+86.5	RT	3		2
13+73.1	TO	14+83.1	RT	20		12
15+59.3	TO	18+06.7	RT	40		24
22+02.6	TO	22+40.2	RT	10		6
26+08.5	TO	26+38.4	RT	7		4
TOTAL				80		48

NOTE: PERENNIALS PAID FOR AS *PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT*, PER UNIT (1 UNIT = 100 PLANTS). SEE *TREES, PLANTS, GRASS, PLANTING MIX & MULCH SPECIAL* SCHEDULE FOR MORE DETAILS.

SHORT TERM PAVEMENT MARKING REMOVAL						
LOCATION			70300150			
STATION	TO	STATION	LEFT	CENTER	RIGHT	SQ FT
19TH ST (NORTH SECTION)						
12+62.1	TO	14+77.4	71.8			71.8
15+60.1	TO	18+76.6	105.5			
15+79.8	TO	18+76.6		98.9		
19+42.6	TO	20+82.9	46.8	46.8		
21+50.5	TO	22+20.1	23.2			
21+50.5	TO	22+36.7		28.7		
23+09.9	TO	23+27.7	5.9	5.9		
23+36.2	TO	26+23.4	95.7			
23+36.2	TO	26+34.4		99.4		
FROM STAGE 2			14.7			
FROM STAGE 3A			8.8			
FROM STAGE 3B-1			396.0			10.0
FROM STAGE 3B			642.6			8.0
FROM STAGE 3C-1			282.0			
CONTINGENCY QUANTITY				77.2		
TOTAL			1692.9	428.7		89.8
USE			2212			

STORM SEWERS, CLASS A, TYPE 1, 12"									
LOCATION						550A0050	550A0090	Z0056648	
STATION	OFFSET	TO	STATION	OFFSET	SIDE	STORM SEWERS, CLASS A, TYPE 1, 12"	STORM SEWERS, CLASS A, TYPE 1, 18"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	
						FOOT	FOOT	FOOT	
19TH ST (NORTH SECTION)									
16+93.8	11.3'	TO	17+03.1	14.0'	RT	10			
22+27.6	22.7'	TO	22+28.1	11.2'	RT			12	
19TH ST (SOUTH SECTION)									
164+76.8	18.7'	TO	164+76.9	12.6'	RT		3		
CONTINGENCY QUANTITY						5		2	
TOTAL						15	3	14	
USE						15	3	14	

AGGREGATE FOR TEMPORARY ACCESS		
LOCATION		40201000
		TON
CONTINGENCY ITEM FOR ENTRANCES, ETC.		100
TOTAL		100
USE		100

PAVEMENT PATCHING			
LOCATION		44200929	44200934
		CLASS B PATCHES, TYPE I, 8 INCH	CLASS B PATCHES, TYPE II, 8 INCH
		SQ YD	SQ YD
CONTINGENCY ITEM FOR PAVEMENT PATCHING		100	200
TOTAL		100	200
USE		100	200

NOTE: COORDINATE WITH CITY FOR LOCATION OF PATCHES.

CHANGEABLE MESSAGE SIGN		
LOCATION	70107025	
		CAL DA
CONTINGENCY ITEM FOR STAGING		150
TOTAL		150
USE		150

PAVEMENT MARKING REMOVAL - WATER BLASTING													
LOCATION				78300202									
STATION	TO	STATION	SIDE	LETTERS AND SYMBOLS			LINE 4"		LINE 6"	LINE 12"	LINE 4"	LINE 12"	LINE 24"
				ARROWS	"ONLY"	RAILROAD	SOLID	SKIP DASH	SOLID	SOLID	SOLID	SOLID	SOLID
				LANE LINE	LANE LINE	CROSSWALK EDGE	CROSSWALK DIAGONAL	MEDIAN EDGE	MEDIAN DIAGONAL LINE	STOP BAR	SQ FT		
19TH ST (NORTH SECTION)													
WEST LEG 7TH AVE			LT									137.5	113.6
SOUTH LEG 7TH AVE			LT & RT									107.6	83.6
EAST LEG 7TH AVE			LT									124.9	211.8
23+122	TO	24+51.0	LT & RT	57.6		57.6	106.8	13.3	51.0	60.2	271.7	271.7	197.2
WEST LEG RIVER DR			LT						75.9	110.5			74.4
EAST LEG RIVER DR			RT						79.2	110.5			87.4
7TH AVE TO 2ND AVE			LT & RT			13.7	10.0	64.5	85.0	49.2	49.2		60.0
STAGE 2 - NW QUAD 19TH ST & RIVER DR				8.8	11.8								
STAGE 3A											13.7		
STAGE 3B											40.0		
CONTINGENCY QUANTITY				15.0		15.0	20.0	10.0			30.0	20.0	
TOTAL				81.4	11.8	72.6	140.4	87.0	640.4	366.2	320.9	350.9	848.0
USE				2908									

TEMPORARY PAVEMENT MARKING												
LOCATION				70306100				70306120			70306210	
				LETTERS AND SYMBOLS				LINE 4"			LINE 24"	
				ARROWS		RAILROAD	SOLID		DOTTED		SOLID	
LEFT		LEFT & THROUGH		RIGHT			LANE LINE		INTERSECTION		STOP BAR	
				WHITE		WHITE	YELLOW	WHITE	WHITE	WHITE		
				SQ FT		SQ FT	FOOT					
STAGE 1 - SOUTH OF ASVENUE OF THE CITIES							550.0					
STAGE 2 - NW QUAD 19TH ST & RIVER DR				14.7								
STAGE 3A - NW QUAD 19TH ST & RIVER DR				8.8								
STAGE 3B - SOUTH OF 7TH AVE				58.8					50.0		24.0	
STAGE 3B-1 - 7TH AVE TO 6TH AVE						126.0			66.0		58.0	
STAGE 3B - 6TH AVE TO 5TH AVE							804.0					
STAGE 3B - 5TH AVE TO 4TH AVE A							614.0					
STAGE 3B - 4TH AVE A TO 4TH AVE							298.0					
STAGE 3B - 4TH AVE TO RIVER DR							182.0				12.0	
STAGE 3C-1 - 4TH AVE TO RIVER DRIVE							666.0				11.0	
CONTINGENCY QUANTITY				8.8		8.8	126.0	300.0	200.0	20.0	24.0	
TOTAL				76.4	14.7	44.0	378.0	3064.0	950.0	136.0	143.0	
USE				514		4150		143				

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-schedules.dwg



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19TH ST. BIKE PATH
19TH ST.
SCHEDULES OF QUANTITIES (6 of 6)

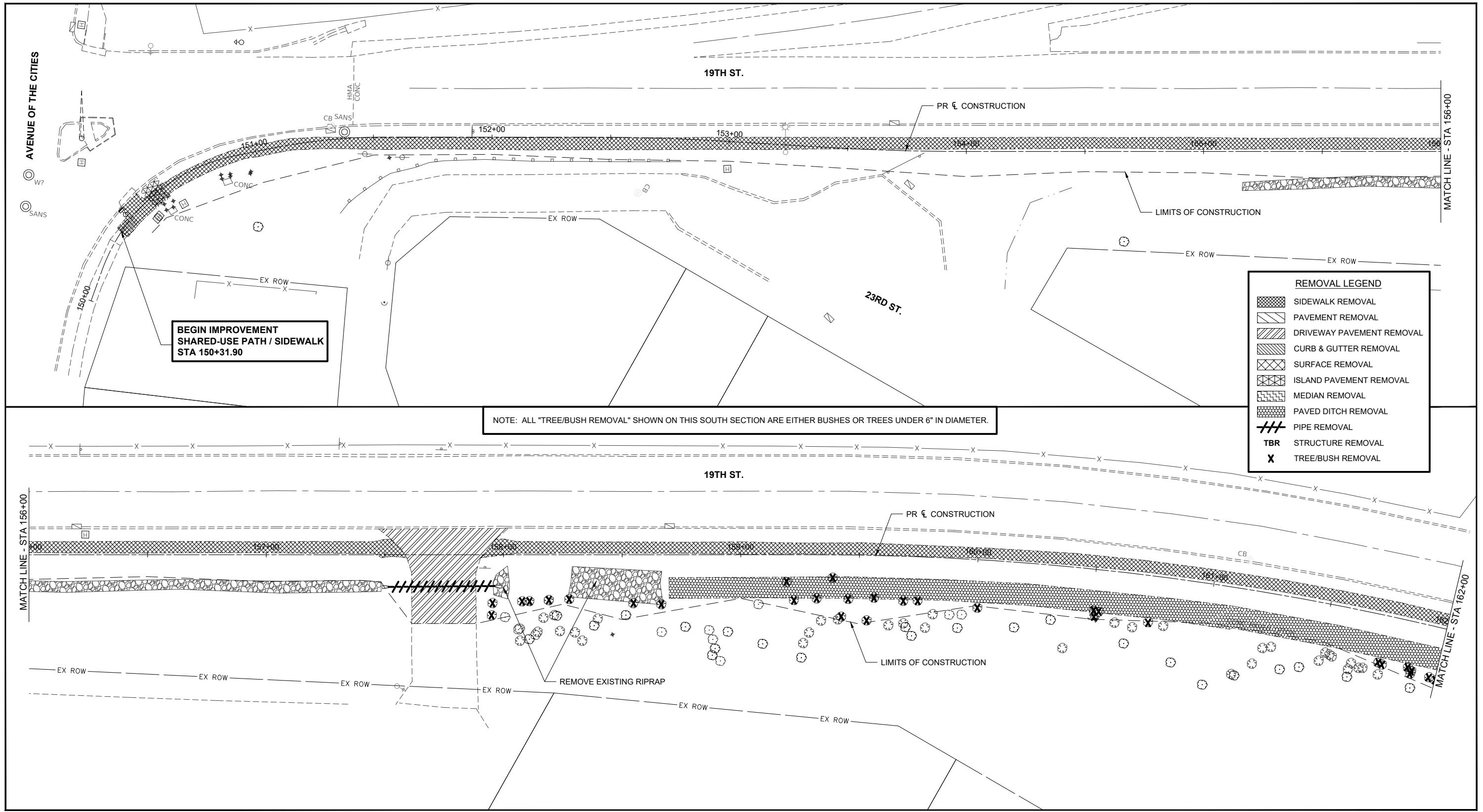
DATE	REVISION

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0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

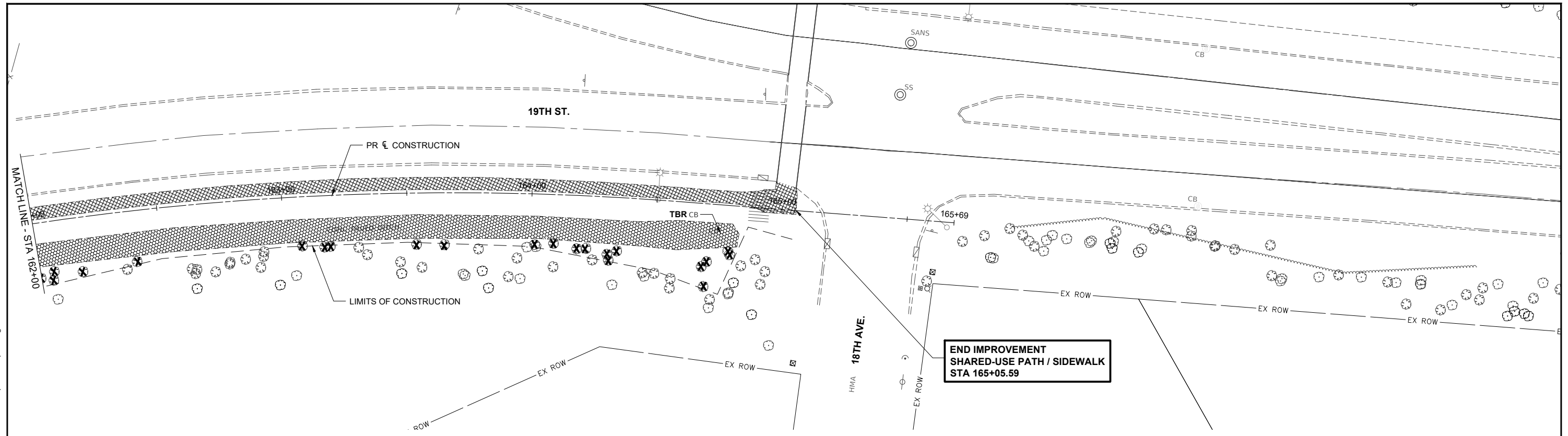
SHEET
17
OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-removal(south).dwg



<p>CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265</p>		<h3>19TH ST. BIKE PATH</h3> <p>19TH ST. (SOUTH SECTION) REMOVAL PLAN (1 of 4)</p>		<p>NORTH</p>	<p>SCALED FOR 11"X17" PAPER</p> <p>0' 20' 40' SCALE: 1" = 40'</p>	Date 05-22-23	SHEET
		Project #4789	18				
						Designer RMB	OF
							143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-removal(south).dwg



NOTE: ALL "TREE/BUSH REMOVAL" SHOWN ON THIS SOUTH SECTION ARE EITHER BUSHES OR TREES UNDER 6" IN DIAMETER.

REMOVAL LEGEND	
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL
	SURFACE REMOVAL
	ISLAND PAVEMENT REMOVAL
	MEDIAN REMOVAL
	PAVED DITCH REMOVAL
	PIPE REMOVAL
TBR	STRUCTURE REMOVAL
X	TREE/BUSH REMOVAL



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19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
REMOVAL PLAN (2 of 4)

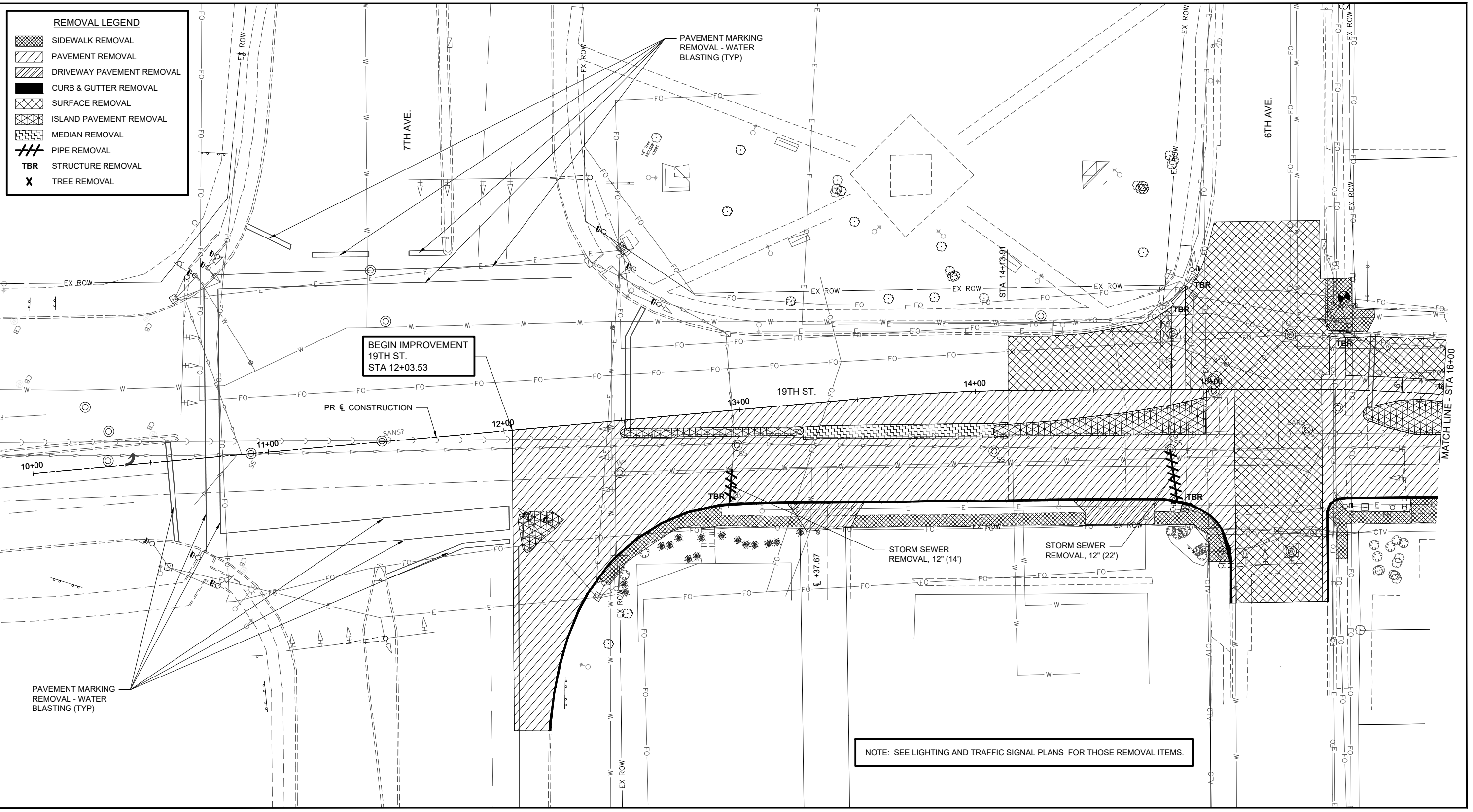
DATE	REVISION



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

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
19
OF
143



V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789 - sht-removal.dwg

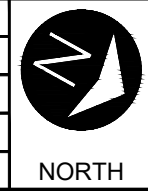


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
REMOVAL PLAN (3 of 4)

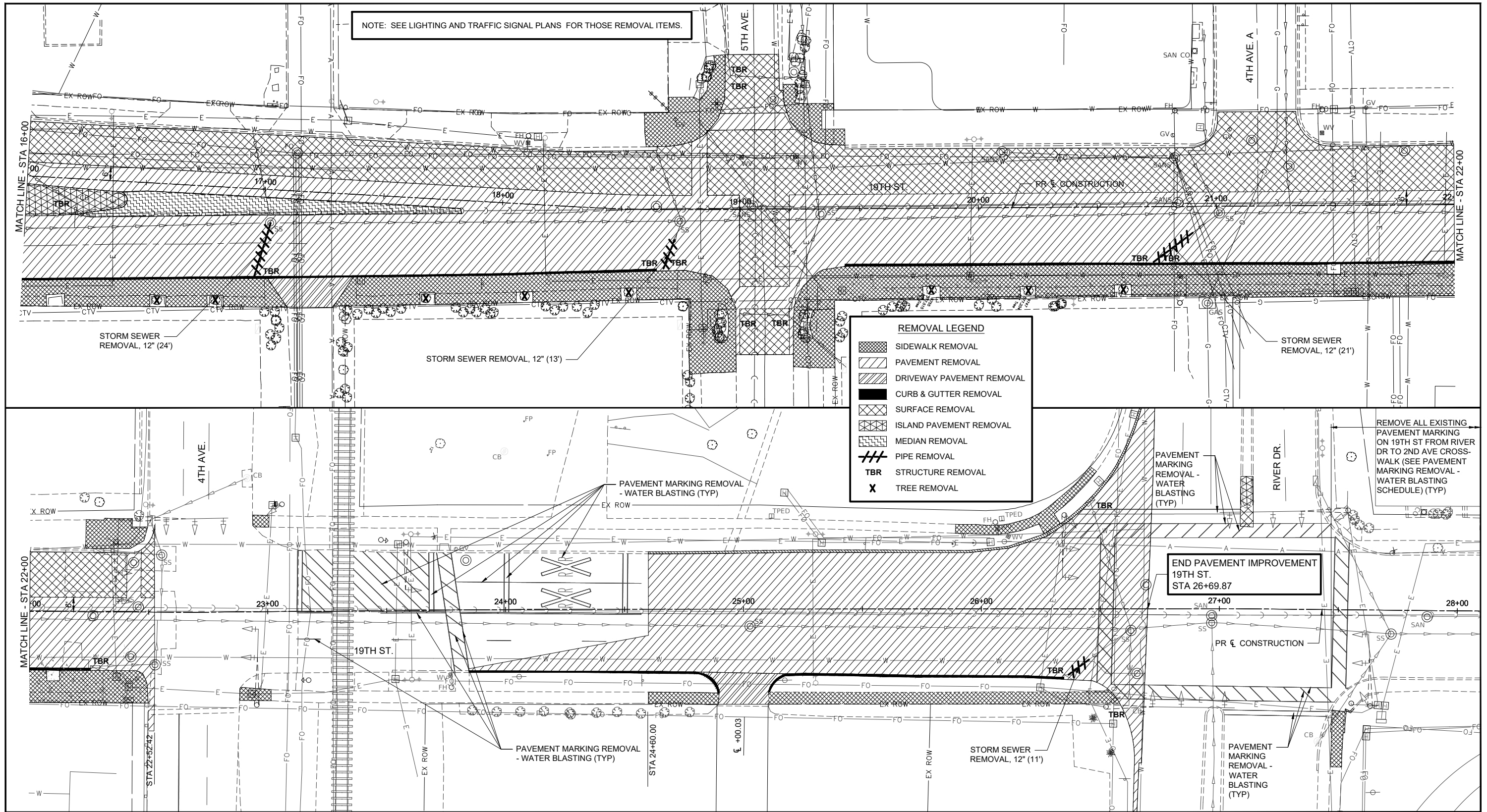
DATE	REVISION



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

Date **05-22-23**
Project **#4789**
Designer **RMB**

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20
OF
143



NOTE: SEE LIGHTING AND TRAFFIC SIGNAL PLANS FOR THOSE REMOVAL ITEMS.

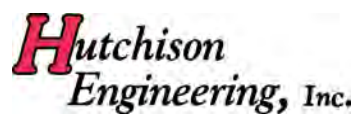
REMOVAL LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CURB & GUTTER REMOVAL
- SURFACE REMOVAL
- ISLAND PAVEMENT REMOVAL
- MEDIAN REMOVAL
- PIPE REMOVAL
- STRUCTURE REMOVAL
- TREE REMOVAL

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-removal.dwg



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
REMOVAL PLAN (4 of 4)

DATE	REVISION

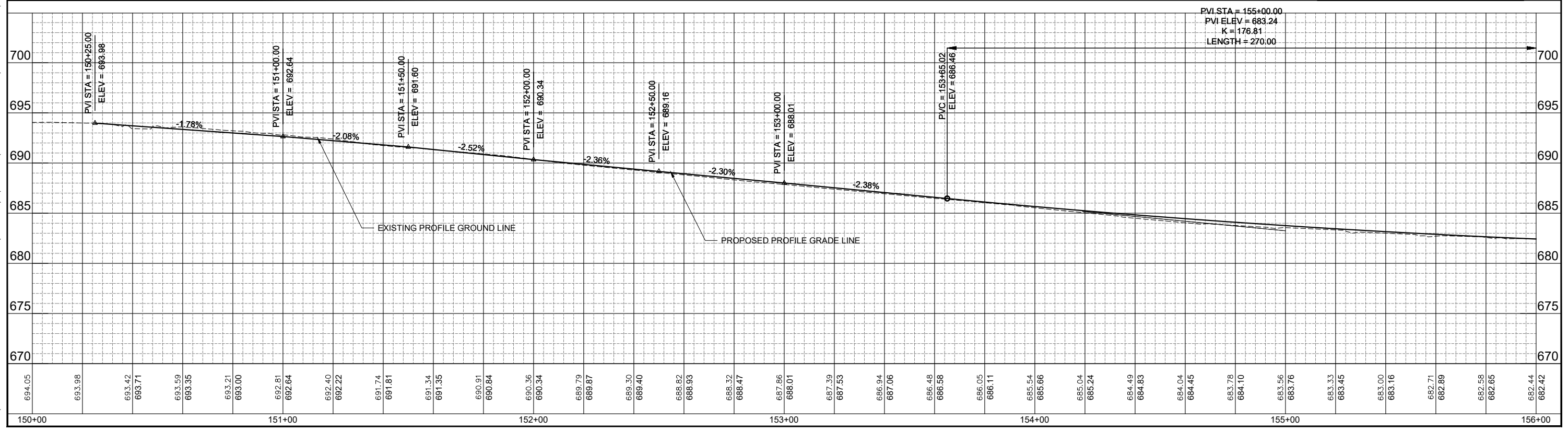
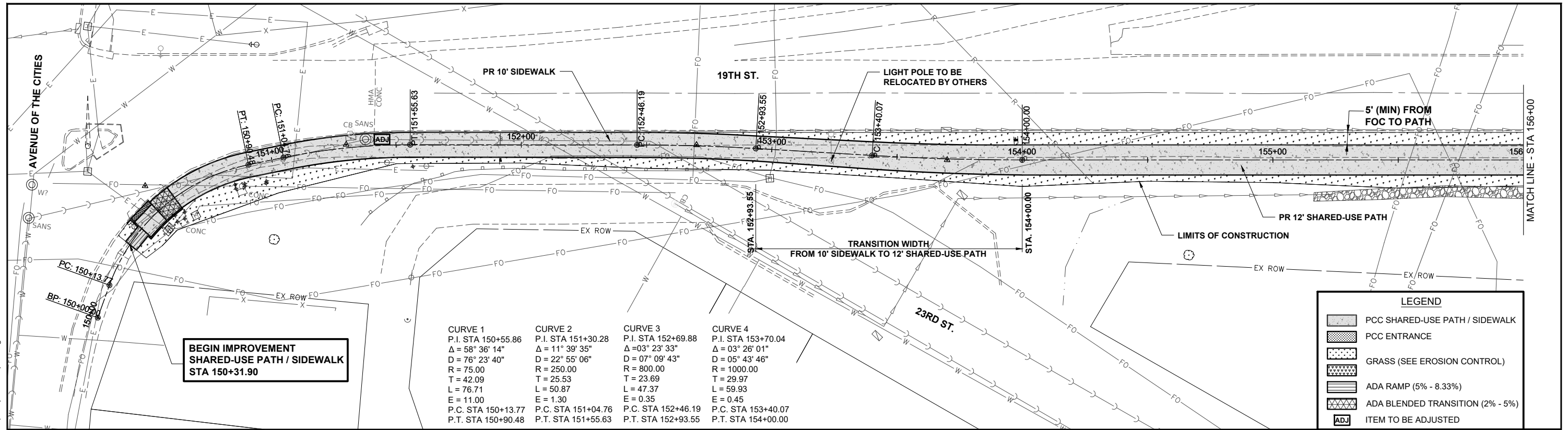


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SCALE: 1" = 40'

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Project **#4789**
Designer **RMB**

SHEET
21
OF
143

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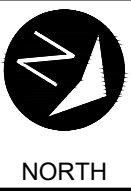


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Engineering, Inc.

19TH ST. BIKE PATH
 19TH ST. (SOUTH SECTION)
 PLAN & PROFILE SHARED-USE PATH (1 of 6)

DATE	REVISION

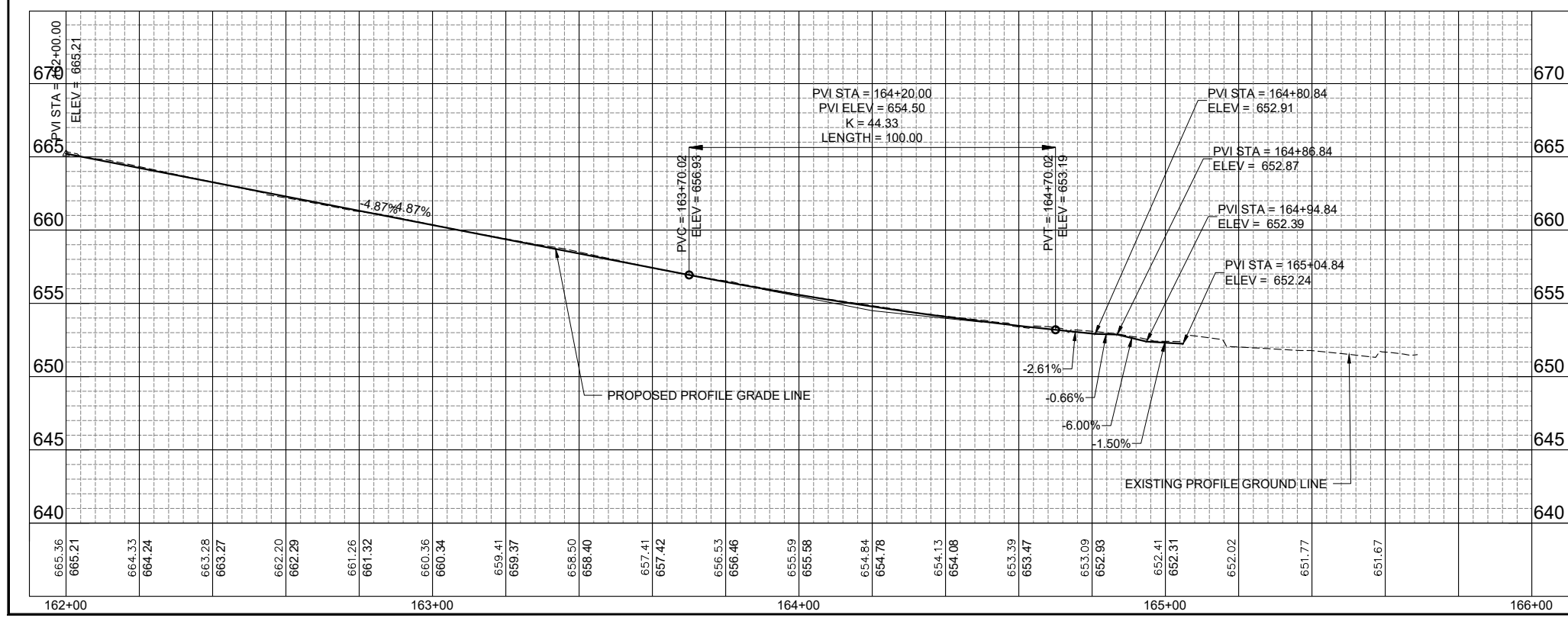
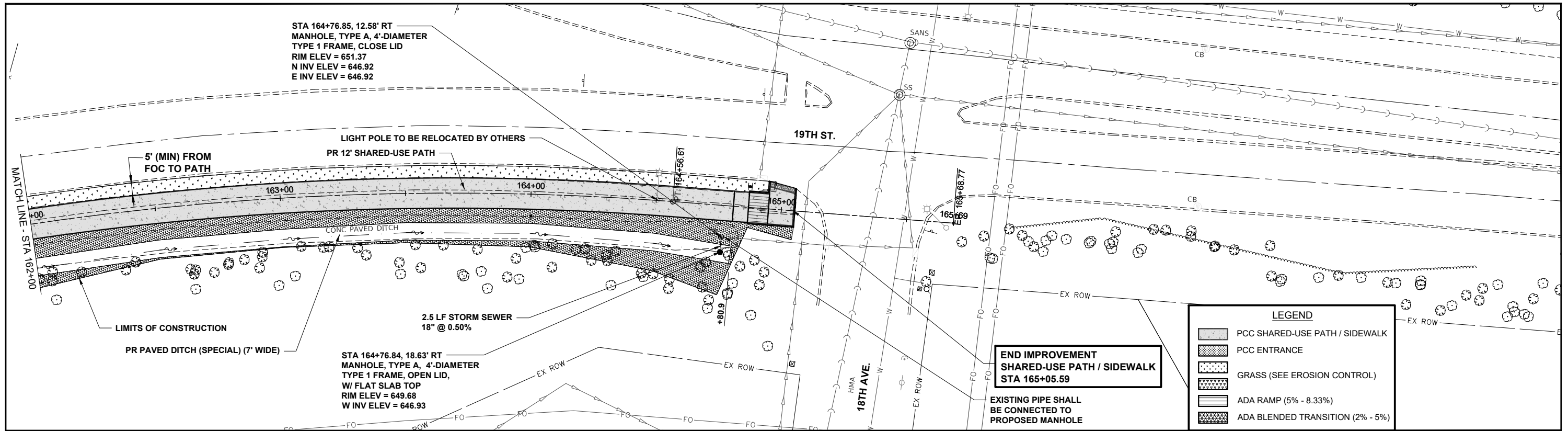


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 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
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143



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19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
PLAN & PROFILE SHARED-USE PATH (3 of 6)

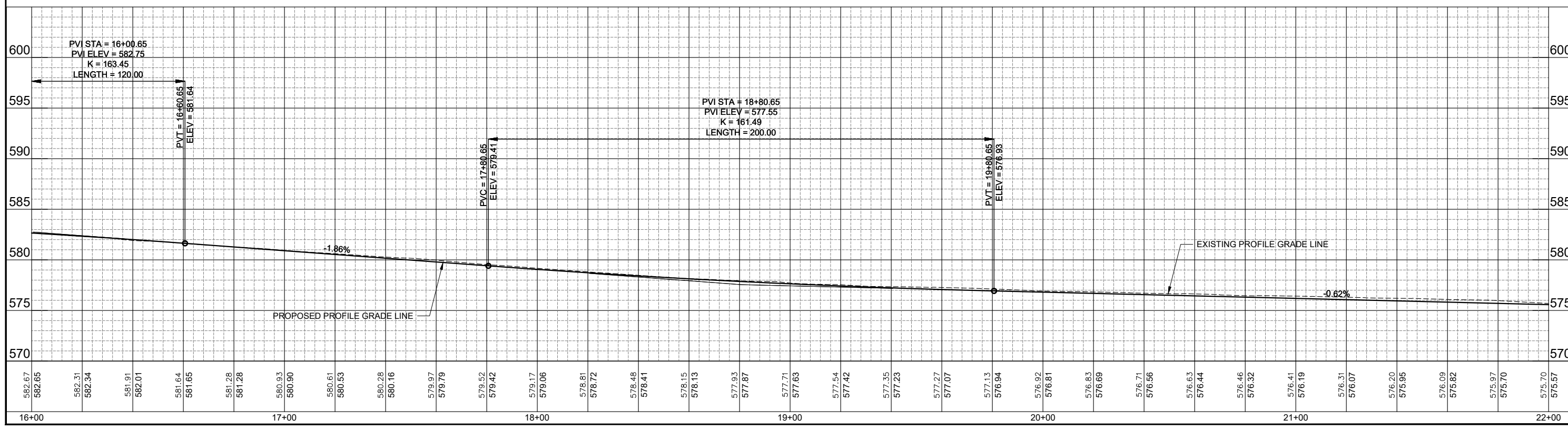
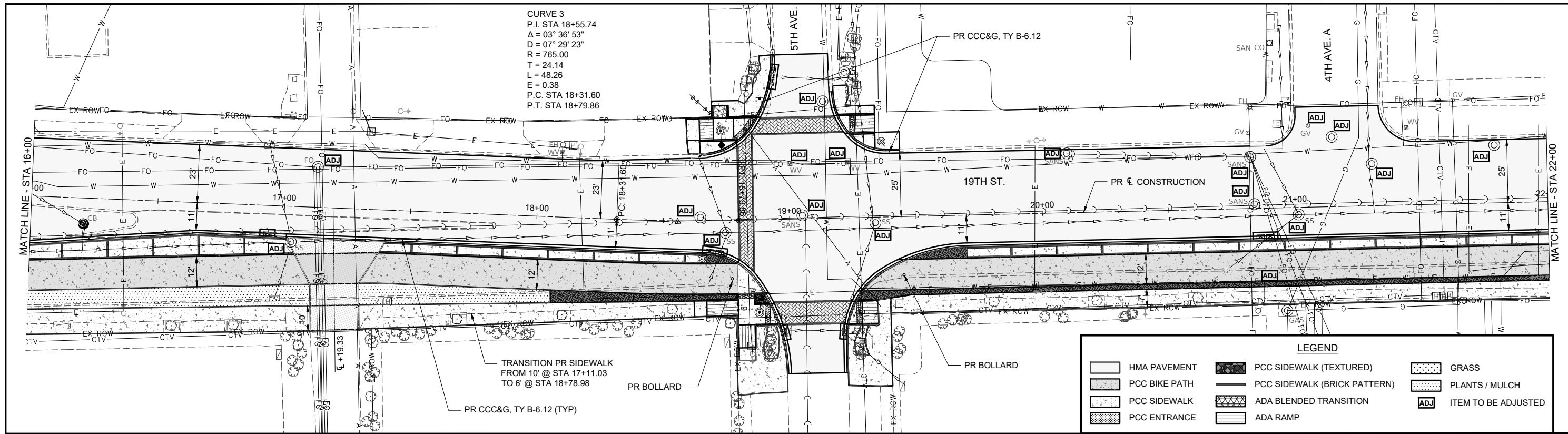
DATE	REVISION



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SCALE: 1" = 40'

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Project **#4789**
Designer **RMB**

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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 PLAN & PROFILE ROADWAY (5 of 6)

DATE	REVISION



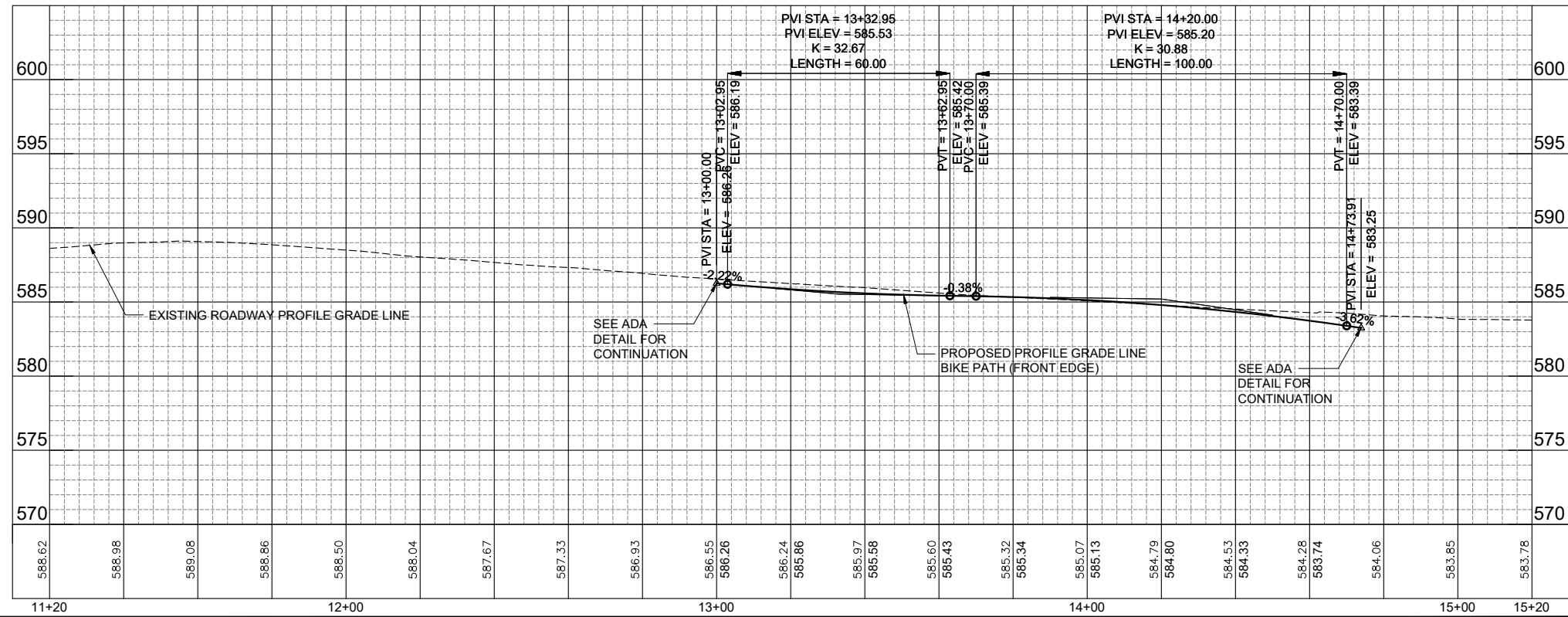
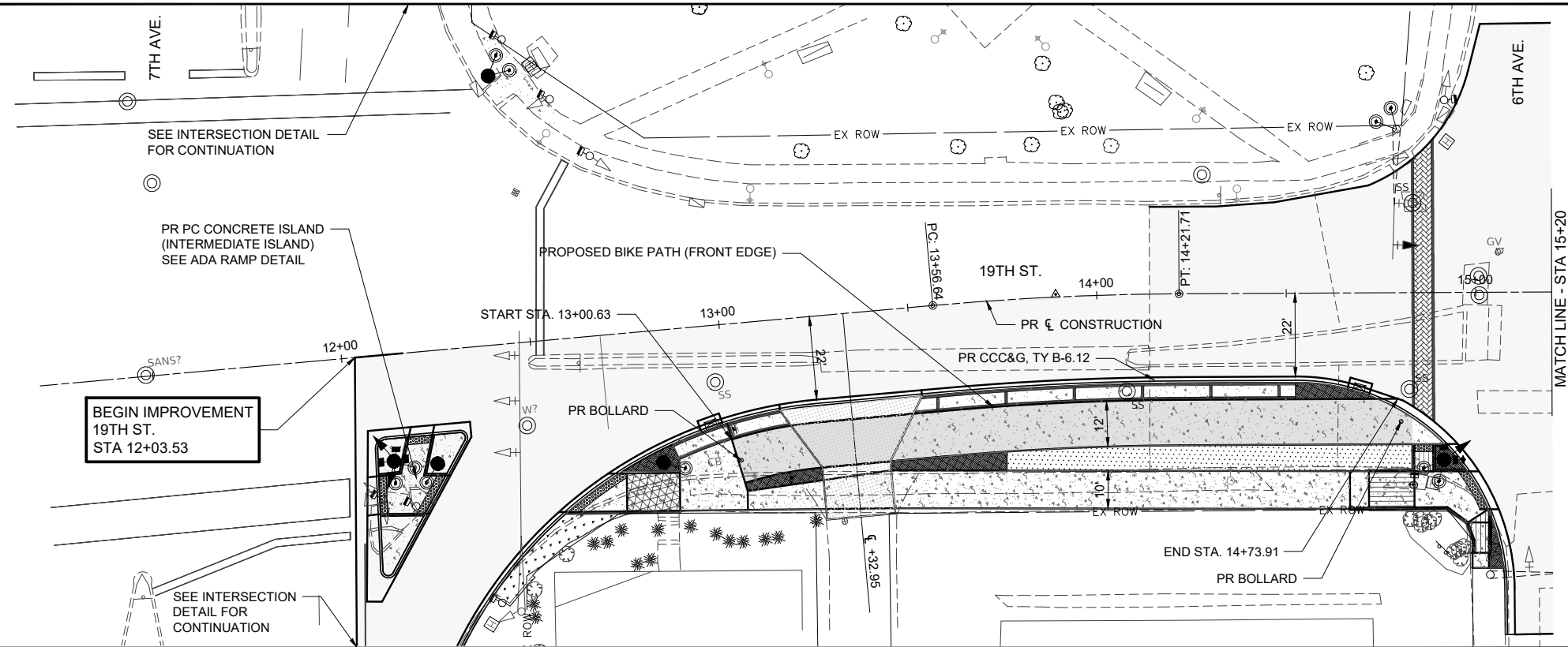
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 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
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 OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-plnprf - Bike Path.dwg

LEGEND	
	HMA PAVEMENT
	PCC BIKE PATH
	ADA RAMP
	PCC SIDEWALK
	PCC SIDEWALK (TEXTURED)
	PCC SIDEWALK (BRICK PATTERN)
	PCC ENTRANCE
	GRASS
	PLANTS / MULCH

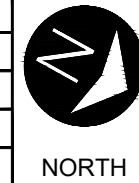


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE BIKE PATH (1 of 4)

DATE	REVISION



SCALED FOR
11"X17" PAPER

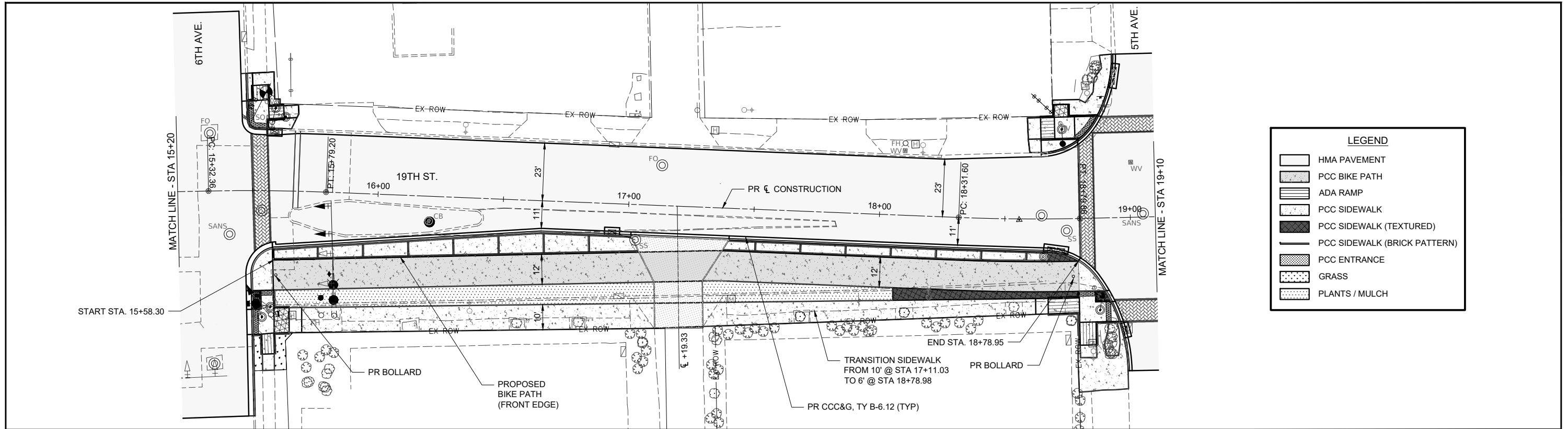
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SCALE: 1" = 40'

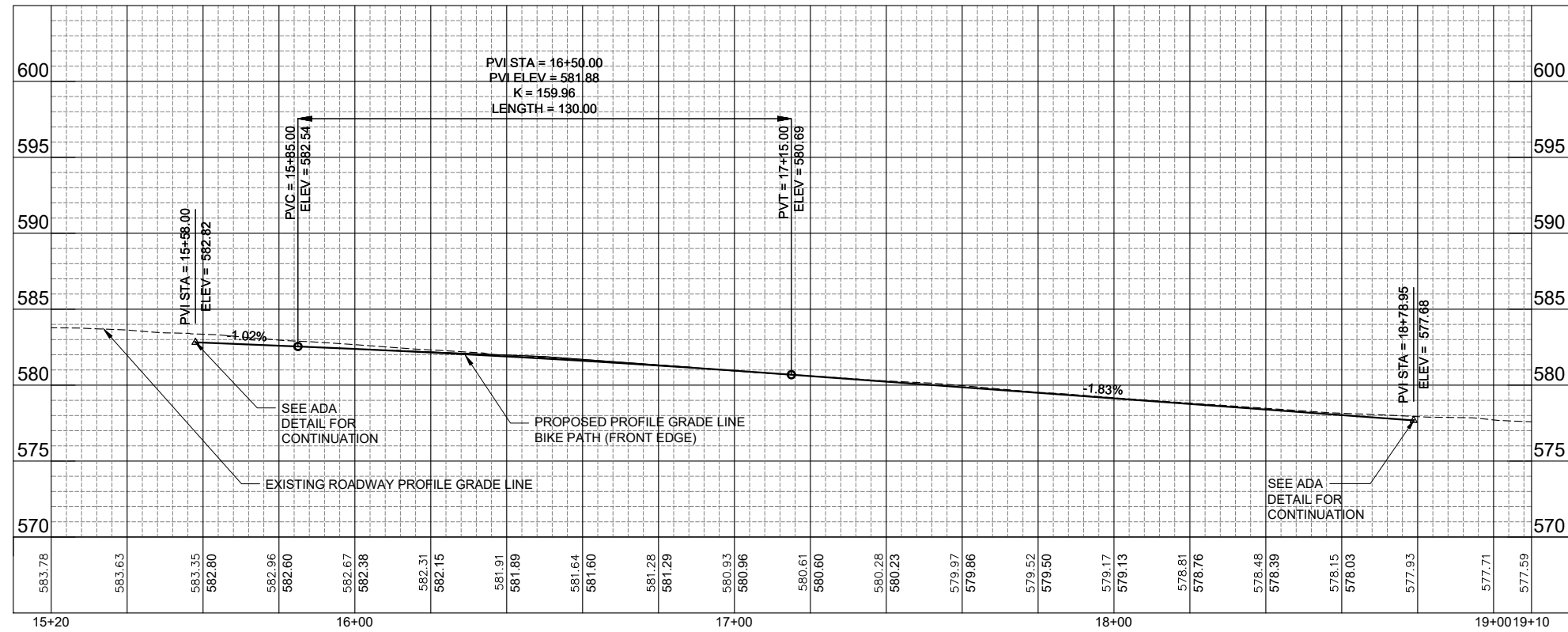
Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
143

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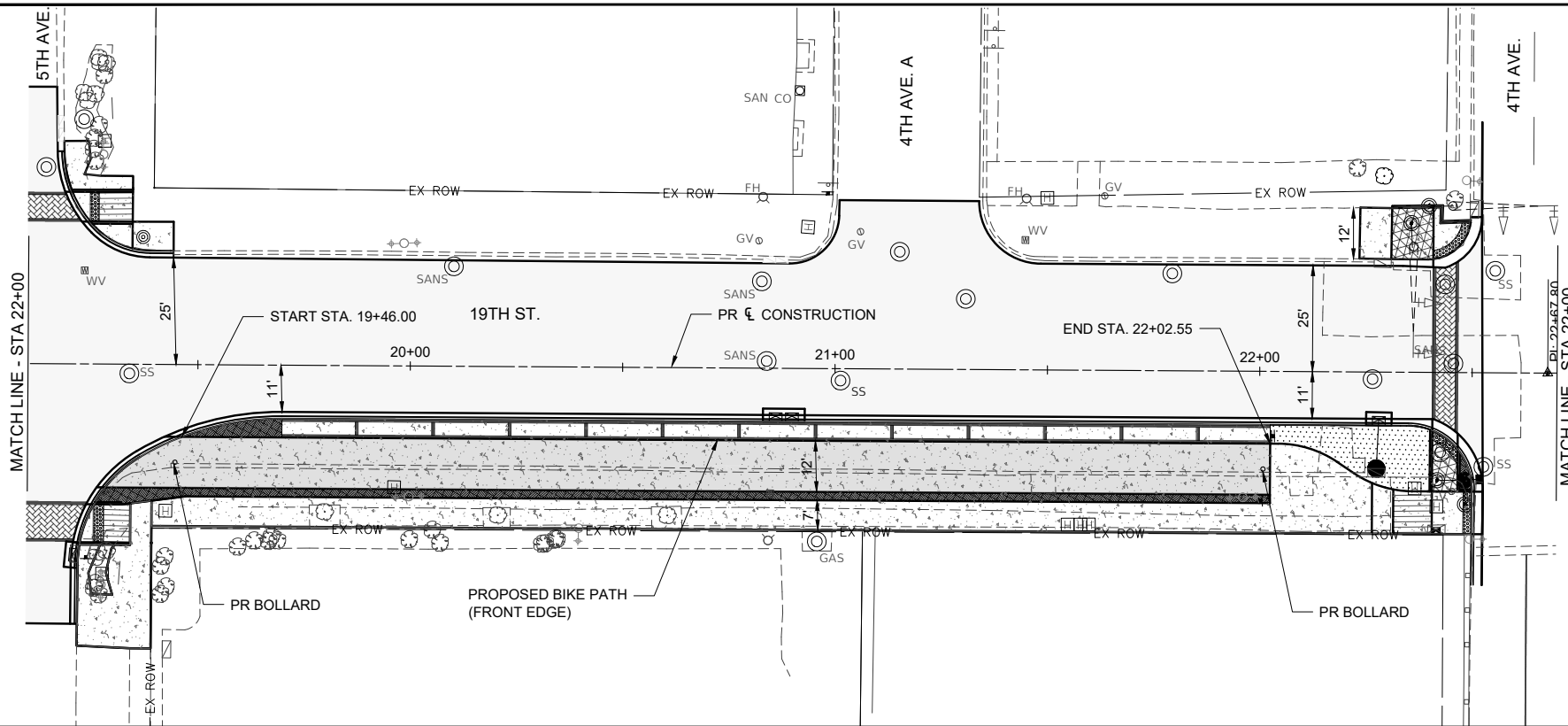


LEGEND	
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	PCC BIKE PATH
	ADA RAMP
	PCC SIDEWALK
	PCC SIDEWALK (TEXTURED)
	PCC SIDEWALK (BRICK PATTERN)
	PCC ENTRANCE
	GRASS
	PLANTS / MULCH

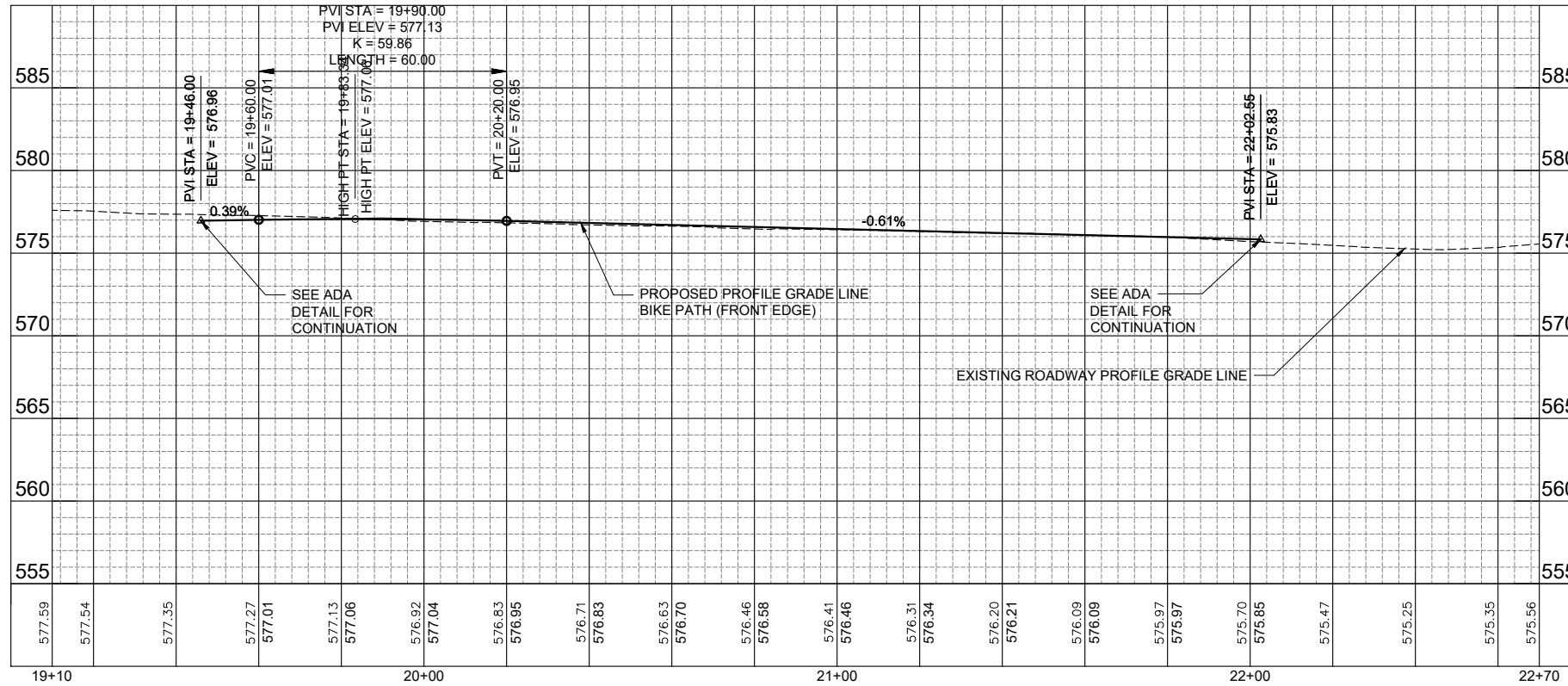


<p>CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265</p>	<p>Hutchison Engineering, Inc.</p>	<p>19TH ST. BIKE PATH 19TH ST. (NORTH SECTION) PLAN & PROFILE BIKE PATH (2 of 4)</p>		<table border="1"> <tr> <td>DATE</td> <td>REVISION</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	DATE	REVISION			<p>NORTH</p>	<p>SCALED FOR 11"X17" PAPER</p> <p>0' 20' 40' SCALE: 1" = 40'</p>	<p>Date 05-22-23</p> <p>Project #4789</p> <p>Designer RMB</p>	<p>SHEET 29 OF 143</p>
		DATE	REVISION									

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-plnprf - Bike Path.dwg



LEGEND	
	HMA PAVEMENT
	PCC BIKE PATH
	ADA RAMP
	PCC SIDEWALK
	PCC SIDEWALK (TEXTURED)
	PCC SIDEWALK (BRICK PATTERN)
	PCC ENTRANCE
	GRASS
	PLANTS / MULCH

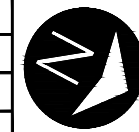


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE BIKE PATH (3 of 4)

DATE	REVISION



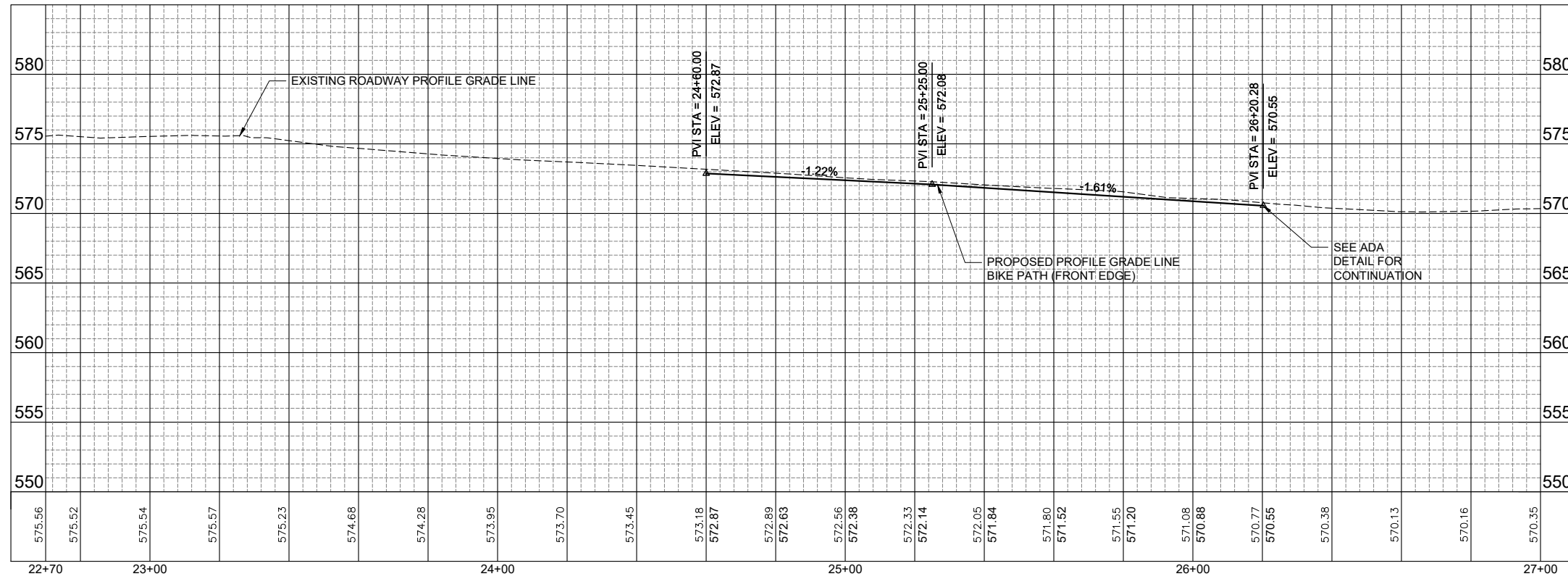
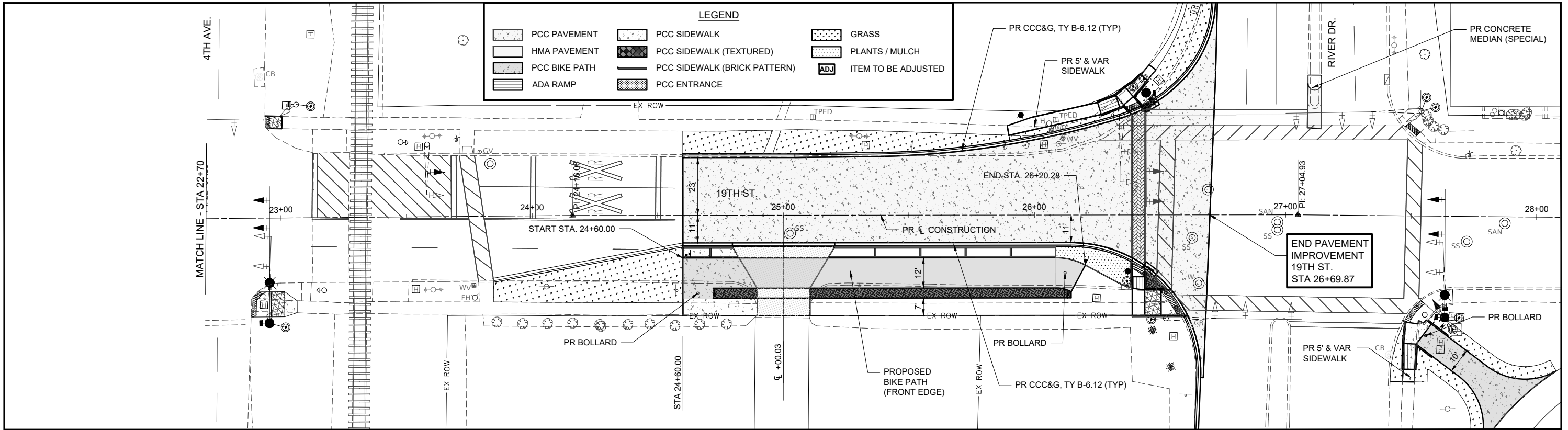
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SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
30
OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-plnprf - Bike Path.dwg

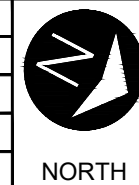


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE BIKE PATH (4 of 4)

DATE	REVISION



SCALED FOR
11"X17" PAPER
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SCALE: 1" = 40'

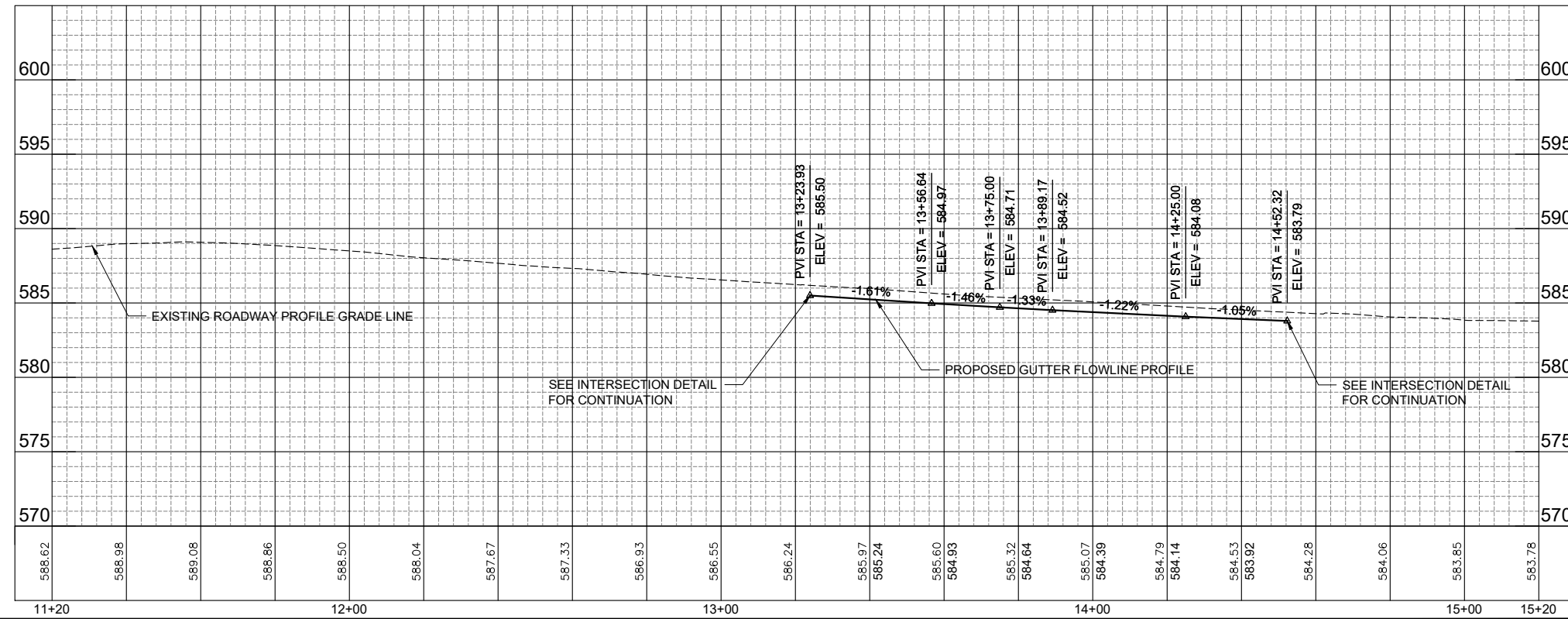
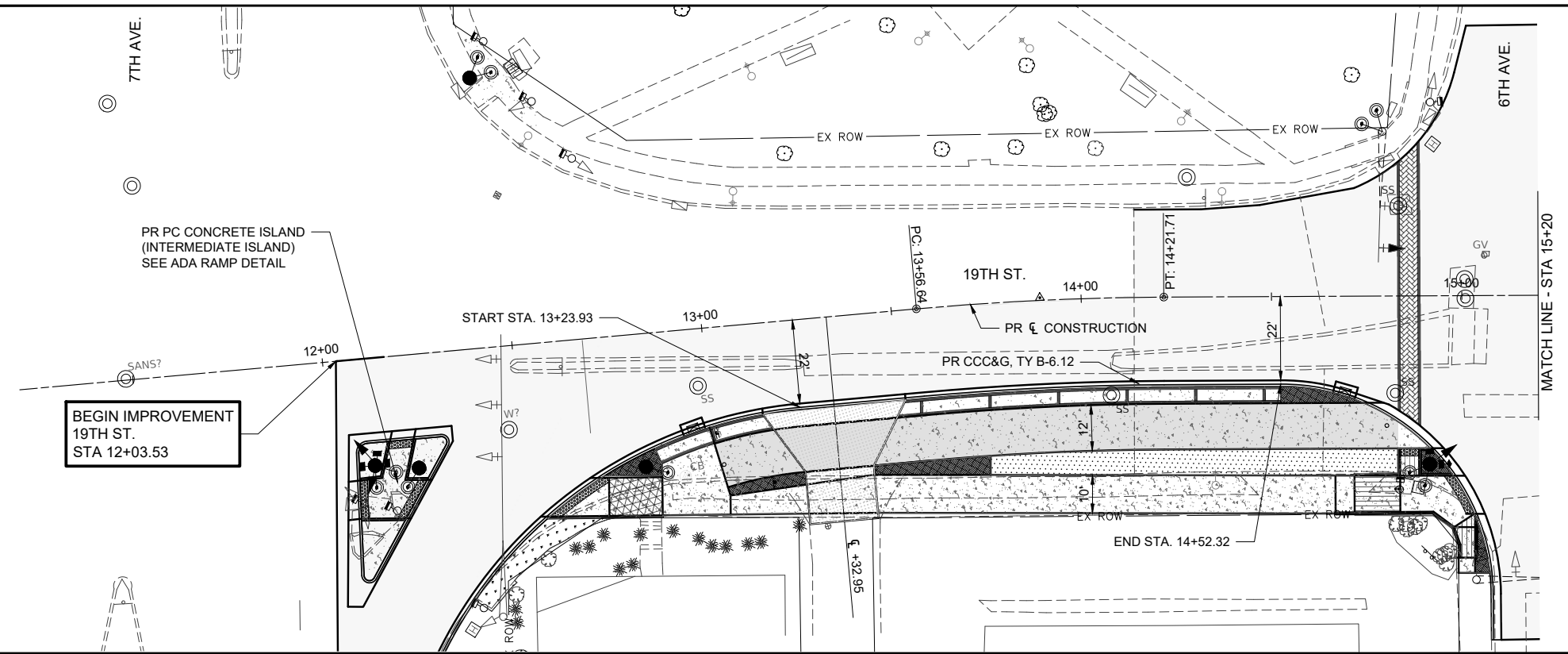
Date **05-22-23**
Project **#4789**
Designer **RMB**

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143

V:\4789 - 19th St Bike Trail (Moline)\CADD Sheets\4789-sht-plnprf - Gutter Flowline.dwg

LEGEND

	HMA PAVEMENT
	PCC BIKE PATH
	ADA RAMP
	PCC SIDEWALK
	PCC SIDEWALK (TEXTURED)
	PCC SIDEWALK (BRICK PATTERN)
	PCC ENTRANCE
	GRASS
	PLANTS / MULCH

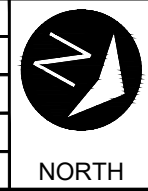


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE GUTTER FLOWLINE (1 of 4)

DATE	REVISION

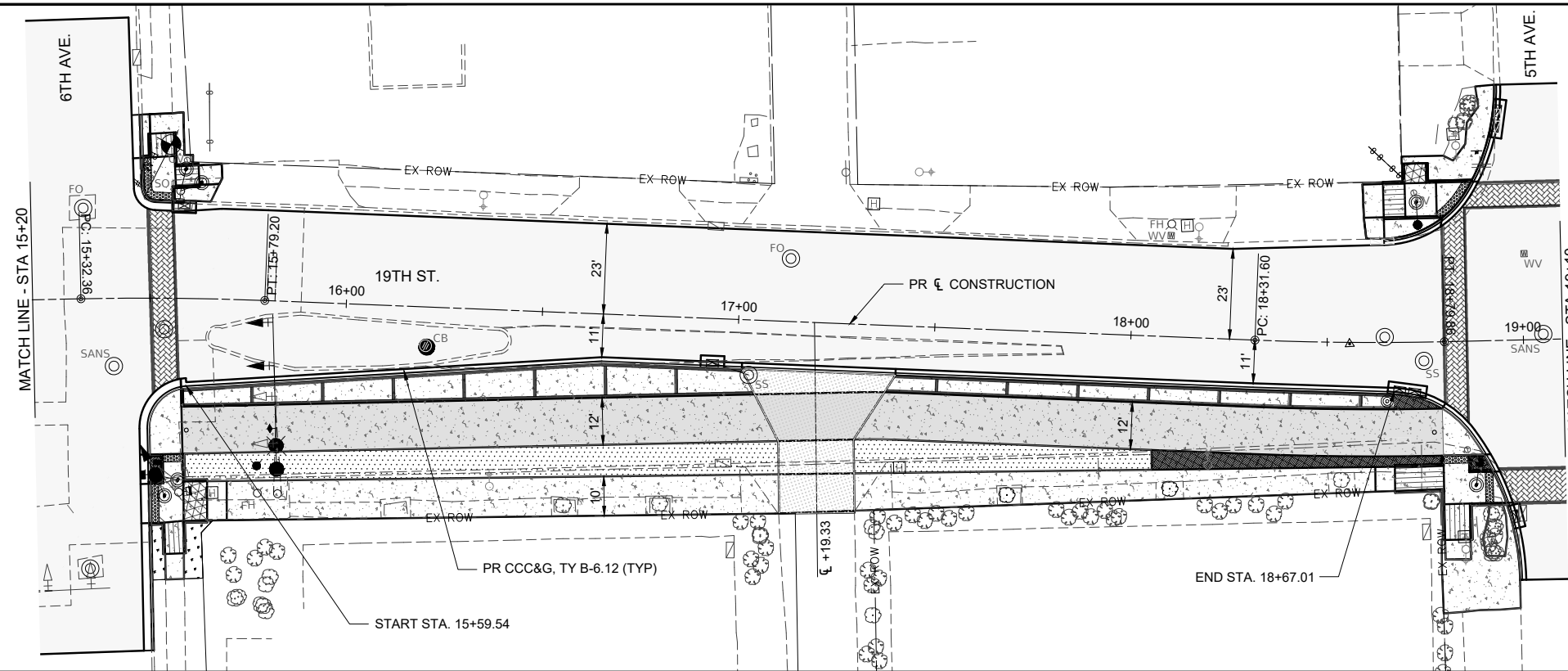


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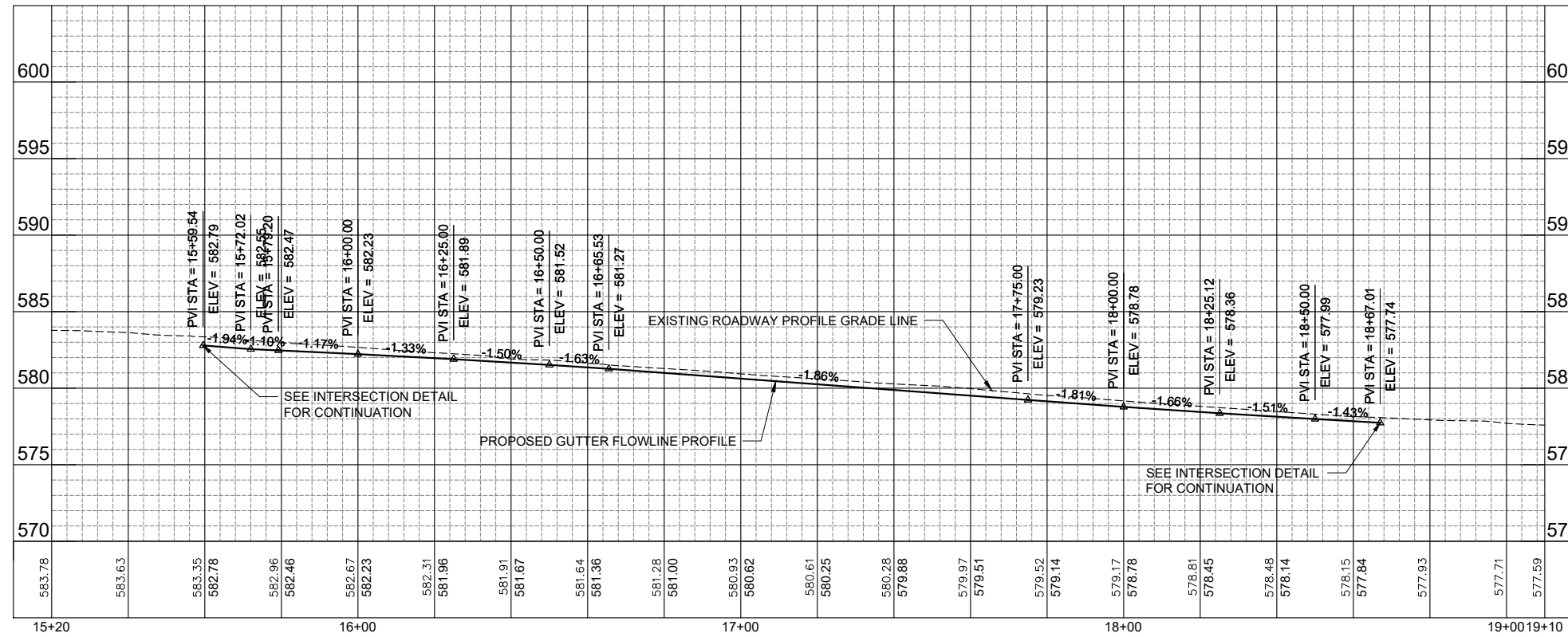
Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
143

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LEGEND	
	HMA PAVEMENT
	PCC BIKE PATH
	ADA RAMP
	PCC SIDEWALK
	PCC SIDEWALK (TEXTURED)
	PCC SIDEWALK (BRICK PATTERN)
	PCC ENTRANCE
	GRASS
	PLANTS / MULCH

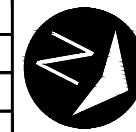


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE GUTTER FLOWLINE (2 of 4)

DATE	REVISION



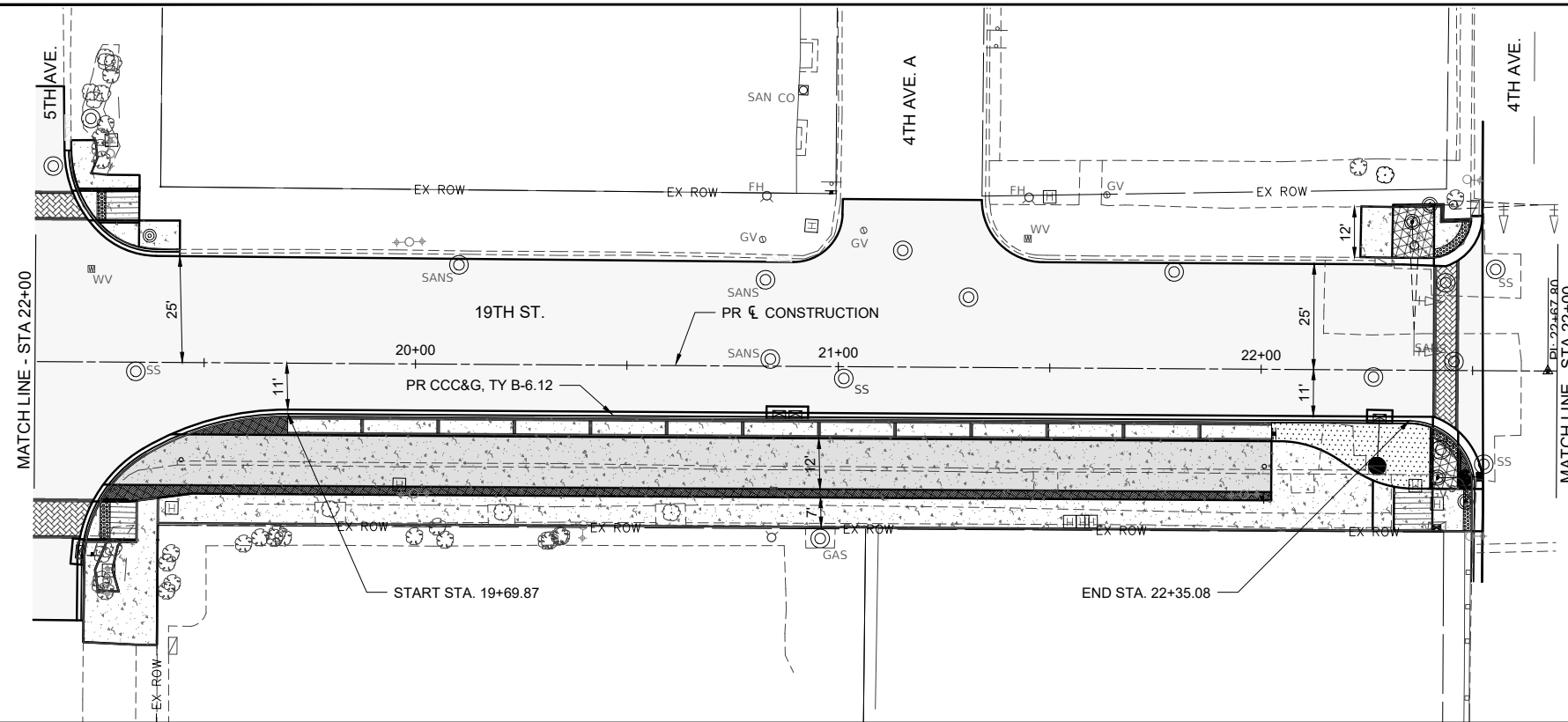
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SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

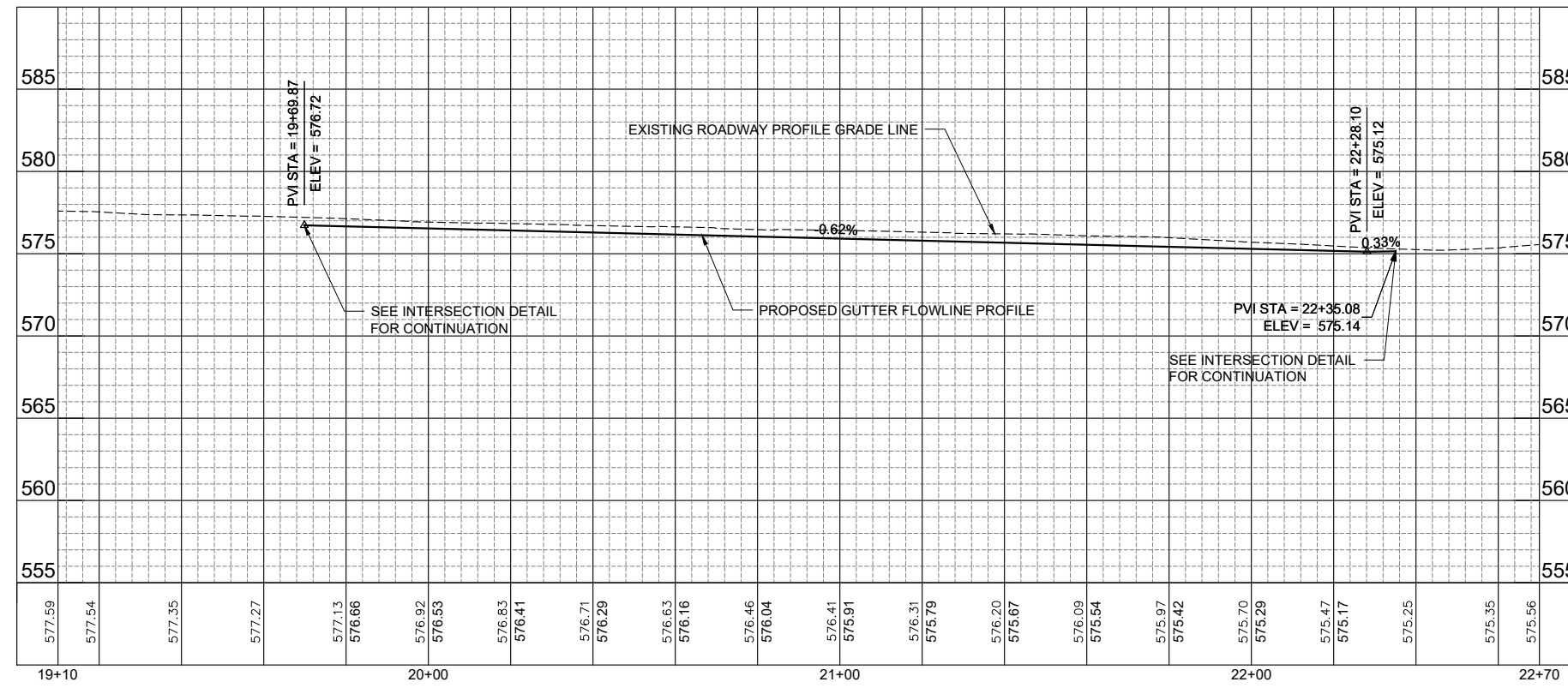
SHEET
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OF
143

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LEGEND

- HMA PAVEMENT
- PCC BIKE PATH
- ADA RAMP
- PCC SIDEWALK
- PCC SIDEWALK (TEXTURED)
- PCC SIDEWALK (BRICK PATTERN)
- PCC ENTRANCE
- GRASS
- PLANTS / MULCH

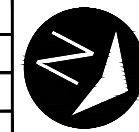


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PLAN & PROFILE GUTTER FLOWLINE (3 of 4)

DATE	REVISION



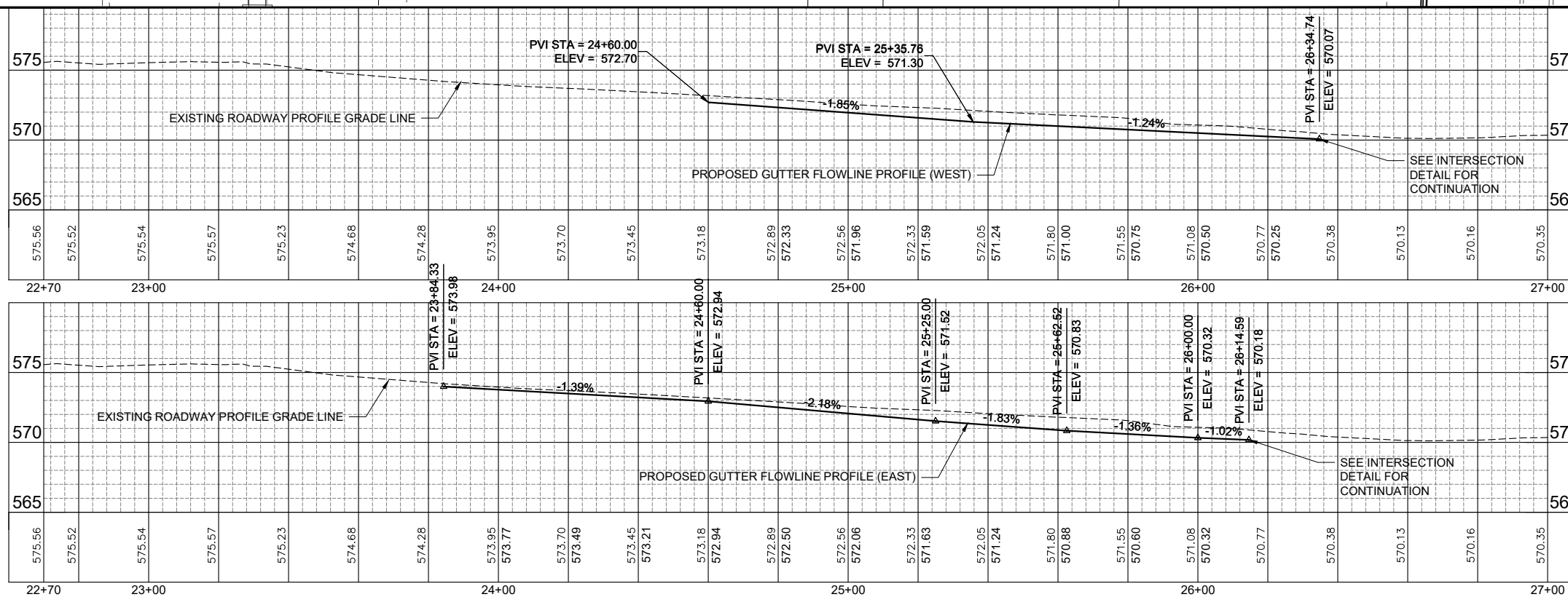
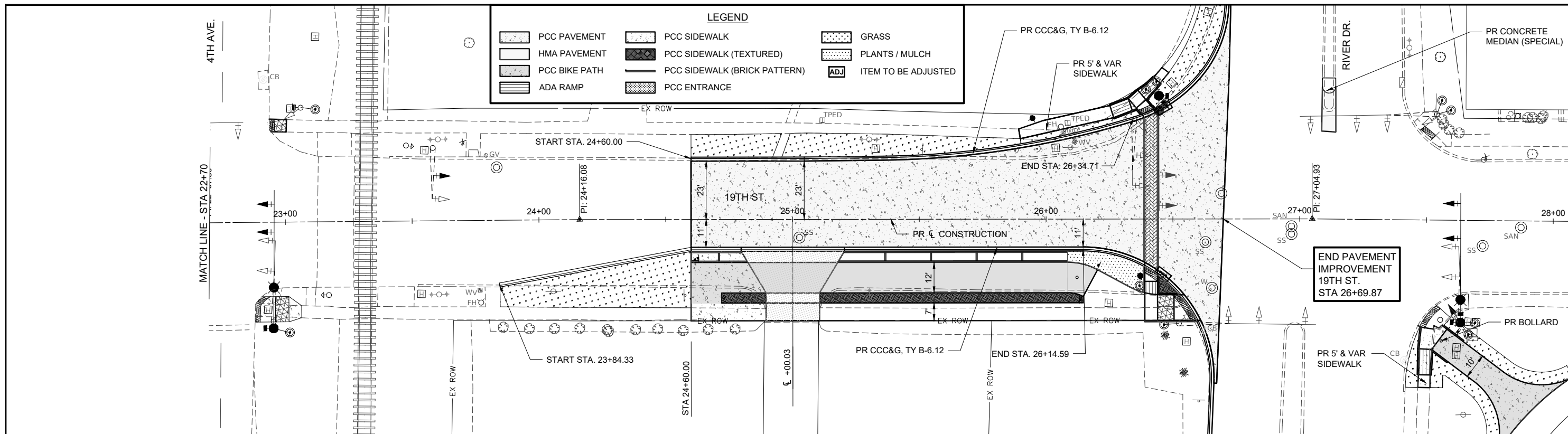

NORTH

SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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143

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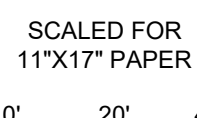
Hutchison
Engineering, Inc.

19TH ST. BIKE PATH

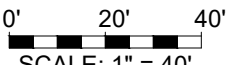
19TH ST. (NORTH SECTION)

PLAN & PROFILE GUTTER FLOWLINE (4 of 4)

DATE	REVISION



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11"X17" PAPER



SCALE: 1" = 40'

Date	05-22-23	SHEET 35 OF 143
Project	#4789	
Designer	RMB	

STAGE CONSTRUCTION NOTES

STAGE CONSTRUCTION SHALL BE COMPLETED IN THE FOLLOWING ORDER UNLESS OTHERWISE APPROVED BY THE ENGINEER EXCEPT STAGE 2 CAN BE ONGOING SIMULTANEOUSLY WITH STAGE 1.

STAGE 1 CONSTRUCTION WORK

COMPLETE ALL PROPOSED IMPROVEMENTS FROM AVENUE OF THE CITIES TO 18TH AVE. INCLUDING SHARED-USE PATH / SIDEWALK, PAVED DITCH & SEEDING.

ALL WORK INCLUDING LANDSCAPING WORK SHALL BE COMPLETED BY NOVEMBER 30, 2023.

STAGE 2 CONSTRUCTION WORK

PCC PATCHING ON THE SOUTHBOUND OUTSIDE LANE OF 19TH ST. BETWEEN 7TH AVE. AND 4TH AVE.

COMPLETE ALL PROPOSED IMPROVEMENTS ON THE WEST SIDE OF 19TH ST. BETWEEN 7TH AVE. AND 4TH AVE.

THE WEST LEG OF 5TH AVE. SHALL BE CLOSED NO LONGER THAN 15 WORKING DAYS TO COMPLETE THE PROPOSED IMPROVEMENTS IN THE NORTHWEST AND SOUTHWEST QUADRANTS.

ALL WORK SHALL BE COMPLETED BY NOVEMBER 17, 2023.

STAGE 3A CONSTRUCTION WORK

STAGE 3A SHALL NOT BEGIN UNTIL APRIL 1, 2024.

REMOVE AND REPLACE PAVEMENT ON 19TH ST BETWEEN 7TH AVE AND RIVER DR AS SHOWN.

PCC PATCHING ON THE SOUTHBOUND INSIDE LANE OF 19TH ST. BETWEEN 7TH AVE. AND 4TH AVE.

STAGE 3B CONSTRUCTION WORK

COMPLETE ALL REMAINING PROPOSED IMPROVEMENTS ON THE EAST SIDE OF 19TH ST BETWEEN 7TH AVE AND RIVER DR AS SHOWN.

STAGE 3B-1 WILL INCLUDE WORK IN THE SOUTHWEST QUADRANT OF 19TH ST AND 6TH AVE INTERSECTION WITH THE CORRESPONDING LANE CLOSURE ON 6TH AVE.

STAGE 3B-2 WILL INCLUDE WORK IN THE NORTHEAST QUADRANT OF 19TH ST AND 6TH AVE INTERSECTION WITH THE CORRESPONDING LANE CLOSURE IN 6TH AVE.

THE EAST LEG OF 5TH AVE. SHALL BE CLOSED NO LONGER THAN 15 WORKING DAYS TO COMPLETE THE PROPOSED IMPROVEMENTS IN THE NORTHWEST AND SOUTHWEST QUADRANTS.

COMPLETE ALL PROPOSED IMPROVEMENTS IN THE NORTHEAST CORNER OF 19TH ST AND RIVER DR.

COMPLETE ALL PROPOSED IMPROVEMENTS IN THE NORTHEAST CORNER OF 19TH ST AND 4TH AVE.

STAGE 3C CONSTRUCTION WORK

STAGE 3C SHALL BE COMPLETED IN TWO SUB-STAGES. THESE SUB-STAGES SHALL NOT BE ONGOING SIMULTANEOUSLY.

COMPLETE ALL PROPOSED IMPROVEMENTS ON THE WEST SIDE OF 19TH ST BETWEEN 4TH AVE AND RIVER DR. (STAGE 3C-1)

COMPLETE ALL PROPOSED IMPROVEMENTS ON THE WEST LEG OF RIVER DR. (STAGE 3C-2)

STAGE 4 CONSTRUCTION WORK

ONCE STAGE 3A, 3B & 3C HAS BEEN COMPLETED, COMPLETE THE MILLING AND PAVING USING APPLICABLE IDOT TRAFFIC CONTROL STANDARDS WHILE MAINTAINING ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.

STAGE 5 CONSTRUCTION WORK

REMOVE AND REPLACE PAVEMENT FOR DECORATIVE CROSS WALKS ALONG 19TH ST BETWEEN 7TH AVE AND 4TH AVE.

ALTERNATE LANE CLOSURES MAINTAINING 1 LANE OF TRAFFIC IN EACH DIRECTION ON 19TH ST AT ALL TIMES.

STAGE 6 CONSTRUCTION WORK

COMPLETE FINAL PAVEMENT STRIPING ALONG 19TH ST BETWEEN 7TH AVE AND RIVER DR.

ALTERNATE LANE CLOSURES MAINTAINING 1 LANE OF TRAFFIC IN EACH DIRECTION ON 19TH ST AT ALL TIMES.

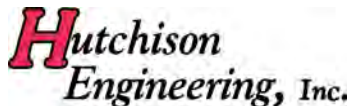
GENERAL NOTES

- A. ALL WORK IN STAGES 3, 4 AND 5 SHALL BE COMPLETED ON AN EXPEDITED SCHEDULE SO THAT STAGE 6 CAN BE COMPLETED WHEN TEMPERATURES FOR PLACEMENT OF PAVEMENT MARKINGS ARE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- B. WHENEVER THERE IS AN ELEVATION DIFFERENCE BETWEEN PROPOSED PCC BASE CSE/PCC JOINTED PAVEMENT AND THE EXISTING PAVEMENT, A TEMPORARY HMA WEDGE SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER. THE WORK TO PLACE AND REMOVE THE HMA WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL & PROTECTION (SPECIAL).
- C. TRUCK TRAFFIC SHALL BE ELIMINATED ON 19TH ST. DURING STAGES 2, 3A, AND 3B. THIS SHALL BE ACCOMPLISHED BY SIGNING A TRUCK DETOUR. PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS OF SIGNING SHALL BE SIGNING SHALL BE PLACED AS FOLLOWS:
 - I. RIVER DRIVE:
 - 1. EASTBOUND:
 - 1.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON EASTBOUND RIVER DRIVE IN ADVANCE OF 19TH ST.
 - 1.2. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED ON EASTBOUND RIVER DRIVE IN ADVANCE OF 19TH ST.
 - 1.3. A TRUCK DETOUR SIGN WITH RIGHT ARROW SHALL BE PLACED ON EASTBOUND RIVER DRIVE IN ADVANCE OF 23RD ST.
 - 1.4. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED ON SOUTHBOUND 23RD ST. IN ADVANCE OF 4TH AVE.
 - 1.5. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED ON SOUTHBOUND 23RD ST. IN ADVANCE OF 6TH AVE.
 - 1.6. A TRUCK DETOUR SIGN WITH LEFT ARROW SHALL BE PLACED ON WESTBOUND 7TH AVE. IN ADVANCE OF 19TH ST.
 - 2. WESTBOUND:
 - 2.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON WESTBOUND RIVER DRIVE IN ADVANCE OF 23RD ST.
 - 2.2. A TRUCK DETOUR SIGN WITH LEFT ARROW SHALL BE PLACED ON WESTBOUND RIVER DRIVE IN ADVANCE OF 23RD ST.
 - II. 4TH AVE.:
 - 1. WESTBOUND:
 - 1.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON WESTBOUND 4TH AVE. IN ADVANCE OF 23RD ST.
 - 1.2. A TRUCK DETOUR SIGN WITH LEFT ARROW SHALL BE PLACED ON WESTBOUND 4TH AVE. IN ADVANCE OF 23RD ST.
 - III. 6TH AVE.:
 - 1. EASTBOUND:
 - 1.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON EASTBOUND 6TH AVE. IN ADVANCE OF 19TH ST.
 - 1.2. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED ON 6TH AVE. IN ADVANCE OF 19TH ST.
 - 1.3. A TRUCK DETOUR SIGN WITH RIGHT ARROW SHALL BE PLACED ON EASTBOUND 6TH AVE. IN ADVANCE OF 23RD ST.
 - IV. 7TH AVE.:
 - 1. EASTBOUND:
 - 1.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON EASTBOUND 7TH AVE. IN ADVANCE OF 18TH ST.
 - 1.2. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED ON 7TH AVE. IN ADVANCE OF 19TH ST.
 - 1.3. A TRUCK DETOUR SIGN WITH STRAIGHT ARROW SHALL BE PLACED BETWEEN 19TH ST. AND 23RD ST.
 - 1.4. A TRUCK DETOUR SIGN WITH RIGHT ARROW SHALL BE PLACED IN ADVANCE OF THE 6TH AVE. INTERSECTION.
 - 2. WESTBOUND:
 - 2.1. A NO TRUCKS ON 19TH ST. SIGN SHALL BE PLACED ON THE EASTBOUND I-74 OFF RAMP TO 6TH AVE. AT A LOCATION AS DIRECTED BY THE ENGINEER.
 - 2.2. A TRUCK DETOUR SIGN WITH LEFT ARROW SHALL BE PLACED ON THE EASTBOUND I-74 OFF RAMP TO 6TH AVE. NEAR THE 6TH AVE. INTERSECTION AT A LOCATION AS DIRECTED BY THE ENGINEER.
- D. CHANGEABLE MESSAGE BOARDS WILL BE REQUIRED IN ADVANCE OF THE DIFFERENT STAGES AT THE DIRECTION OF THE ENGINEER. MULTIPLE MESSAGE BOARDS MAY BE REQUIRED AT ONE TIME.
- E. FLEXIBLE DELINEATORS SHALL BE REQUIRED AS SHOWN IN THE PLANS. FLEXIBLE DELINEATORS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION SPECIAL.
- F. FINAL COMPLETION FOR ALL WORK SHALL BE NOVEMBER 15, 2024.

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19TH ST. BIKE PATH
19TH ST.
STAGE CONSTRUCTION NOTES (1 OF 2)

DATE	REVISION



SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION NOTES

TRAFFIC SIGNAL NOTES

1. EXISTING SIGNAL HEADS WILL NEED TO BE COVERED WITHIN DIFFERENT STAGES.
2. EXISTING TRAFFIC SIGNAL HEADS MAY NEED TO BE RELOCATED ON THE EXISTING MAST ARMS WITHIN DIFFERENT STAGES.
3. THE CONTRACTOR SHALL WORK WITH THE CITY STAFF TO ADJUST TRAFFIC SIGNAL TIMINGS AS NECESSARY THROUGHOUT STAGE CONSTRUCTION FOR THE EXISTING TRAFFIC SIGNALS AND TEMPORARY TRAFFIC SIGNALS. TIMINGS SHALL BE ADJUSTED TO ACCOMMODATE THE CHANGING TRAFFIC PATTERNS TO MINIMIZE DELAYS.

THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM TRAFFIC CONTROL AND PROTECTION (SPECIAL).

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
5. CHANGE IN STAGE SHALL BE COORDINATED WITH THE ENGINEER AT LEAST 2 WEEKS IN ADVANCE AND APPROVED BY THE ENGINEER.
6. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY THE WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
7. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL SURFACES OUTSIDE OF THE PROJECT LIMITS AND ON THE FINAL PAVEMENT SURFACE. CONFLICTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "PAVEMENT MARKING REMOVAL - WATER BLASTING". CONFLICTING PAVEMENT MARKINGS OUTSIDE THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "PAVEMENT MARKING REMOVAL - WATER BLASTING".
8. QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS, TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKING REMOVAL ARE NOT INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.

ACCESS MAINTENANCE NOTES

MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO THE CITY. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF THE DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER:

1. TEMPORARY DRIVES SHALL BE CONSTRUCTED TO A MINIMUM OF 10'. THE CONTRACTOR SHALL NOTE THAT THE TEMPORARY DRIVEWAY PAVEMENT WIDTH MAY EXCEED THE WIDTH OF THE EXISTING DRIVEWAY. THE COST OF PLACING, MAINTAINING AND REMOVING TEMPORARY DRIVES SHALL BE INCLUDED IN THE COST OF "AGGREGATE FOR TEMPORARY ACCESS".
2. ALL BARRICADES REQUIRED TO SUB-STAGE DRIVEWAY CONSTRUCTION AND MAINTAIN ACCESS TO DRIVEWAYS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

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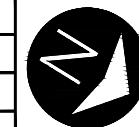


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19TH ST. BIKE PATH
19TH ST.
STAGE CONSTRUCTION NOTES (2 OF 2)

DATE	REVISION



NORTH

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11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION SIGN LEGEND



R3-7R
24x24



W20-1103(0)-48



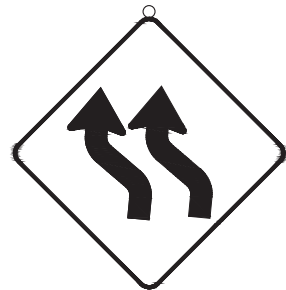
R3-1100
24x24



W1-4R(0)
48x48



W20-5R(0)-48



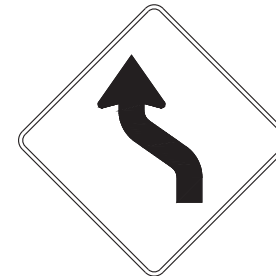
W1-4BL
48x48



W20-3(0)-48



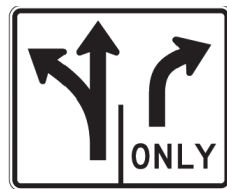
R3-1100a
24x24



W1-4L(0)
48x48



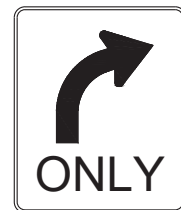
W20-3L(0)-48



R3-8 (LT-R)
30x48



R11-2
24x24



R3-5R
30x12



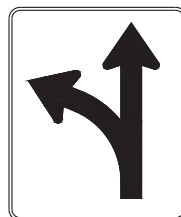
M6-2R
21x15



W4-2L(O)-48



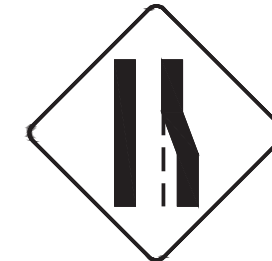
R3-2
24x24



R3-6L
30x36



M6-2L
21x15



W4-2R(O)-48

NOTE:
SIGNS ARE NOT TO SCALE



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19TH ST. BIKE PATH
19TH ST.
STAGE CONSTRUCTION LEGEND

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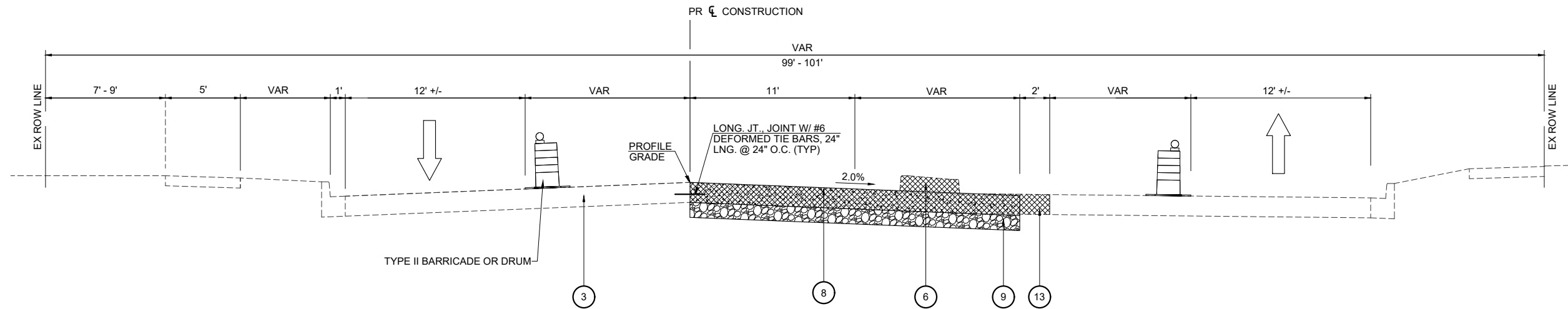


NORTH

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Project **#4789**
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STAGE 3A TYPICAL SECTION
19TH ST.

7TH AVE. TO 6TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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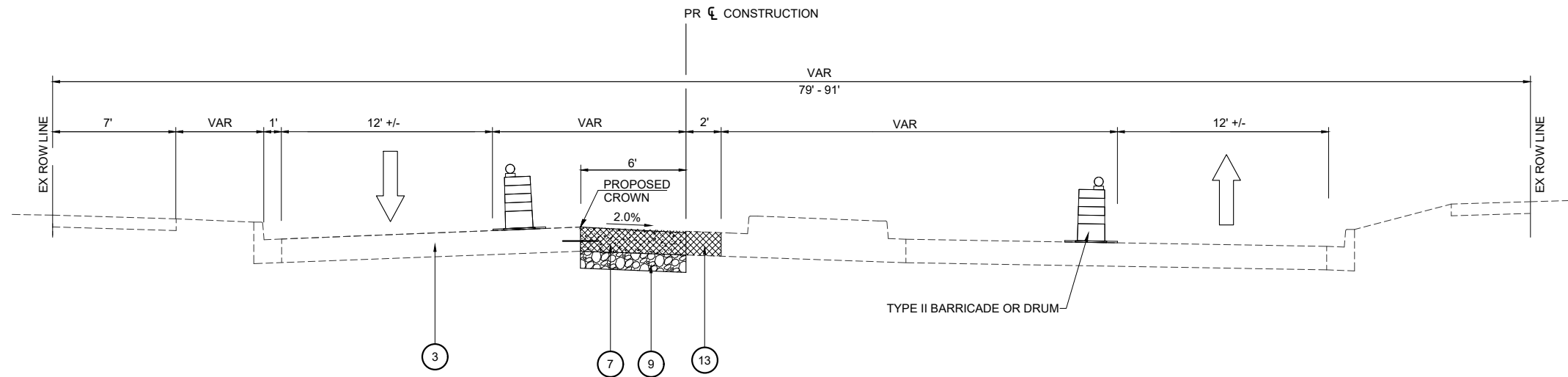
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION TYPICAL
SECTION (1 of 4)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

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STAGE 3A CONSTRUCTION TYPICAL SECTION

19TH ST.

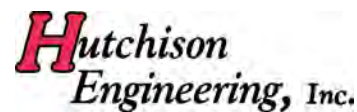
6TH AVE. TO 5TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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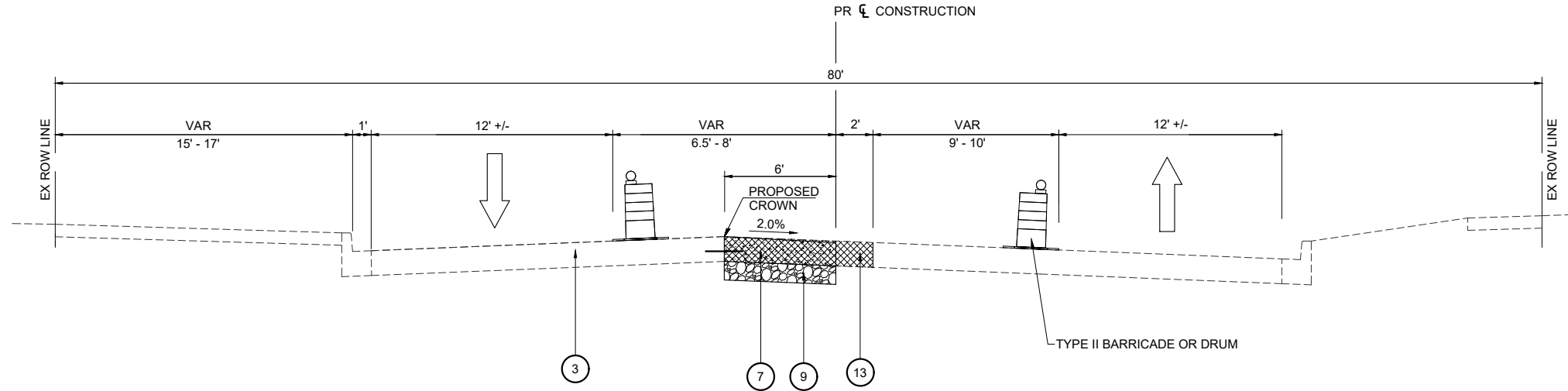
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION TYPICAL
SECTION (2 of 4)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

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OF
143



STAGE 3A CONSTRUCTION TYPICAL SECTION
19TH ST.
 5TH AVE. TO 4TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 STAGE 3A CONSTRUCTION TYPICAL
 SECTION (2 of 4)

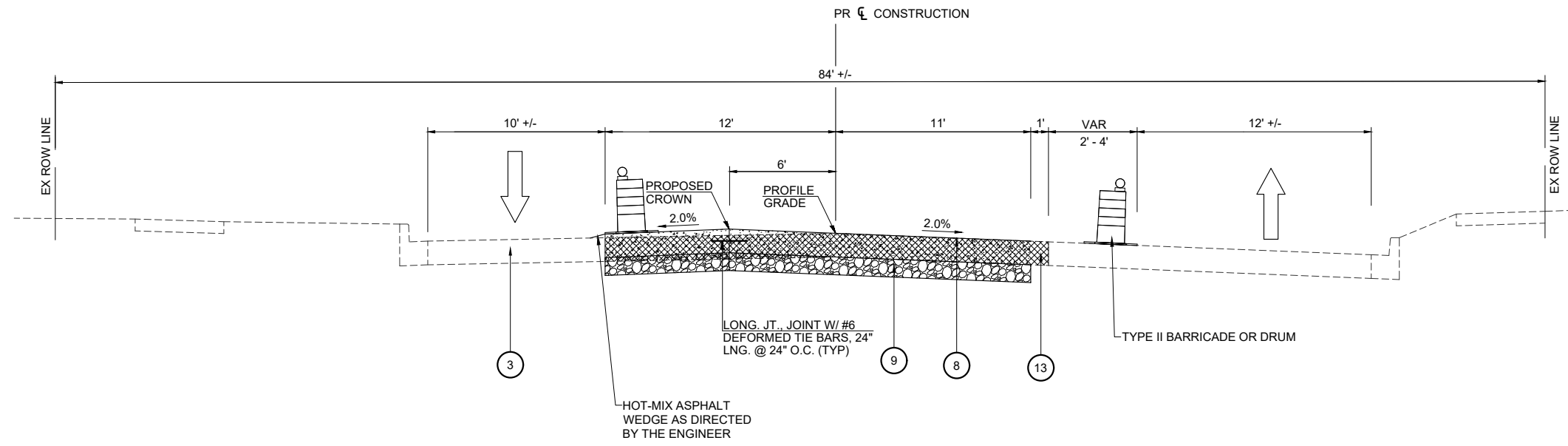
DATE	REVISION

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 SCALE: 0" = 0'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

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41
 OF
143



STAGE 3A CONSTRUCTION TYPICAL SECTION

19TH ST.

STA. 24+60.00 TO RIVER DR.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETSCAPE PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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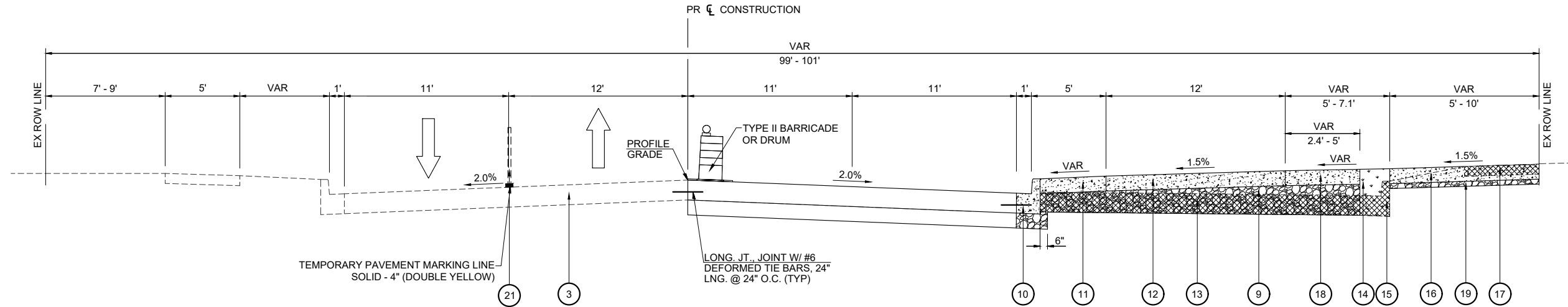
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION TYPICAL
SECTION (4 of 4)

DATE	REVISION

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0' 0' 0'
SCALE: 0" = 0'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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42
OF
143



STAGE 3B TYPICAL SECTION
19TH ST.

7TH AVE. TO 6TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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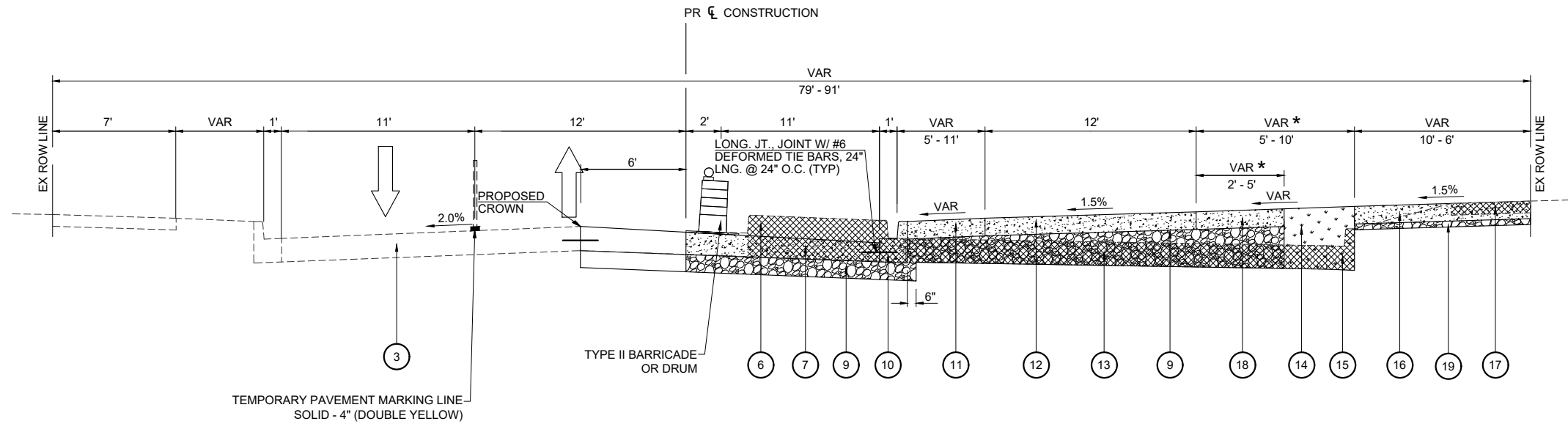
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION TYPICAL
SECTION (1 of 4)

DATE	REVISION

SCALED FOR
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0' 0' 0'
SCALE: 0" = 0'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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43
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143



STAGE 3B CONSTRUCTION TYPICAL SECTION

19TH ST.

6TH AVE. TO 5TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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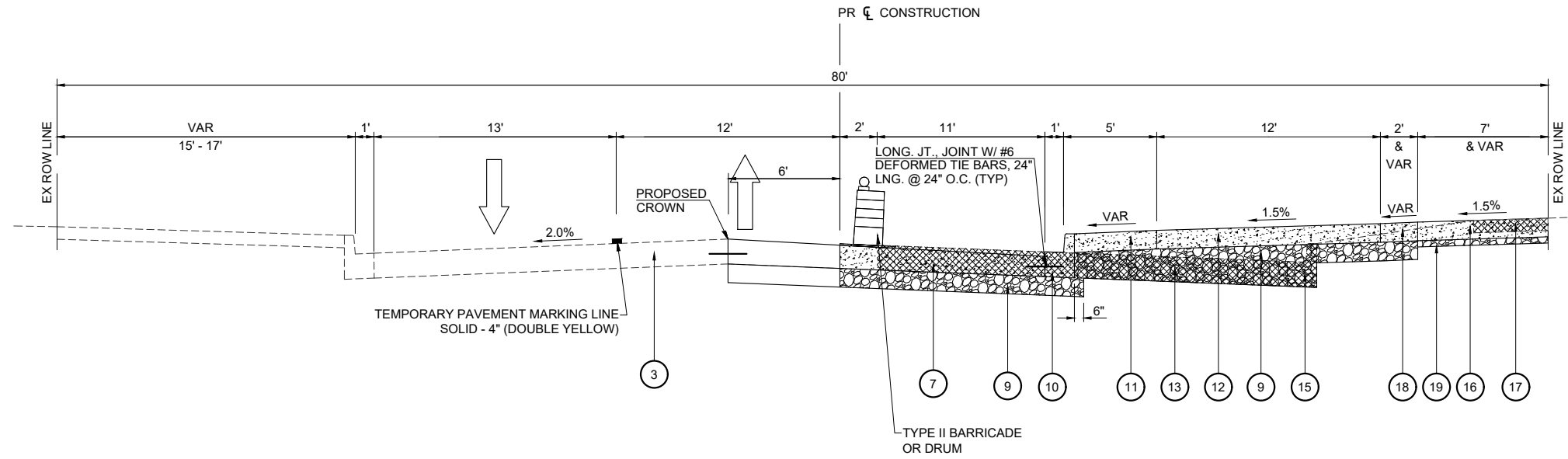
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION TYPICAL
SECTION (2 of 4)

DATE	REVISION

SCALED FOR
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0' 0' 0'
SCALE: 0" = 0'

Date **05-22-23**
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Designer **RMB**

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143



STAGE 3B CONSTRUCTION TYPICAL SECTION

19TH ST.

5TH AVE. TO 4TH AVE.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETSCAPE PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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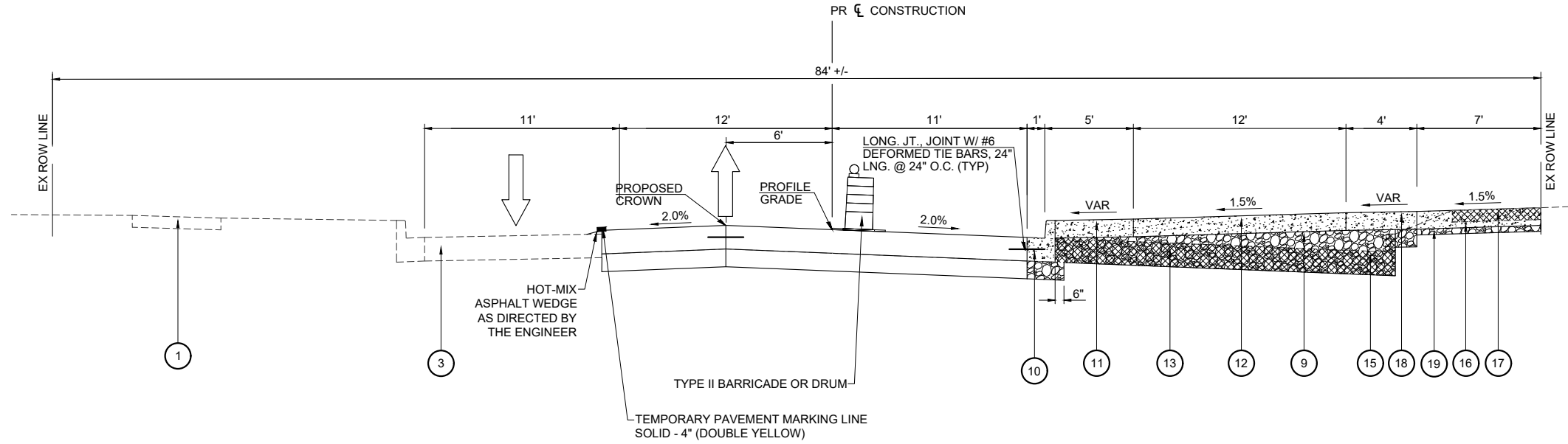
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION TYPICAL
SECTION (3 of 4)

DATE	REVISION

SCALED FOR
11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date **05-22-23**
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Designer **RMB**

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45
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143



STAGE 3B CONSTRUCTION TYPICAL SECTION
19TH ST.
 STA. 24+60.00 TO RIVER DR.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETSCAPE PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 STAGE 3B CONSTRUCTION TYPICAL
 SECTION (4 of 4)

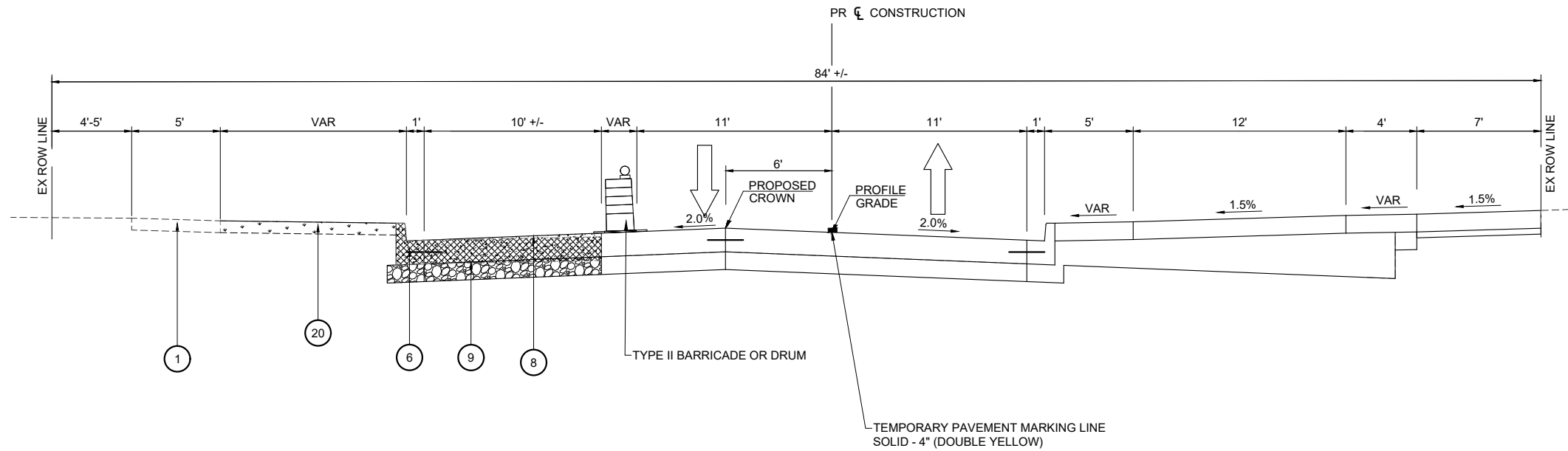
DATE	REVISION

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 SCALE: 0" = 0'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

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143



STAGE 3C-1 CONSTRUCTION TYPICAL SECTION

19TH ST.

STA. 24+60.00 TO RIVER DR.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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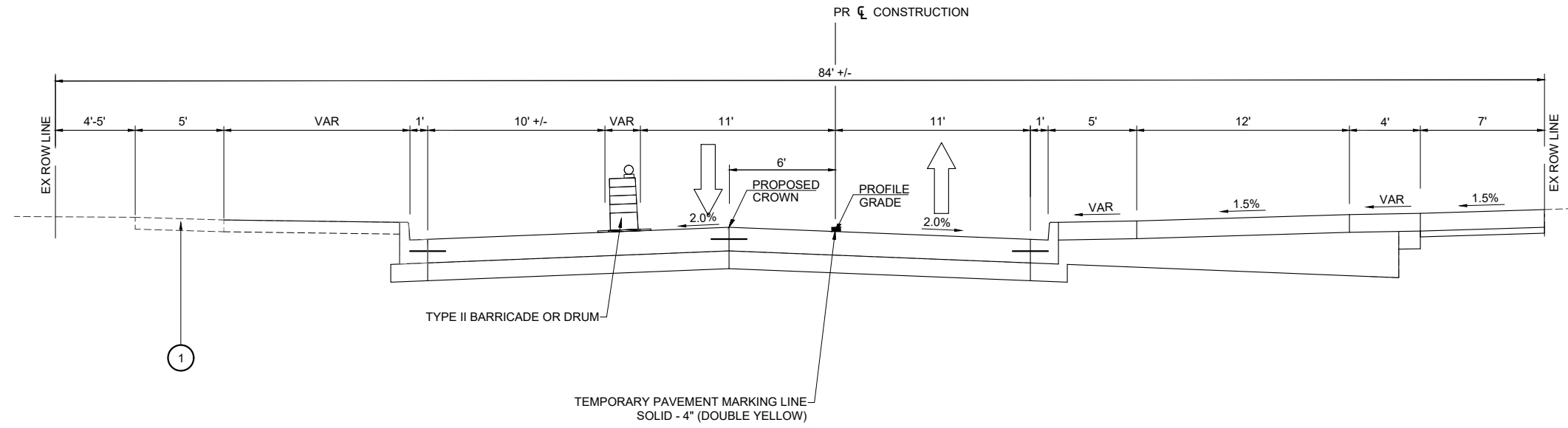
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3C CONSTRUCTION TYPICAL
SECTION (1 of 2)

DATE	REVISION

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11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

Date **05-22-23**
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143



STAGE 3C-2 CONSTRUCTION TYPICAL SECTION

19TH ST.

STA. 24+60.00 TO RIVER DR.

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING CONCRETE SIDEWALK (TO REMAIN) ② EXISTING CONCRETE CURB & GUTTER (TO REMAIN) ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (NOMINAL 8") ④ PROPOSED CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH, 1-1/2" MAX) ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (VARIABLE DEPTH, NOMINAL 1-1/2") ⑥ EXISTING ISLAND / MEDIAN (TO BE REMOVED) ⑦ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8" ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE B (6" MINIMUM) ⑩ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | <ul style="list-style-type: none"> ⑪ PROPOSED PORTLAND CEMENT CONCRETE 6 INCH (SEE STREETScape PLAN) ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (BIKE PATH) ⑬ EXISTING PAVEMENT (TO BE REMOVED) ⑭ PROPOSED PLANTING MIX FURNISH AND PLACE, 36" ⑮ EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED) ⑯ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH ⑰ EXISTING CONCRETE SIDEWALK (TO BE REMOVED) ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, TEXTURED, COLORED, 6 INCH ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B (2") ⑳ PROPOSED SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4" ㉑ PROPOSED FLEXIBLE DELINEATORS (CONTRACTOR TO REFER TO STANDARD 635001-01) |
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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3C CONSTRUCTION TYPICAL
SECTION (2 of 2)

DATE	REVISION

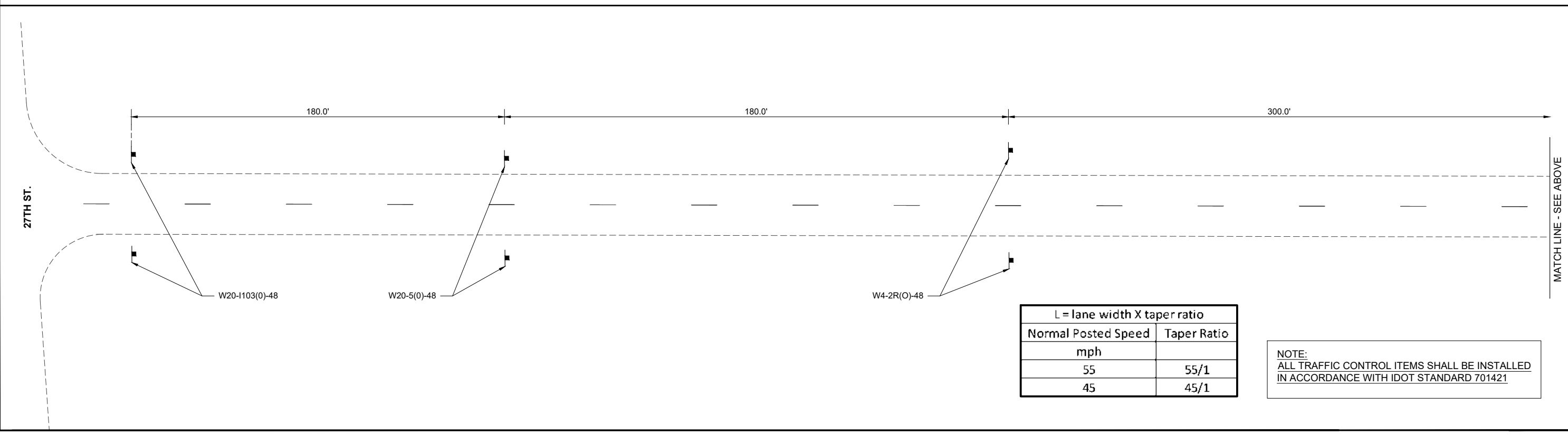
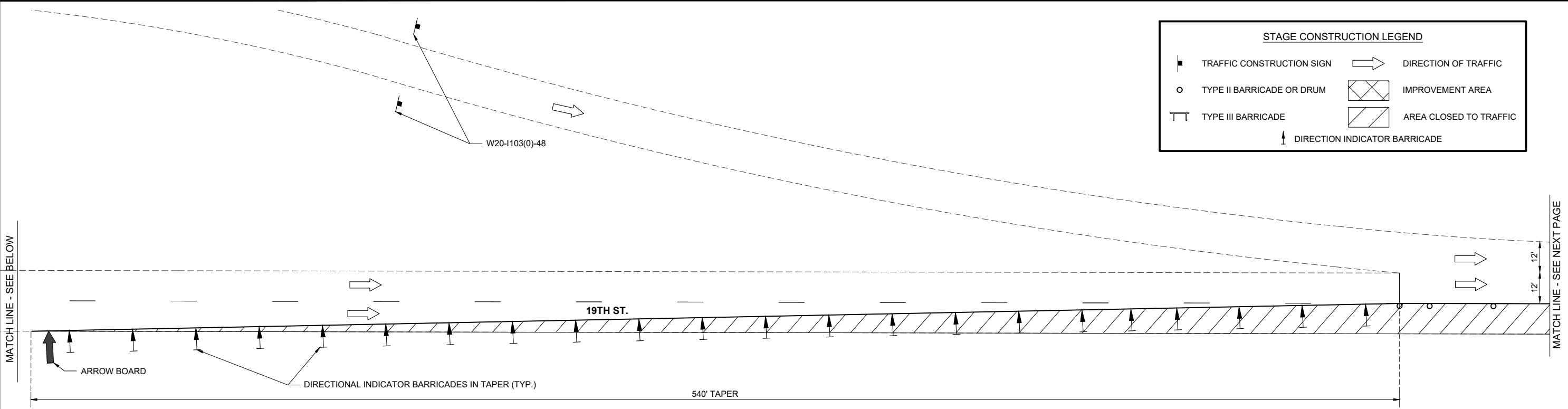
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SCALE: 0" = 0'

Date **05-22-23**
Project **#4789**
Designer **RMB**

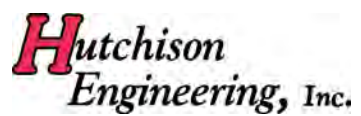
SHEET
48
OF
143

STAGE CONSTRUCTION LEGEND

- TRAFFIC CONSTRUCTION SIGN
 DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM
 IMPROVEMENT AREA
- TYPE III BARRICADE
 AREA CLOSED TO TRAFFIC
- DIRECTION INDICATOR BARRICADE

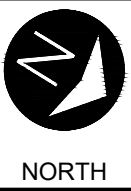


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19TH ST. BIKE PATH
 19TH ST. (SOUTH SECTION)
 STAGE 1 CONSTRUCTION PLAN (1 of 3)

DATE	REVISION

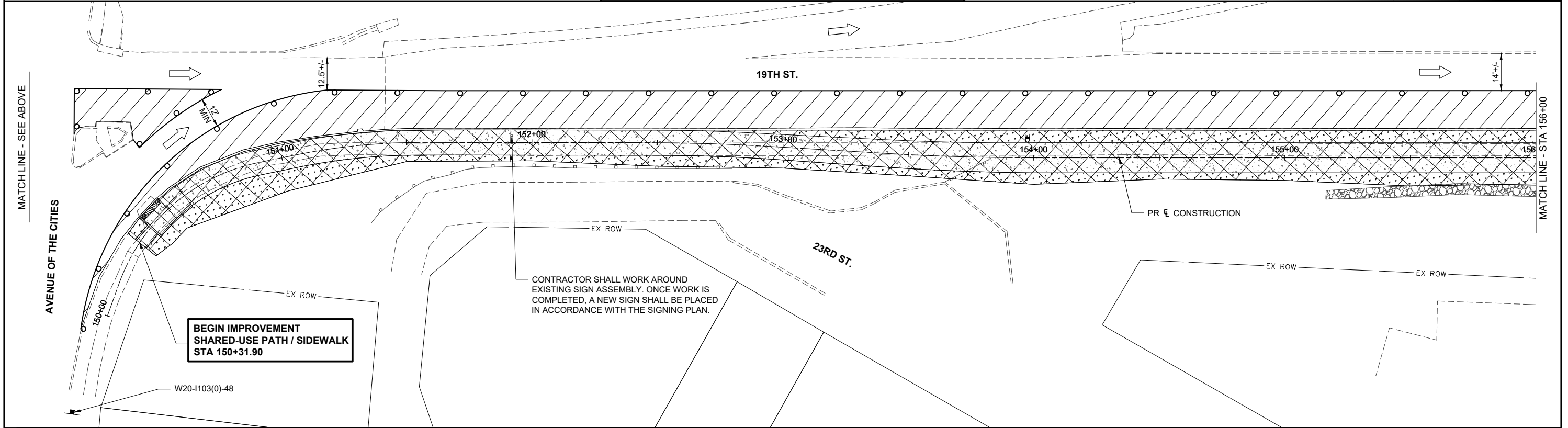
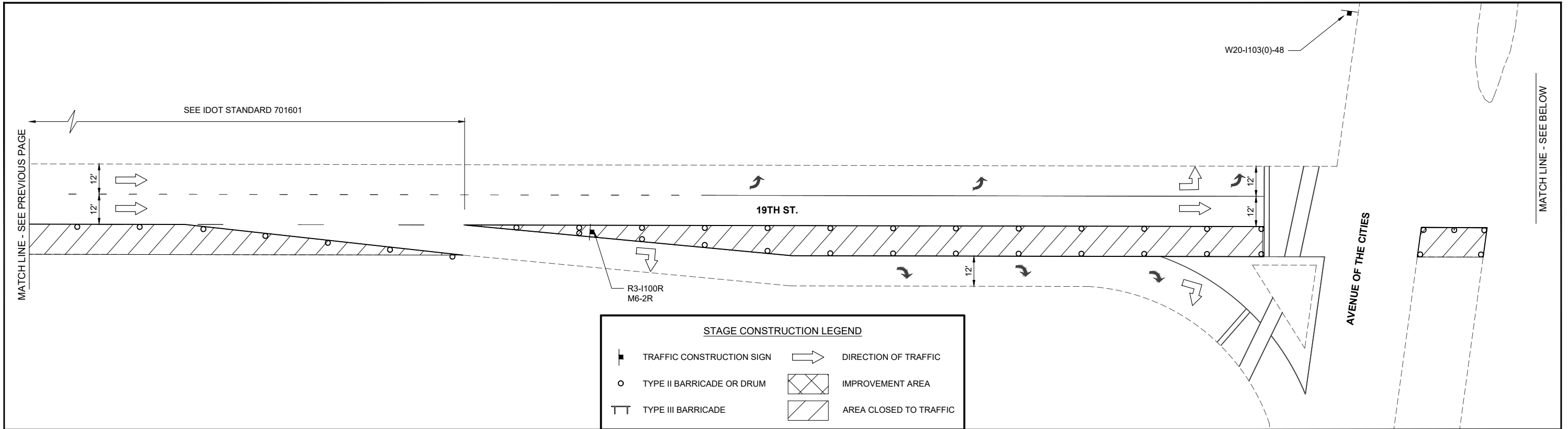


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 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
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 OF
143



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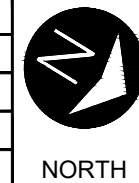


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19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
STAGE 1 CONSTRUCTION PLAN (2 of 3)

DATE	REVISION



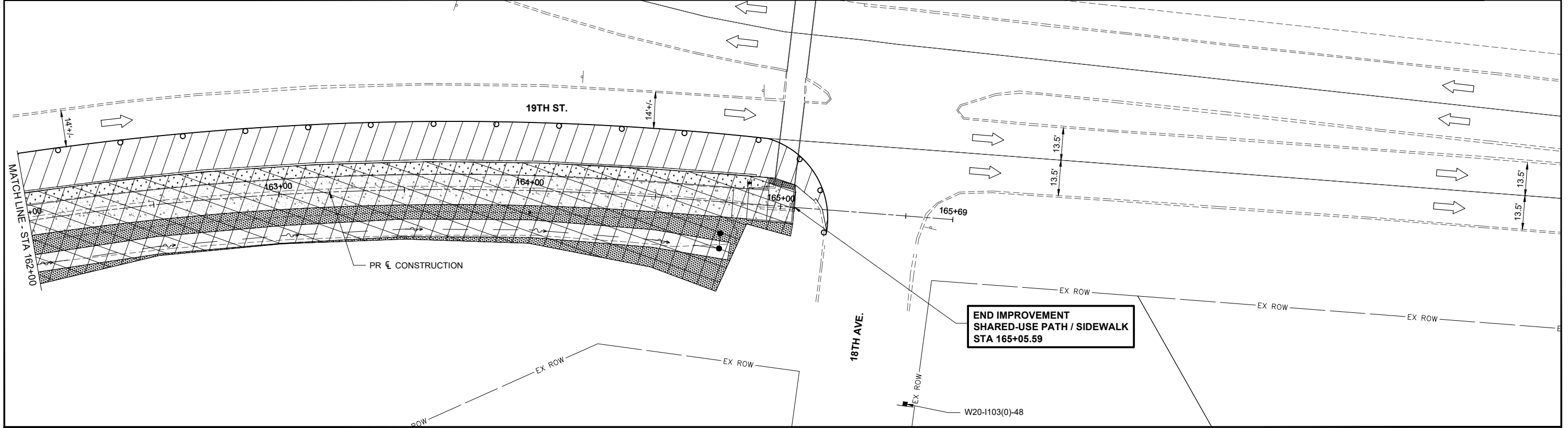
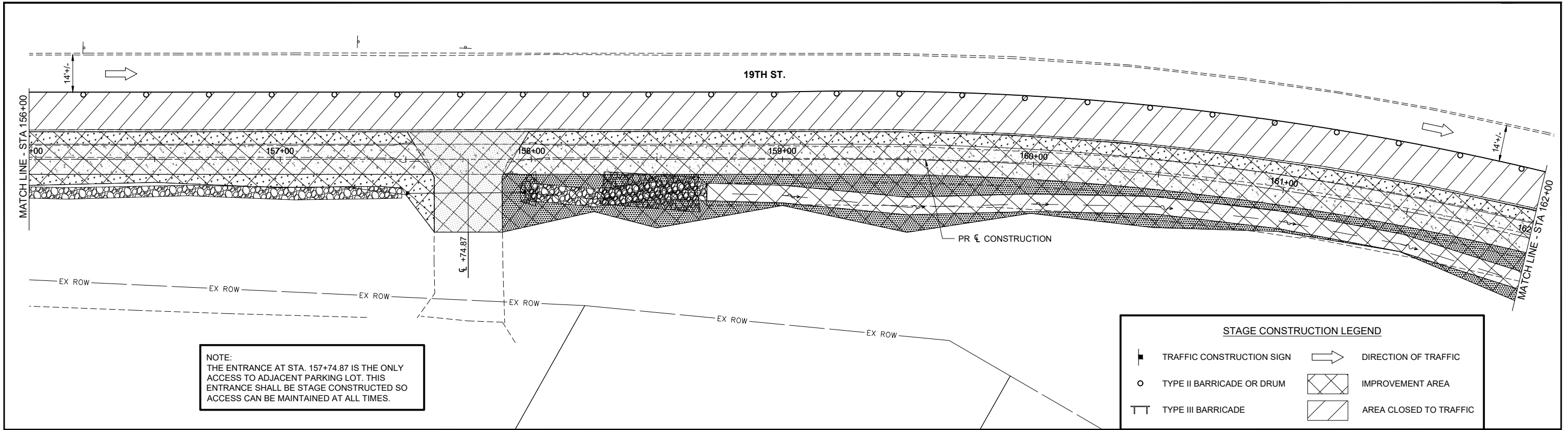
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11"X17" PAPER

0' 20' 40'

SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
143



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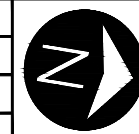


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19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
STAGE 1 CONSTRUCTION PLAN (3 of 3)

DATE	REVISION



NORTH

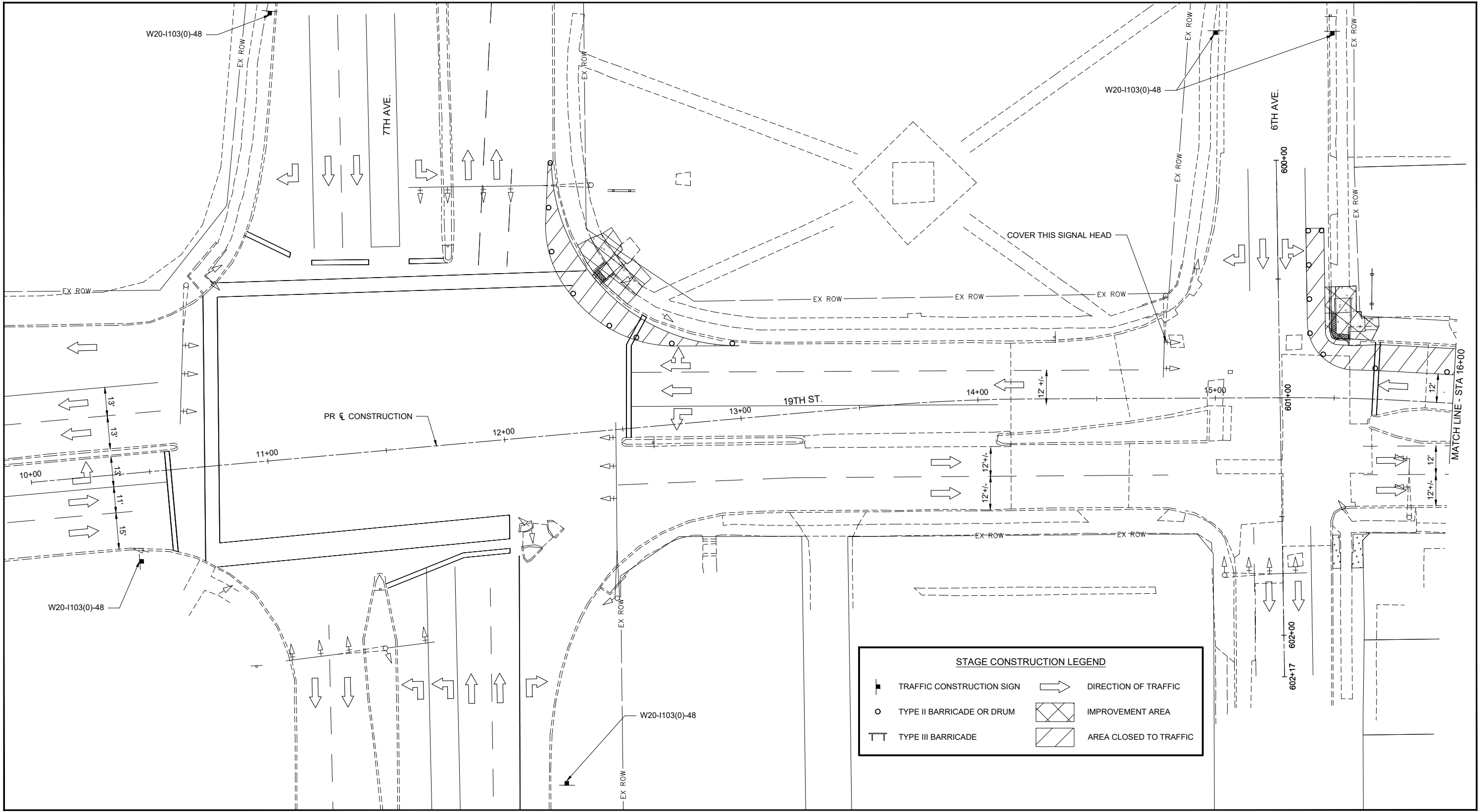
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SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

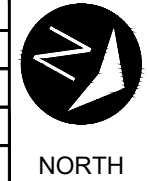


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 2 CONSTRUCTION PLAN (1 of 4)

DATE	REVISION

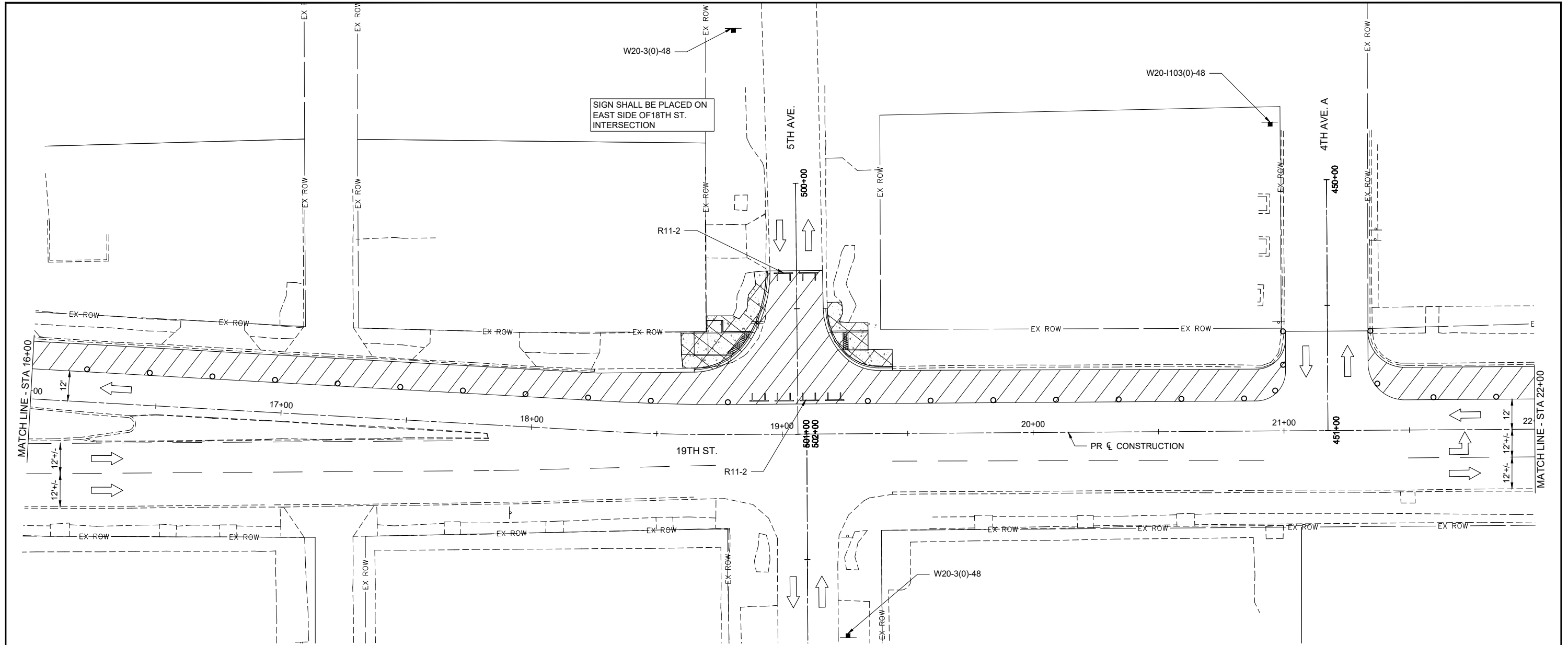


SCALED FOR
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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging 2.dwg



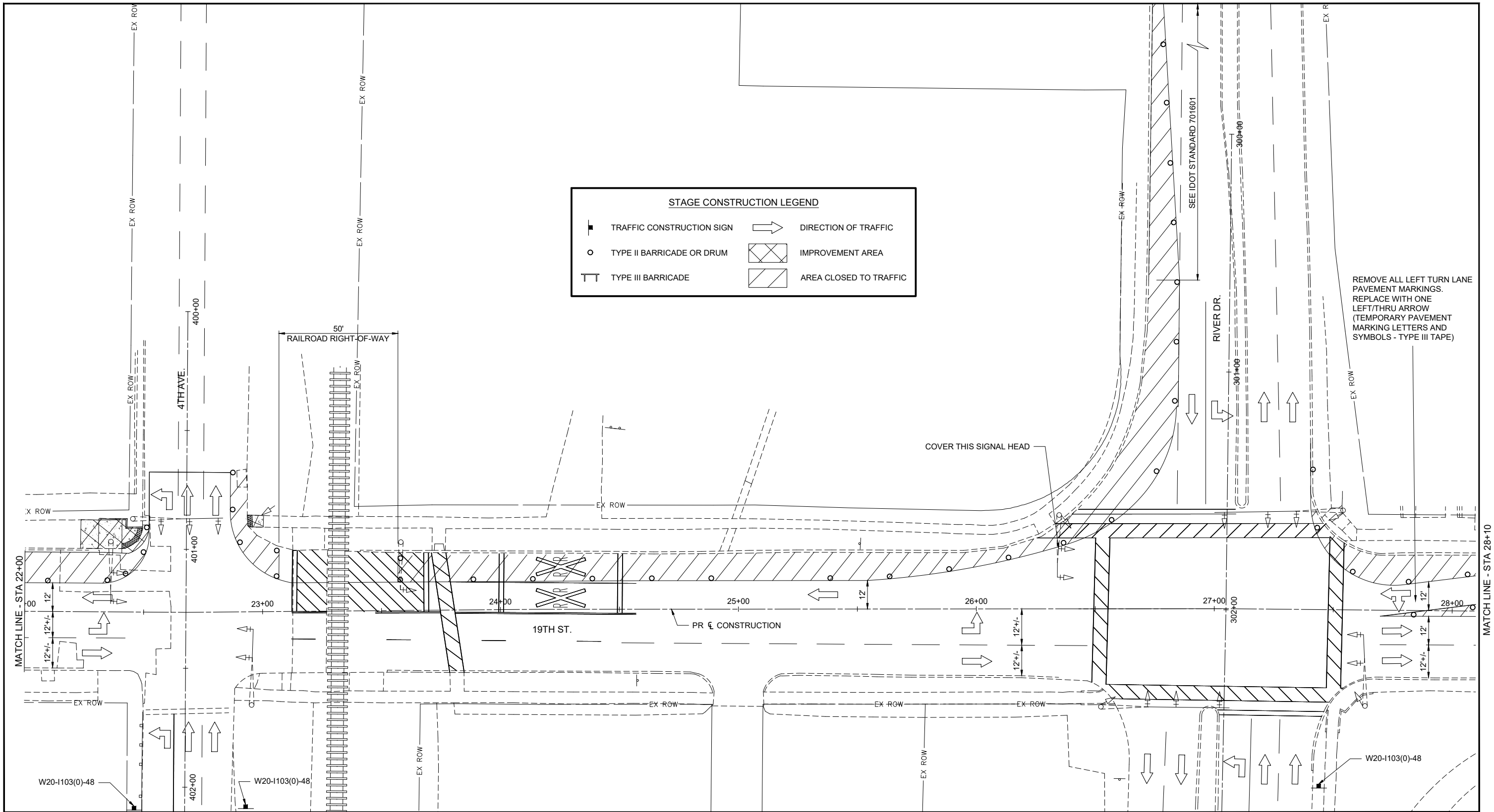
STAGE CONSTRUCTION LEGEND

<ul style="list-style-type: none"> TRAFFIC CONSTRUCTION SIGN TYPE II BARRICADE OR DRUM TYPE III BARRICADE 	<ul style="list-style-type: none"> DIRECTION OF TRAFFIC IMPROVEMENT AREA AREA CLOSED TO TRAFFIC
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MATCH LINE - SEE NEXT PAGE

STAGE CONSTRUCTION LEGEND

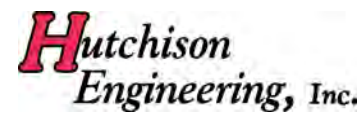
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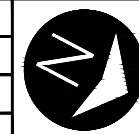


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 2 CONSTRUCTION PLAN (3 of 4)

DATE	REVISION



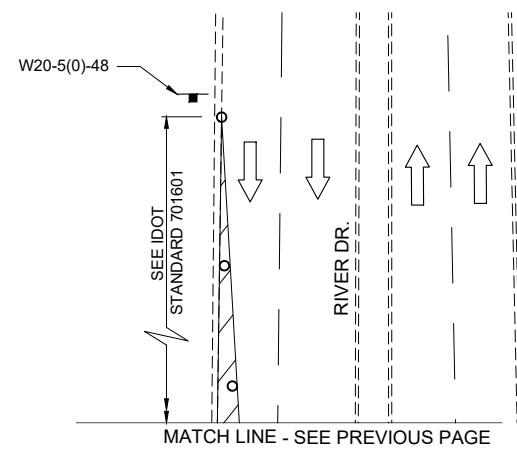
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SCALE: 1" = 40'

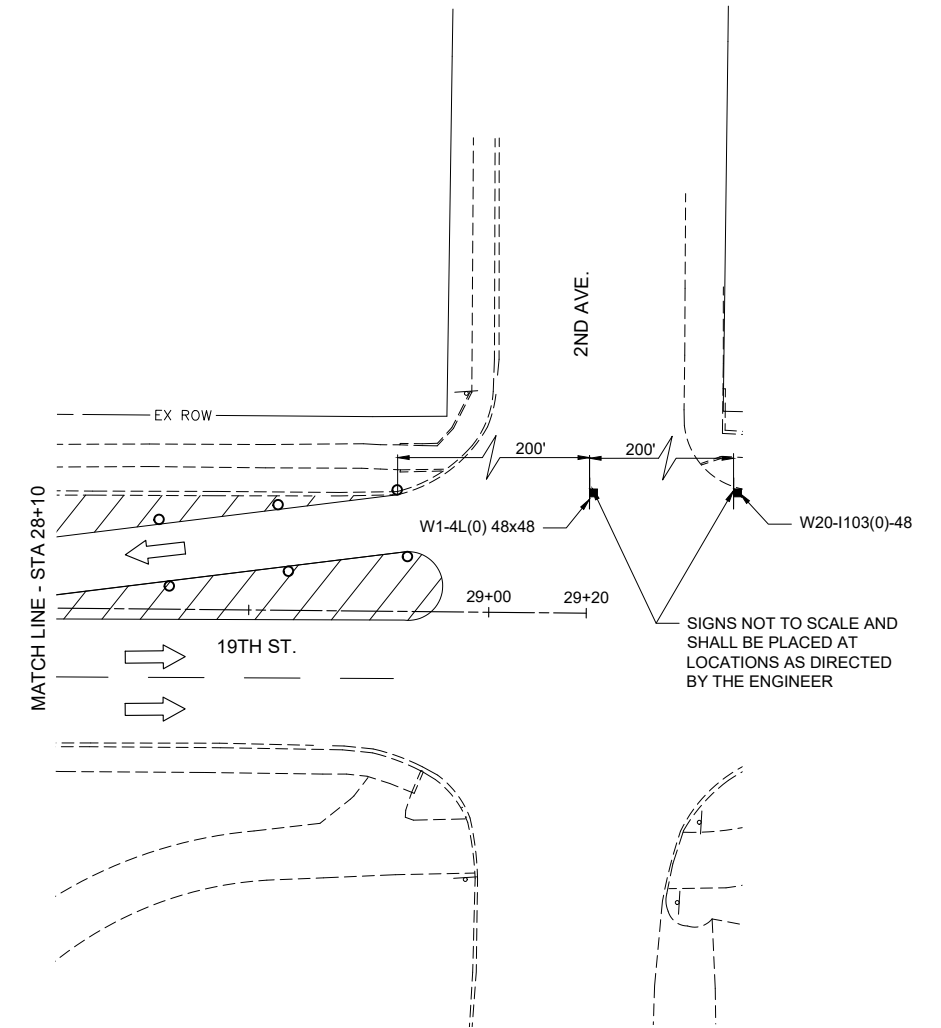
Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

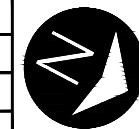


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 2 CONSTRUCTION PLAN (4 of 4)

DATE	REVISION



NORTH

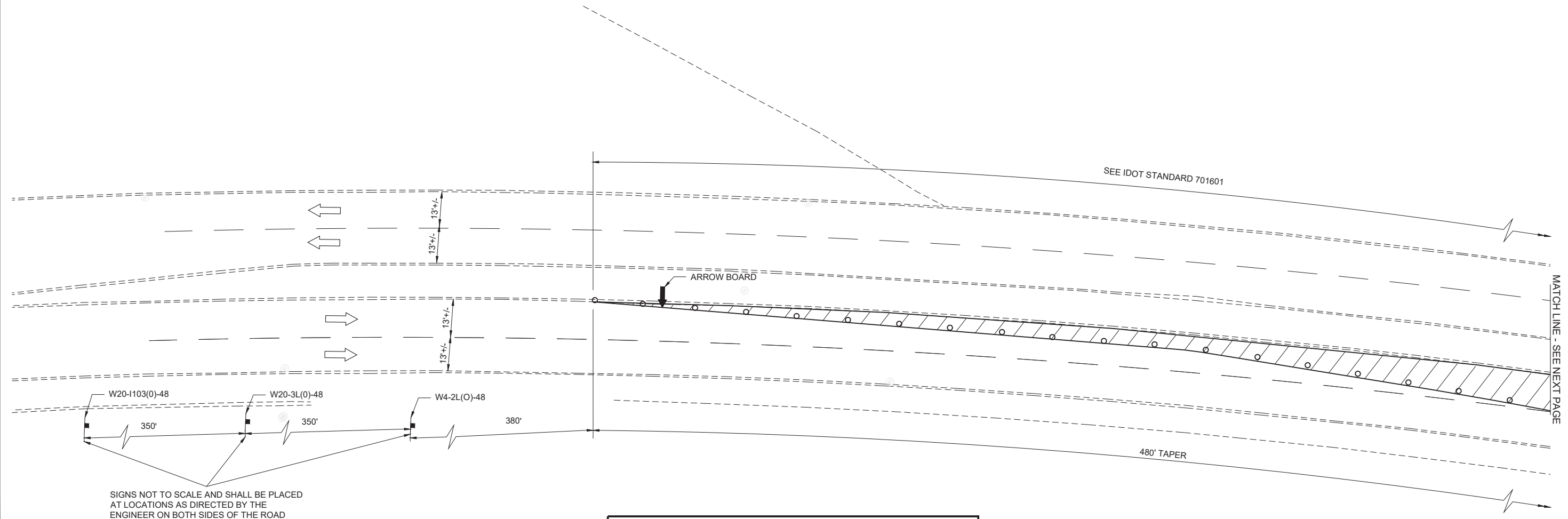
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11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
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ALL TRAFFIC CONTROL ITEMS SHALL BE INSTALLED
IN ACCORDANCE WITH IDOT STD. 701601



SIGNS NOT TO SCALE AND SHALL BE PLACED
AT LOCATIONS AS DIRECTED BY THE
ENGINEER ON BOTH SIDES OF THE ROAD

STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		WORK AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION PLAN (1 of 5)

DATE	REVISION

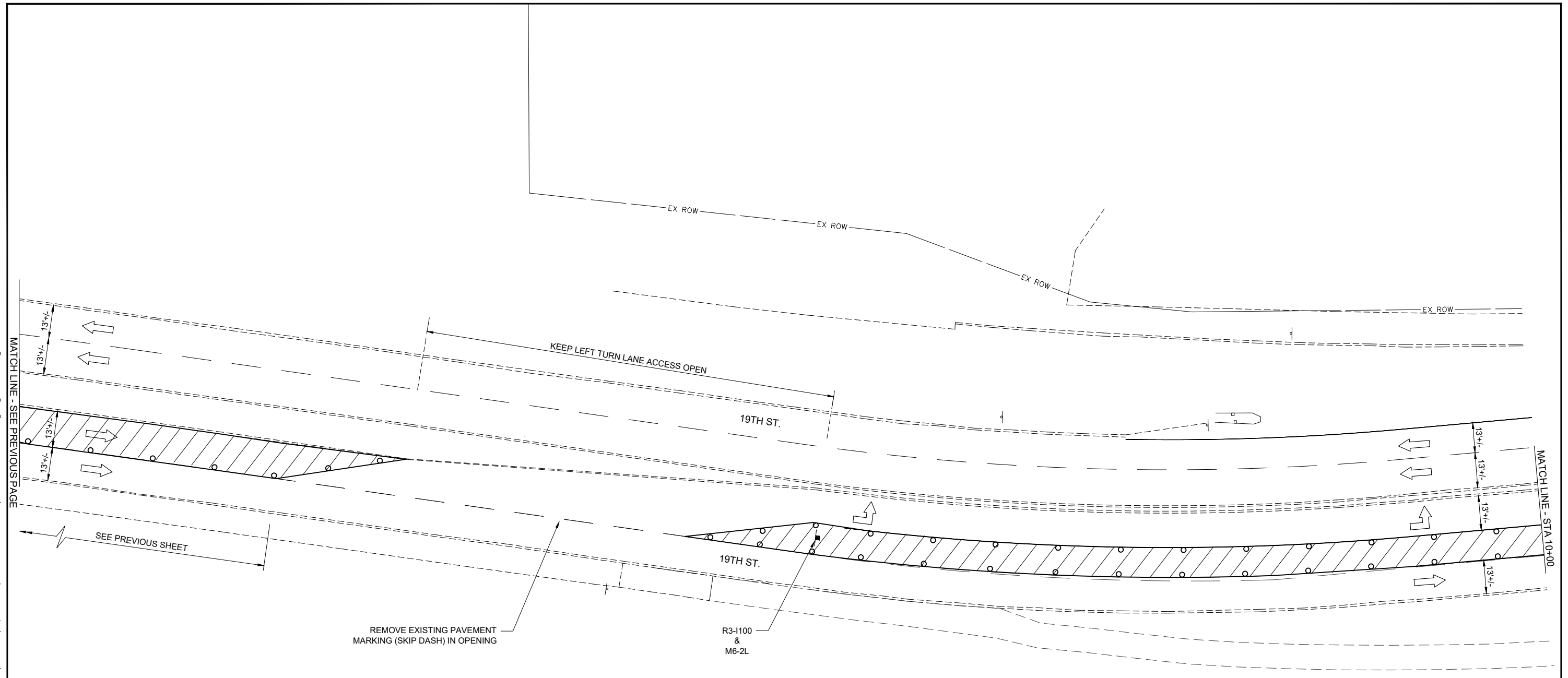


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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		WORK AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

ALL TRAFFIC CONTROL ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH IDOT STD. 701601



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION PLAN (2 of 5)

DATE	REVISION

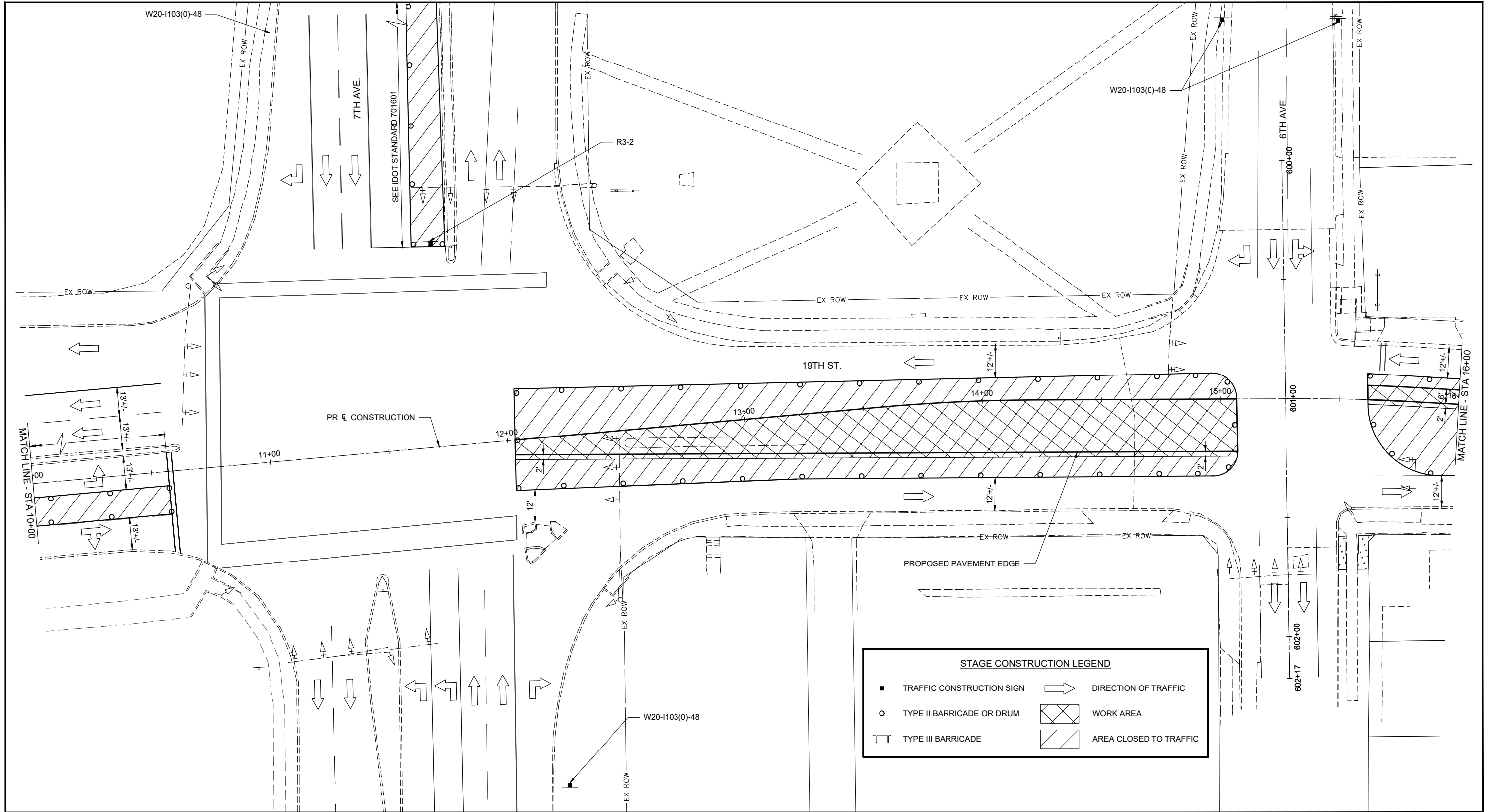


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0' 20' 40'
SCALE: 1" = 40'

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Project **#4789**
Designer **RMB**

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143

MATCH LINE - SEE NEXT PAGE



STAGE CONSTRUCTION LEGEND

■	TRAFFIC CONSTRUCTION SIGN	➔	DIRECTION OF TRAFFIC
○	TYPE II BARRICADE OR DRUM	▨	WORK AREA
⊥	TYPE III BARRICADE	▩	AREA CLOSED TO TRAFFIC

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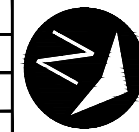


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION PLAN (3 of 5)

DATE	REVISION



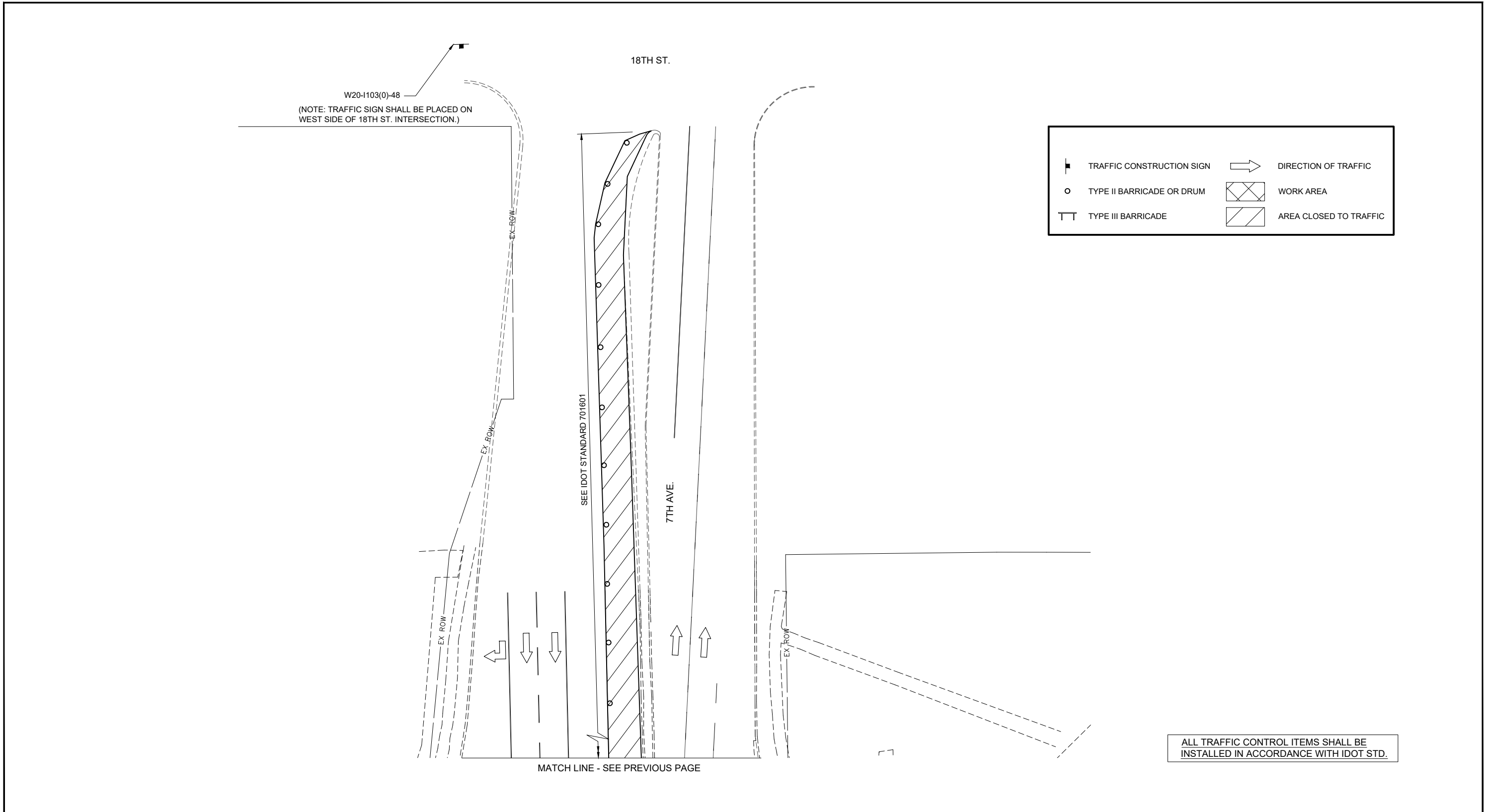
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SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
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OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3a.dwg

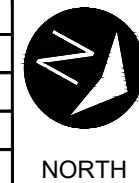


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3A CONSTRUCTION PLAN (4 of 5)

DATE	REVISION

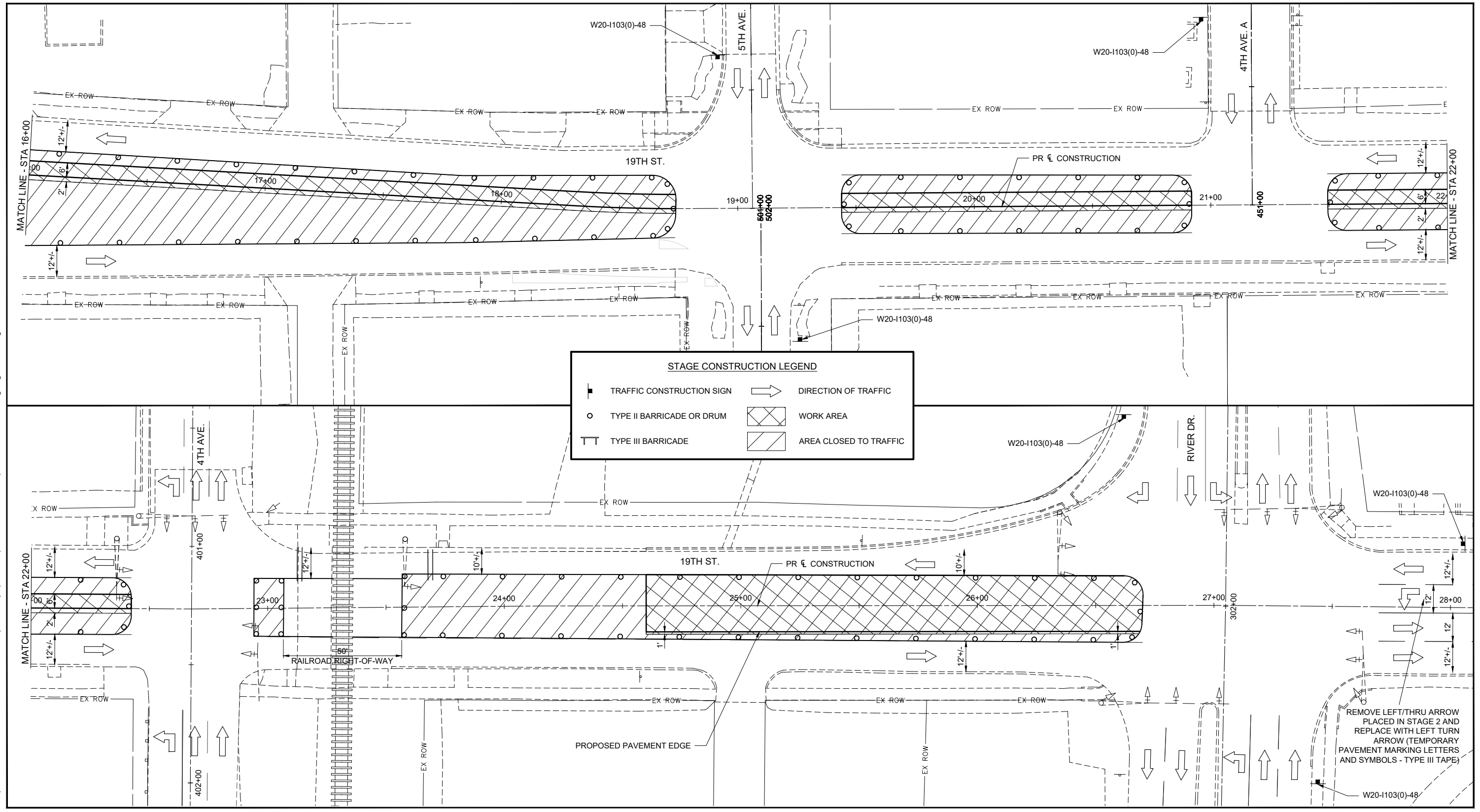


SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
59
OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3a.dwg



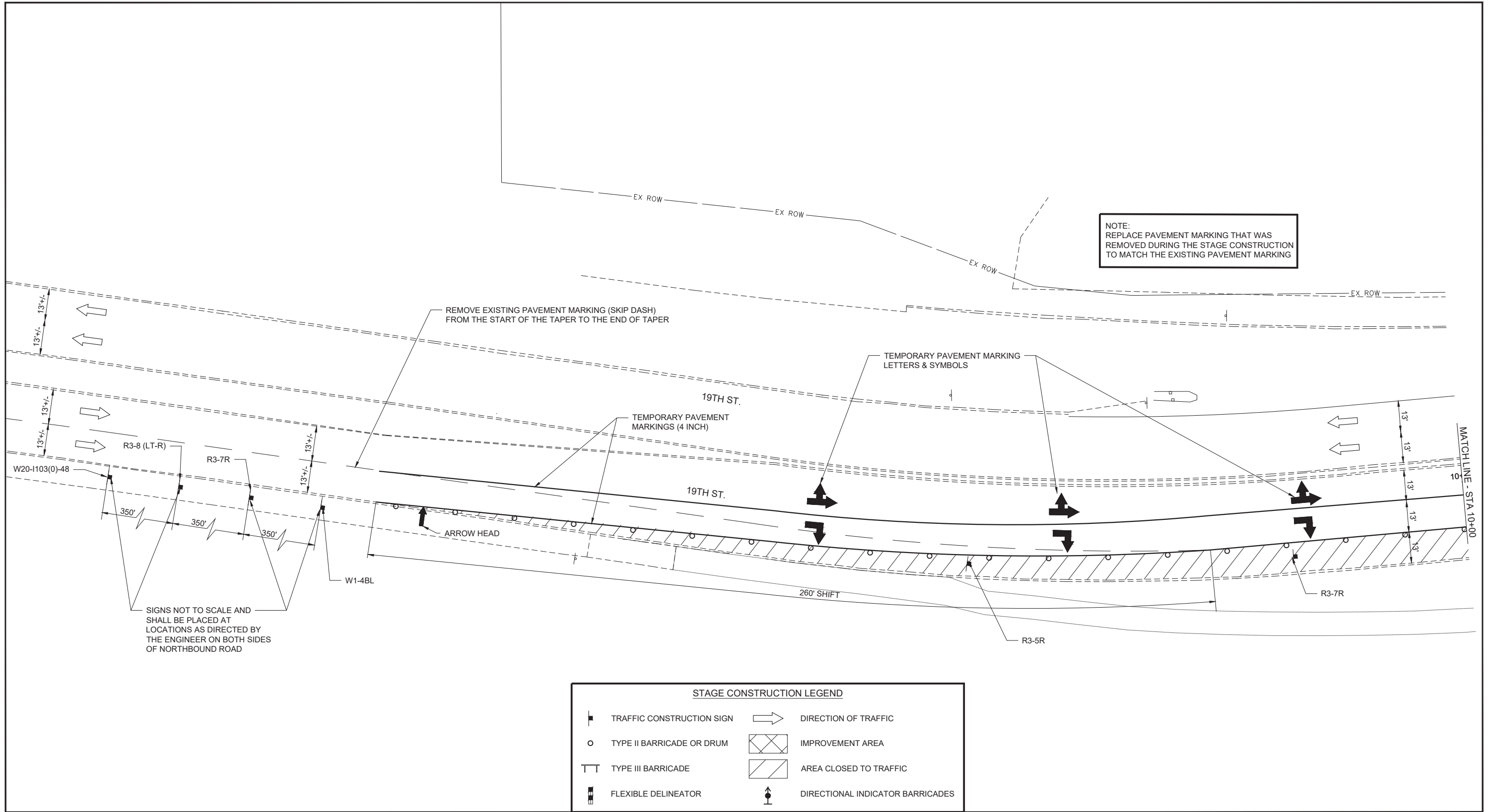
STAGE CONSTRUCTION LEGEND

<ul style="list-style-type: none"> ■ TRAFFIC CONSTRUCTION SIGN ○ TYPE II BARRICADE OR DRUM ⊥ TYPE III BARRICADE 	<ul style="list-style-type: none"> ➔ DIRECTION OF TRAFFIC ▨ WORK AREA ▧ AREA CLOSED TO TRAFFIC
--	---

REMOVE LEFT/THRU ARROW PLACED IN STAGE 2 AND REPLACE WITH LEFT TURN ARROW (TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE III TAPE)

	CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265		19TH ST. BIKE PATH 19TH ST. (NORTH SECTION) STAGE 3A CONSTRUCTION PLAN (5 of 5)	DATE REVISION	NORTH	SCALED FOR 11"X17" PAPER SCALE: 1" = 40'	Date 05-22-23 Project #4789 Designer RMB	SHEET 60 OF 143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3b.dwg



SIGNS NOT TO SCALE AND SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER ON BOTH SIDES OF NORTHBOUND ROAD

STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC
	FLEXIBLE DELINEATOR		DIRECTIONAL INDICATOR BARRICADES



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION PLAN (1 of 7)

DATE	REVISION

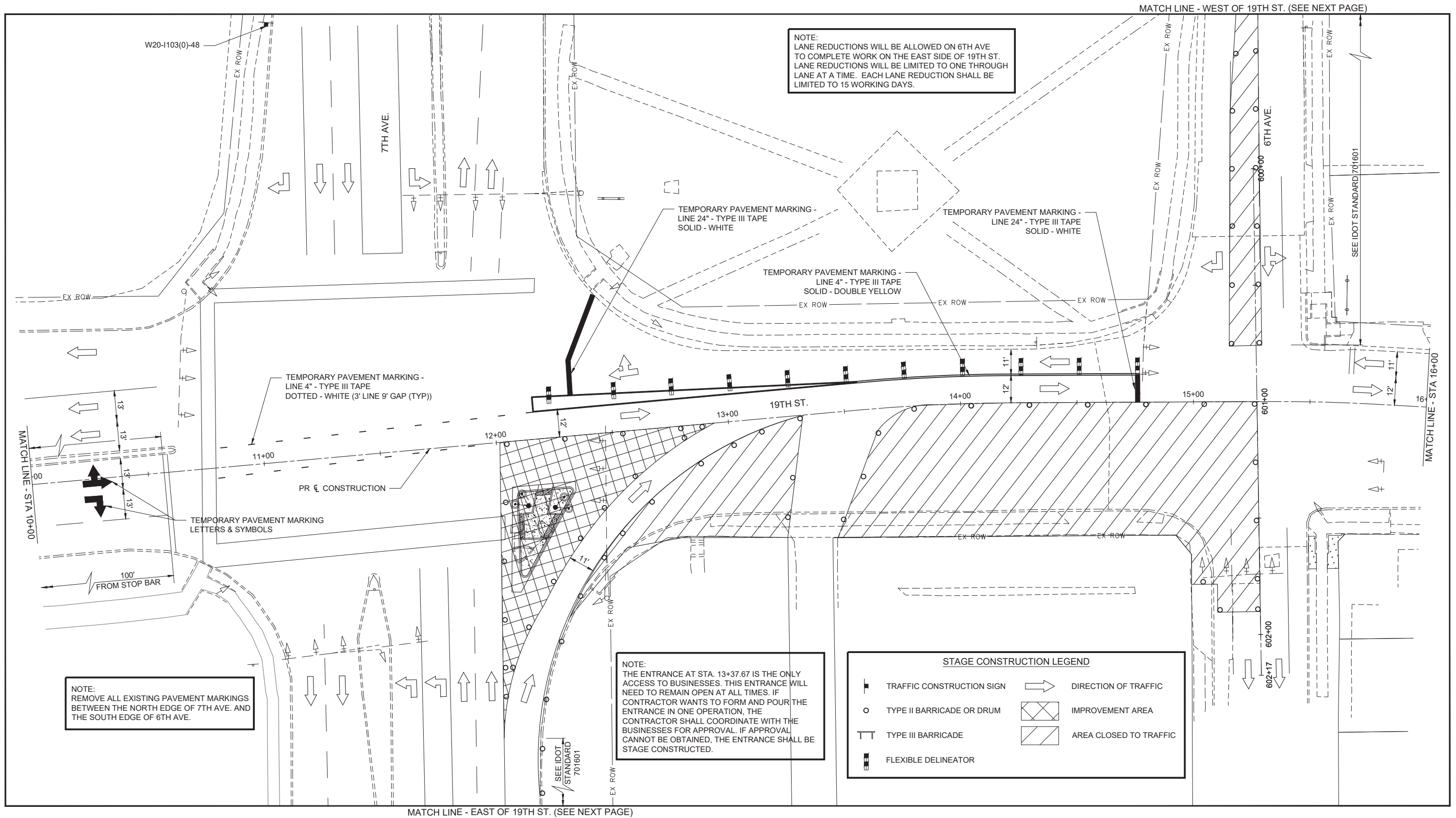


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11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3b.dwg



NOTE:
LANE REDUCTIONS WILL BE ALLOWED ON 6TH AVE TO COMPLETE WORK ON THE EAST SIDE OF 19TH ST. LANE REDUCTIONS WILL BE LIMITED TO ONE THROUGH LANE AT A TIME. EACH LANE REDUCTION SHALL BE LIMITED TO 15 WORKING DAYS.

NOTE:
THE ENTRANCE AT STA. 13+37.67 IS THE ONLY ACCESS TO BUSINESSES. THIS ENTRANCE WILL NEED TO REMAIN OPEN AT ALL TIMES. IF CONTRACTOR WANTS TO FORM AND POUR THE ENTRANCE IN ONE OPERATION, THE CONTRACTOR SHALL COORDINATE WITH THE BUSINESSES FOR APPROVAL. IF APPROVAL CANNOT BE OBTAINED, THE ENTRANCE SHALL BE STAGE CONSTRUCTED.

STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC
	FLEXIBLE DELINEATOR		

NOTE:
REMOVE ALL EXISTING PAVEMENT MARKINGS BETWEEN THE NORTH EDGE OF 7TH AVE. AND THE SOUTH EDGE OF 6TH AVE.

MATCH LINE - EAST OF 19TH ST. (SEE NEXT PAGE)

MATCH LINE - WEST OF 19TH ST. (SEE NEXT PAGE)



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B-1A CONSTRUCTION PLAN (1A of 7)

DATE	REVISION

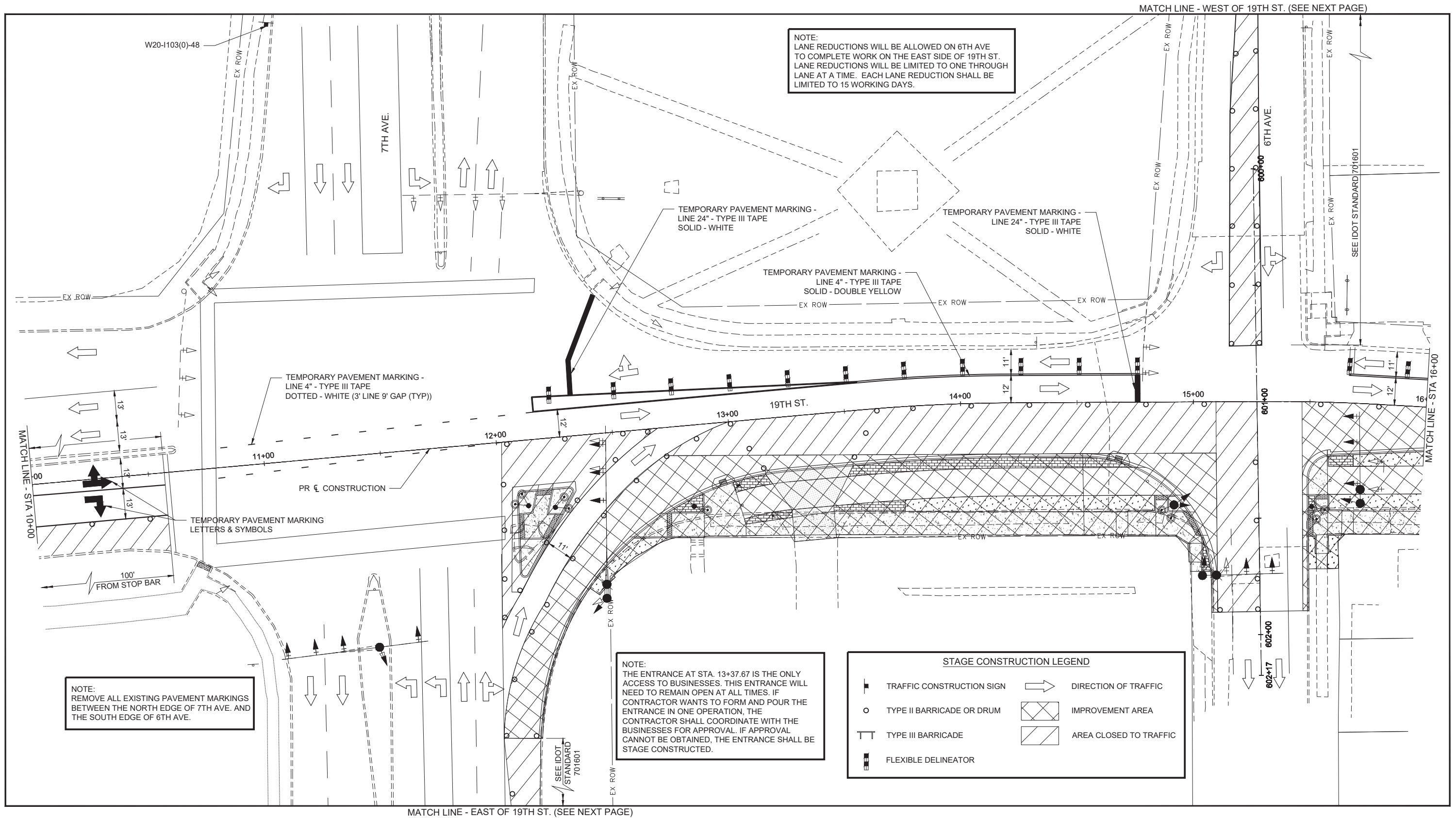


SCALED FOR
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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
61A
OF
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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3b.dwg



NOTE:
REMOVE ALL EXISTING PAVEMENT MARKINGS
BETWEEN THE NORTH EDGE OF 7TH AVE. AND
THE SOUTH EDGE OF 6TH AVE.

NOTE:
LANE REDUCTIONS WILL BE ALLOWED ON 6TH AVE
TO COMPLETE WORK ON THE EAST SIDE OF 19TH ST.
LANE REDUCTIONS WILL BE LIMITED TO ONE THROUGH
LANE AT A TIME. EACH LANE REDUCTION SHALL BE
LIMITED TO 15 WORKING DAYS.

NOTE:
THE ENTRANCE AT STA. 13+37.67 IS THE ONLY
ACCESS TO BUSINESSES. THIS ENTRANCE WILL
NEED TO REMAIN OPEN AT ALL TIMES. IF
CONTRACTOR WANTS TO FORM AND POUR THE
ENTRANCE IN ONE OPERATION, THE
CONTRACTOR SHALL COORDINATE WITH THE
BUSINESSES FOR APPROVAL. IF APPROVAL
CANNOT BE OBTAINED, THE ENTRANCE SHALL BE
STAGE CONSTRUCTED.

STAGE CONSTRUCTION LEGEND	
	TRAFFIC CONSTRUCTION SIGN
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	FLEXIBLE DELINEATOR
	DIRECTION OF TRAFFIC
	IMPROVEMENT AREA
	AREA CLOSED TO TRAFFIC



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B-1 CONSTRUCTION PLAN (2 of 7)

DATE	REVISION

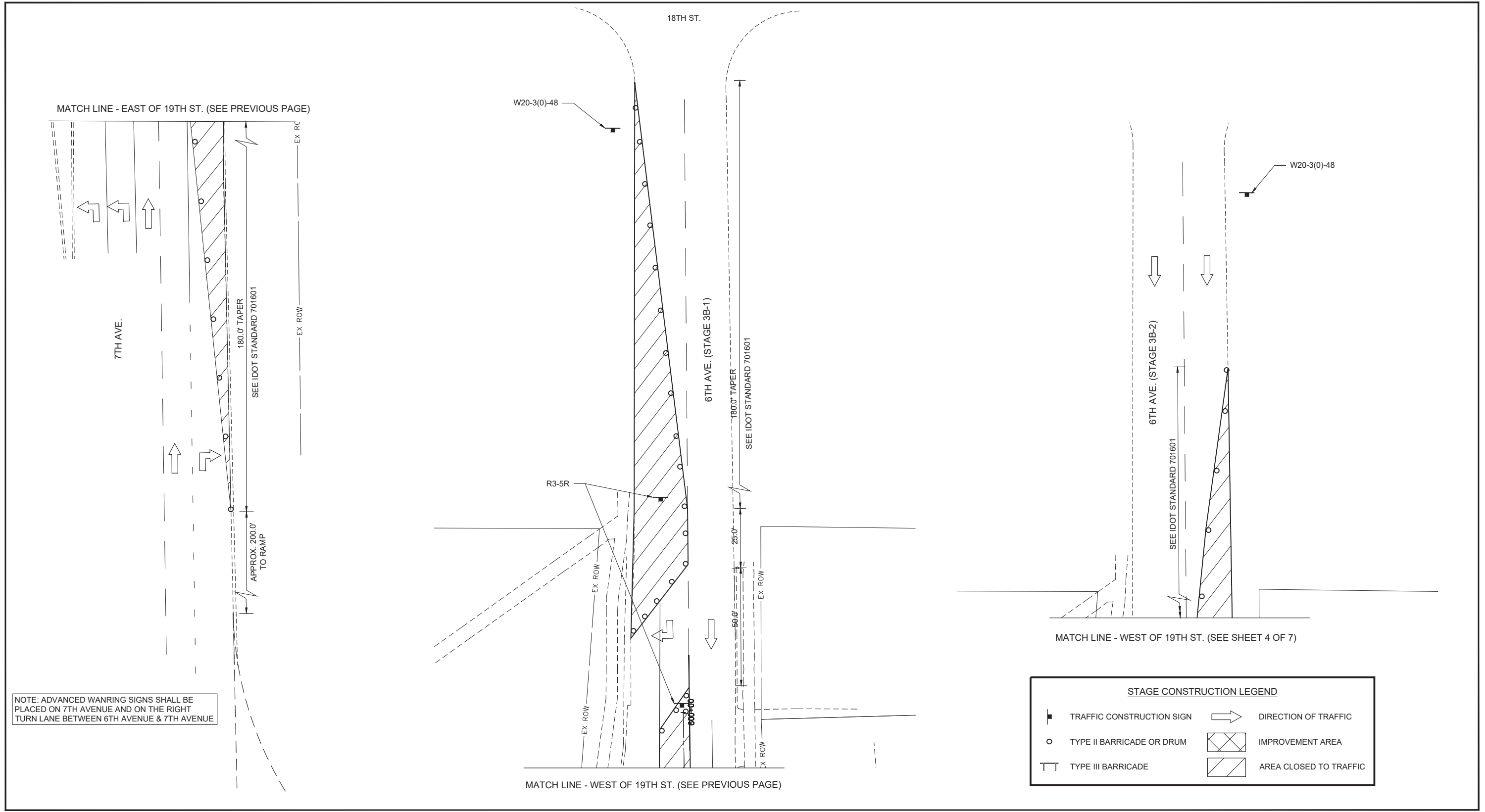


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SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION PLAN (3 of 7)

DATE	REVISION



SCALED FOR
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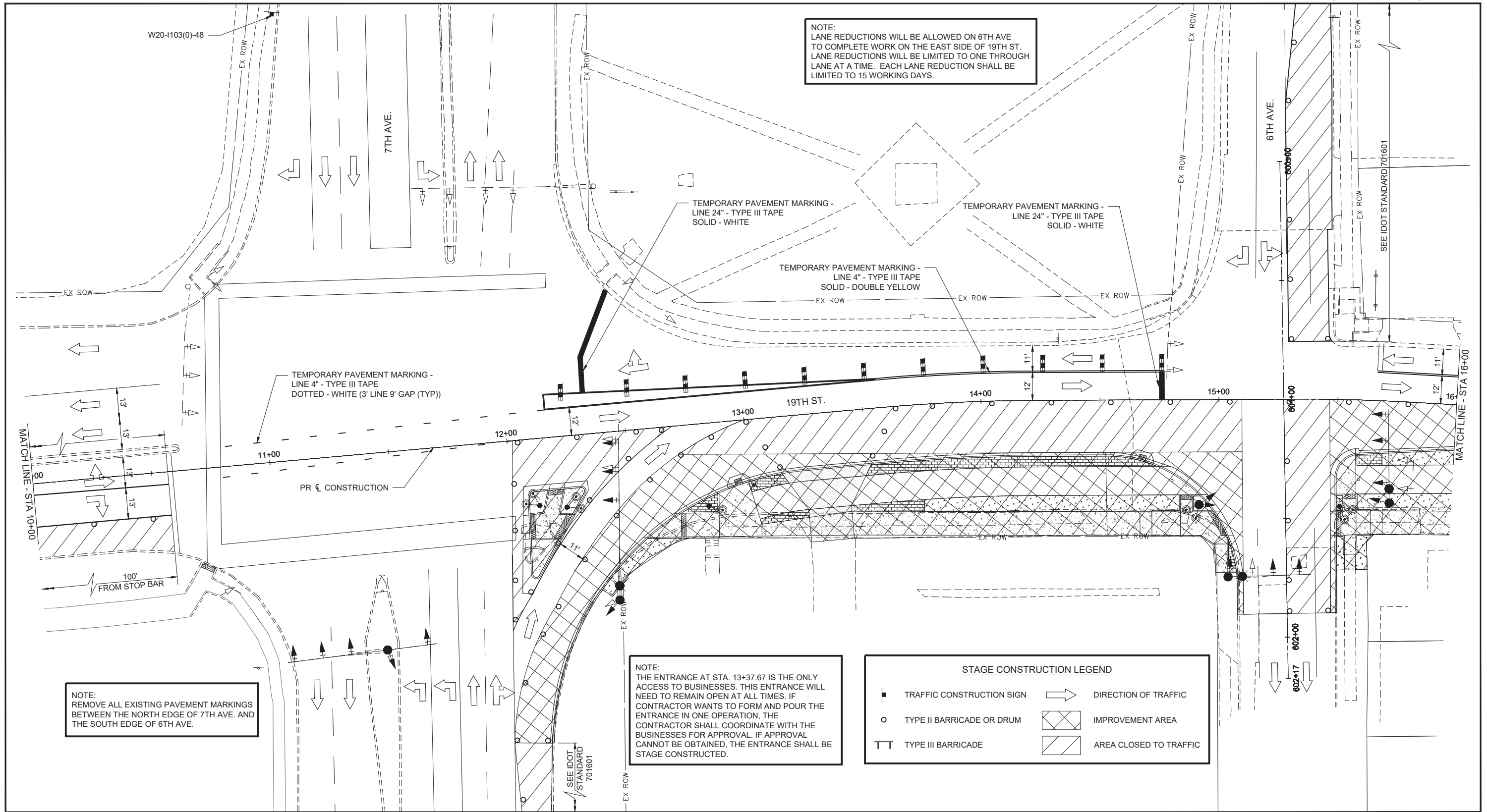
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Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
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MATCH LINE - WEST OF 6TH AVE. (SEE SHEET 3 OF 7)

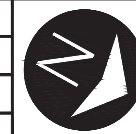


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B-2 CONSTRUCTION PLAN (4 of 7)

DATE	REVISION



NORTH

SCALED FOR
11"X17" PAPER
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SCALE: 1" = 40'

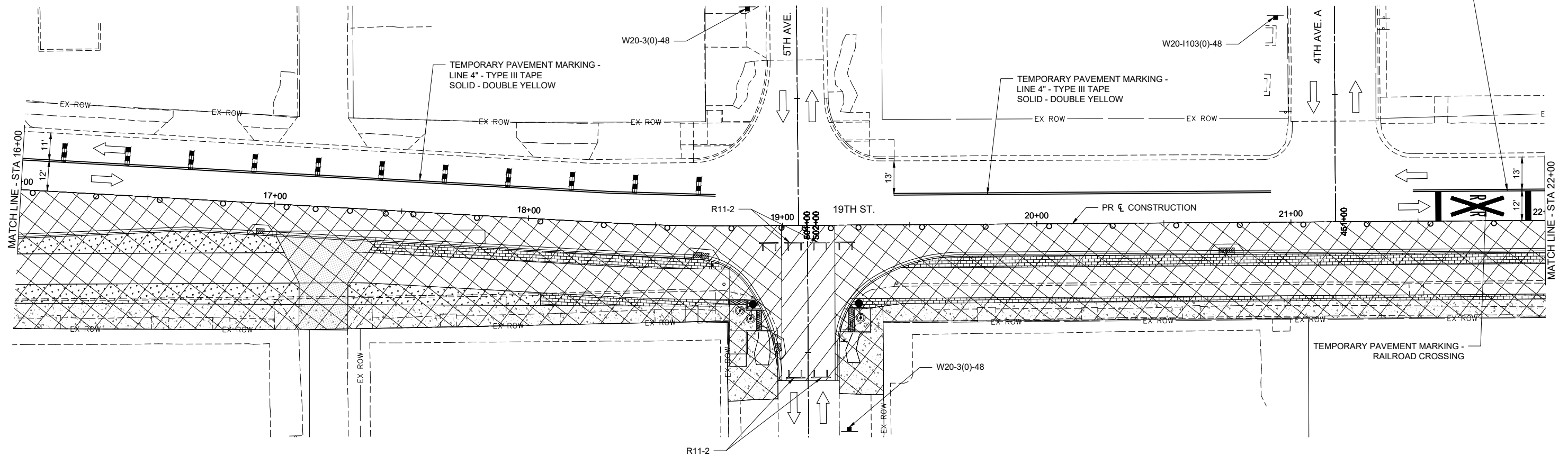
Date **05-22-23**
Project **#4789**
Designer **RMB**

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STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC
	FLEXIBLE DELINEATOR		

NOTE:
REMOVE ALL EXISTING PAVEMENT MARKINGS FROM THE NORTH EDGE OF 6TH AVE. TO THE SOUTH SIDE OF 4TH AVE. EXCEPT FOR THE STOP BAR AT 6TH AVE. IN THE PROPOSED SOUTHBOUND LANE



NOTE:
THE ENTRANCE AT STA. 17+19.33 SHALL NOT BE CLOSED AT THE SAME TIME 5TH AVE. IS CLOSED. EITHER THIS ENTRANCE OR 5TH AVE. SHALL BE OPEN AT ALL TIMES.

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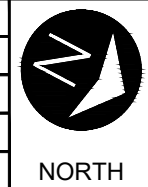


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION PLAN (5 of 7)

DATE	REVISION



SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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MATCH LINE - WEST OF RIVER DR. (SEE NEXT PAGE)

STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

NOTE:
REMOVE ALL EXISTING RAILROAD RELATED PAVEMENT MARKINGS IN THE PROPOSED NORTHBOUND LANE BETWEEN THE NORTH EDGE OF 6TH AVE. AND RIVER DR.

REMOVE EXISTING RR CROSSING PAVEMENT MARKING FROM PROPOSED NORTH BOUND LANE

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE SOLID - DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE DOTTED - WHITE (3' LINE 9' GAP (TYP))

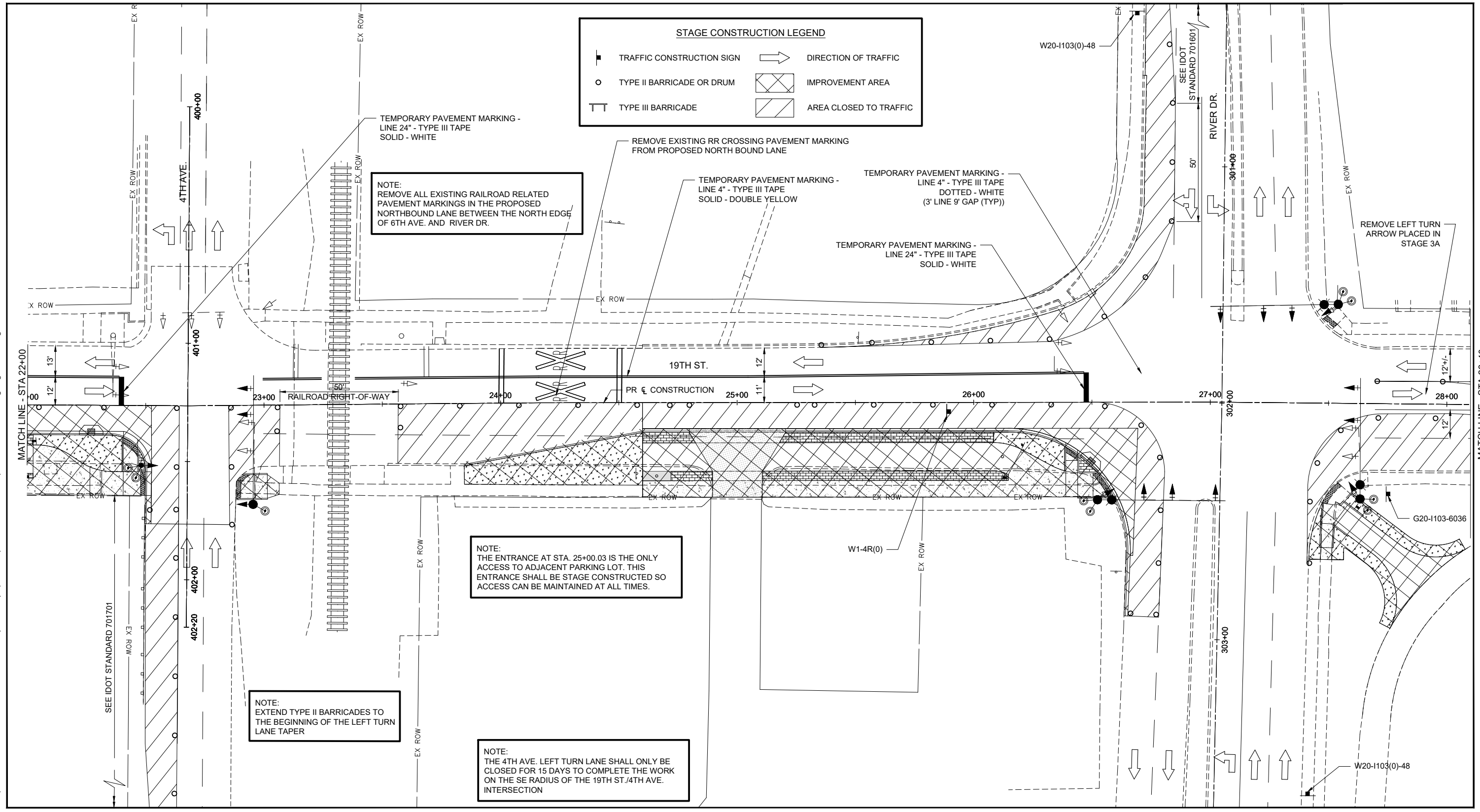
TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE III TAPE SOLID - WHITE

REMOVE LEFT TURN ARROW PLACED IN STAGE 3A

NOTE:
THE ENTRANCE AT STA. 25+00.03 IS THE ONLY ACCESS TO ADJACENT PARKING LOT. THIS ENTRANCE SHALL BE STAGE CONSTRUCTED SO ACCESS CAN BE MAINTAINED AT ALL TIMES.

NOTE:
EXTEND TYPE II BARRICADES TO THE BEGINNING OF THE LEFT TURN LANE TAPER

NOTE:
THE 4TH AVE. LEFT TURN LANE SHALL ONLY BE CLOSED FOR 15 DAYS TO COMPLETE THE WORK ON THE SE RADIUS OF THE 19TH ST./4TH AVE. INTERSECTION

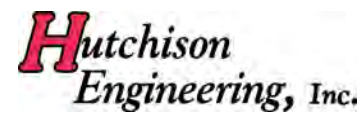


MATCH LINE - EAST OF 4TH AVE. (SEE NEXT PAGE)

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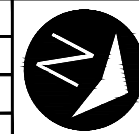


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION PLAN (6 of 7)

DATE	REVISION



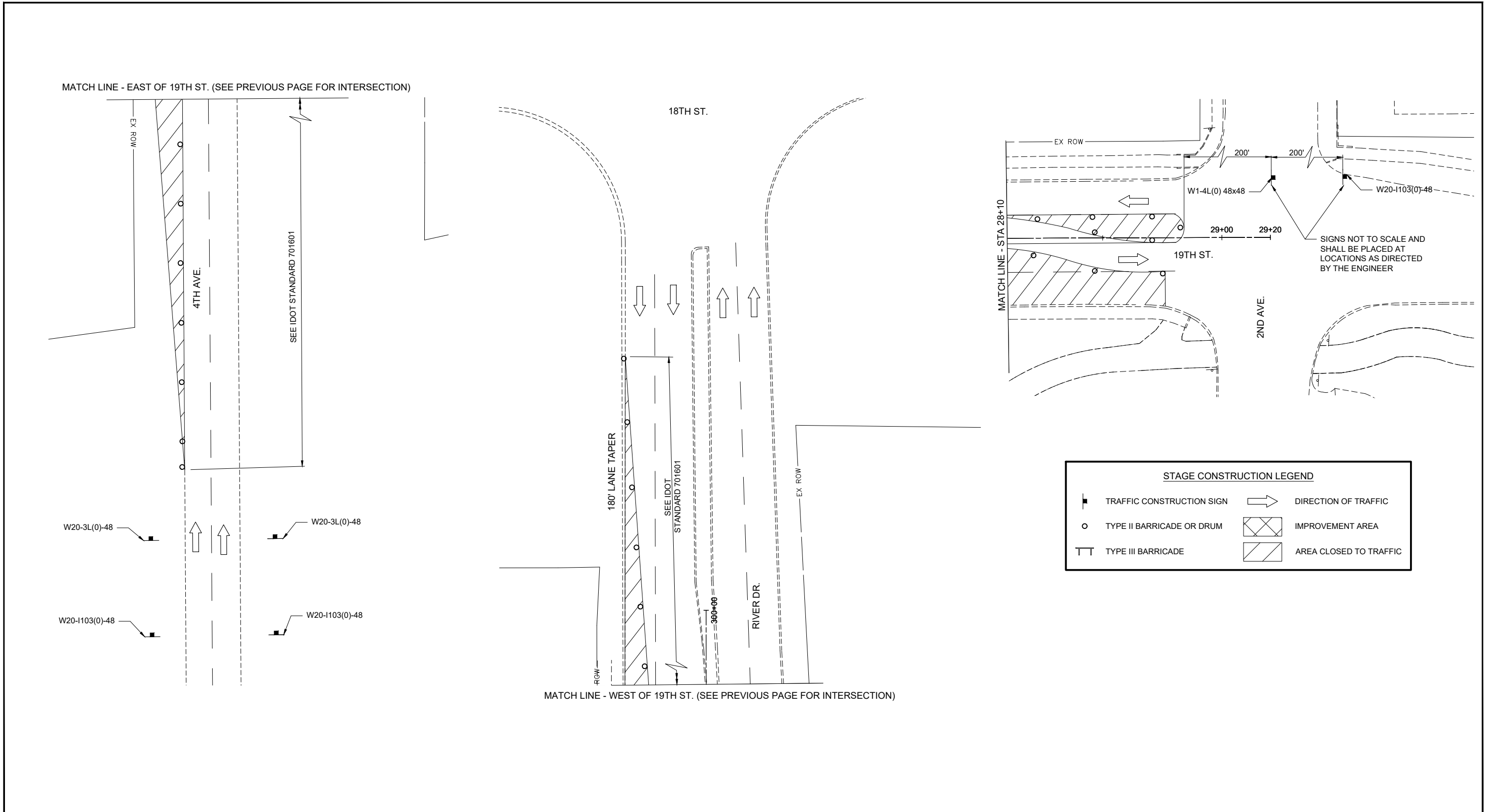
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SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
66
OF
143

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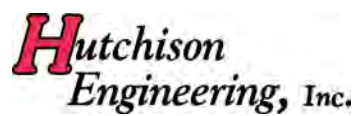


STAGE CONSTRUCTION LEGEND

■	TRAFFIC CONSTRUCTION SIGN	➔	DIRECTION OF TRAFFIC
○	TYPE II BARRICADE OR DRUM	▨	IMPROVEMENT AREA
⊥	TYPE III BARRICADE	▧	AREA CLOSED TO TRAFFIC



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B CONSTRUCTION PLAN (7 of 7)

DATE	REVISION



SCALED FOR
11"X17" PAPER

0' 20' 40'

SCALE: 1" = 40'







Date **05-22-23**
Project **#4789**
Designer **RMB**

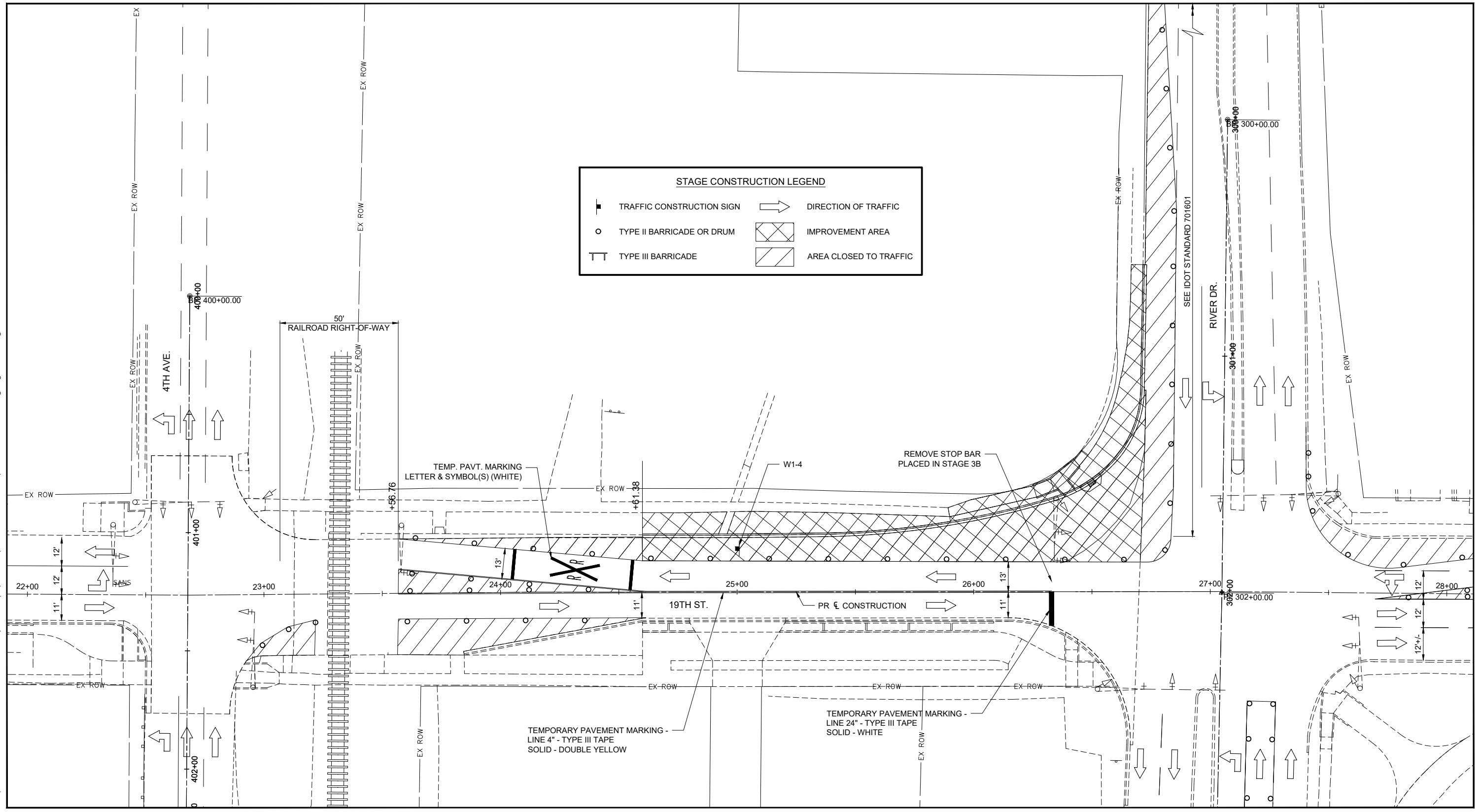
SHEET
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OF
143

MATCH LINE - WEST OF RIVER DR. (SEE SHEET 3 OF 3)

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3c.dwg

STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC



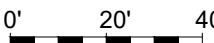
CITY OF MOLINE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 (309) 524-2350
 3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 STAGE 3C-1 CONSTRUCTION PLAN (1 of 3)

DATE	REVISION

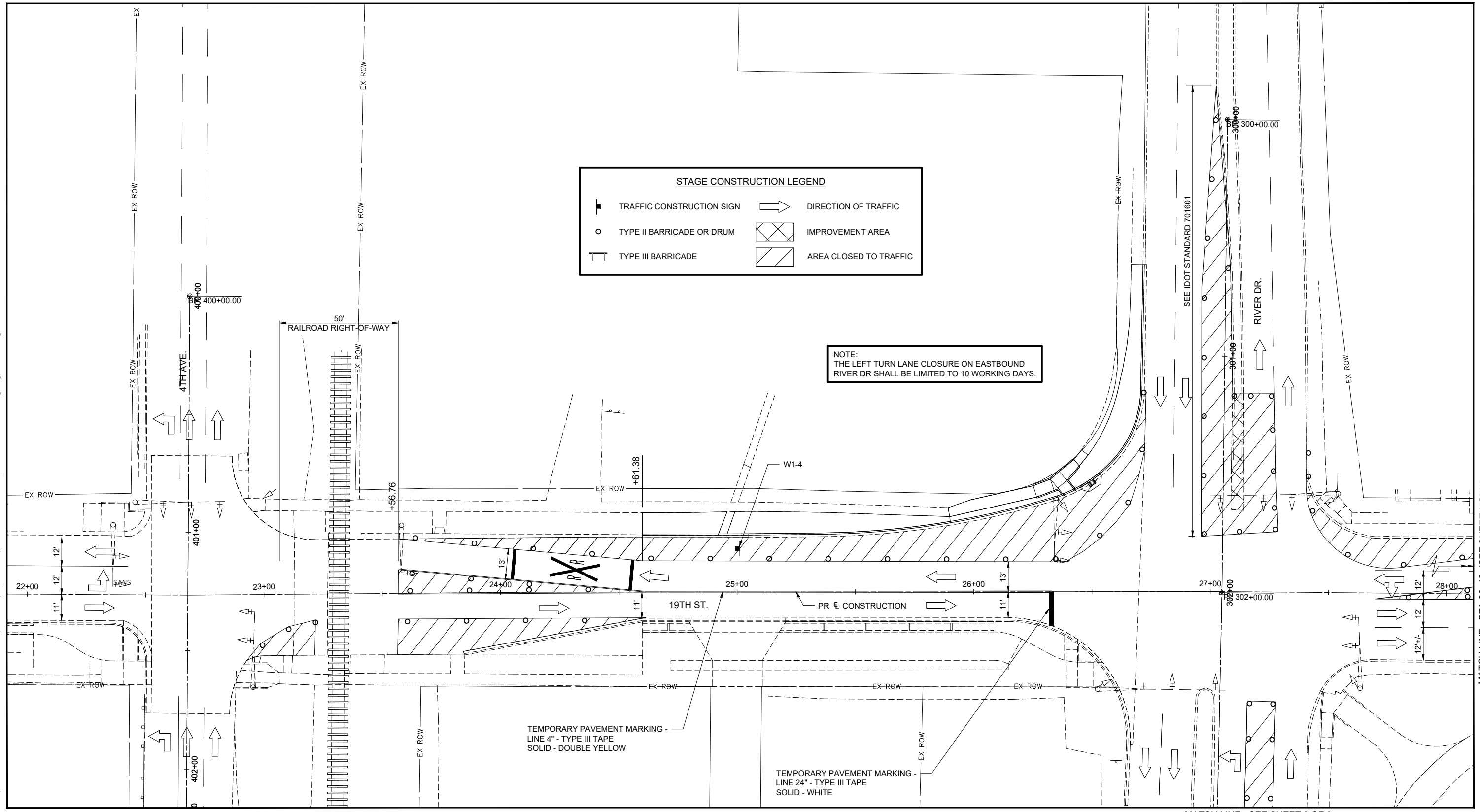


SCALED FOR
 11"X17" PAPER

 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
68
 OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3c.dwg



STAGE CONSTRUCTION LEGEND

	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

NOTE:
THE LEFT TURN LANE CLOSURE ON EASTBOUND RIVER DR SHALL BE LIMITED TO 10 WORKING DAYS.

MATCH LINE - STA 28+10 (SEE SHEET 3 OF 3)

MATCH LINE - SEE SHEET 3 OF 3



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3C-2 CONSTRUCTION PLAN (2 of 3)

DATE	REVISION



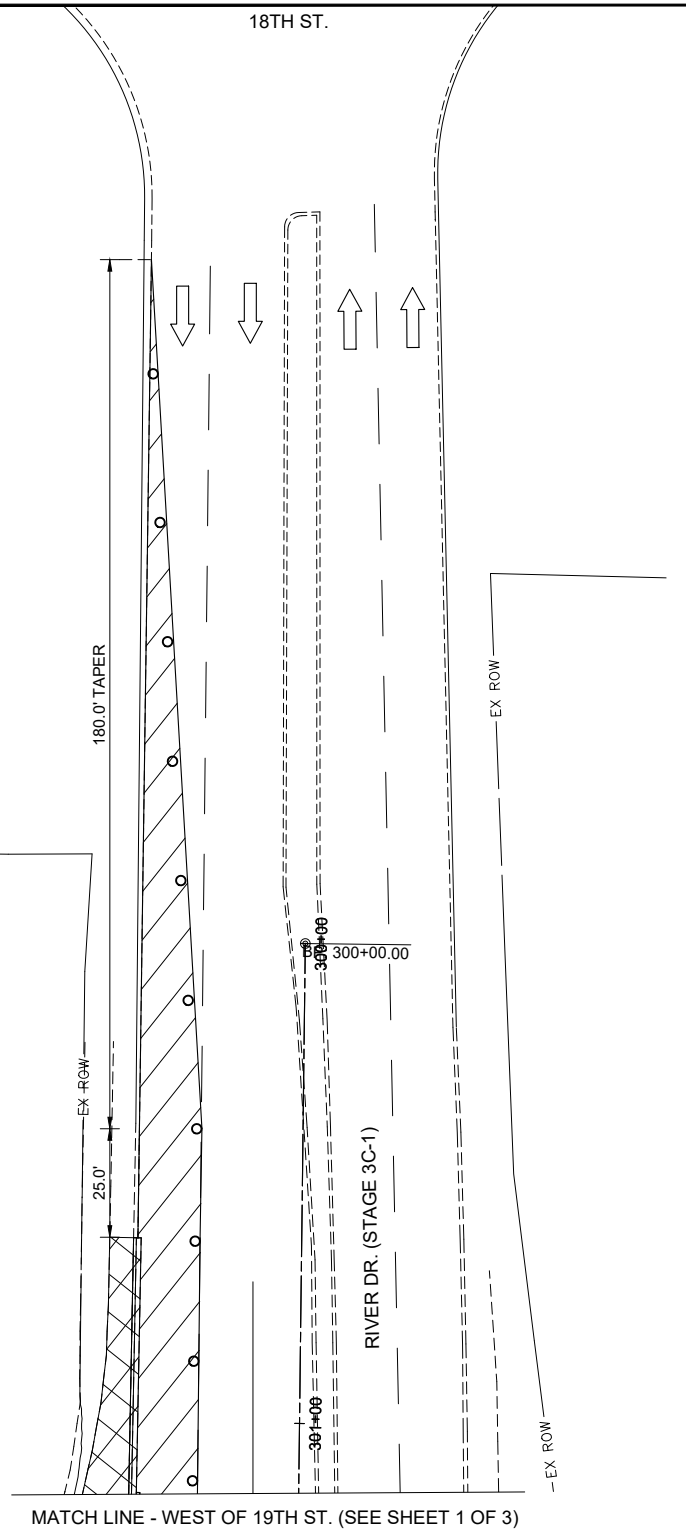
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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

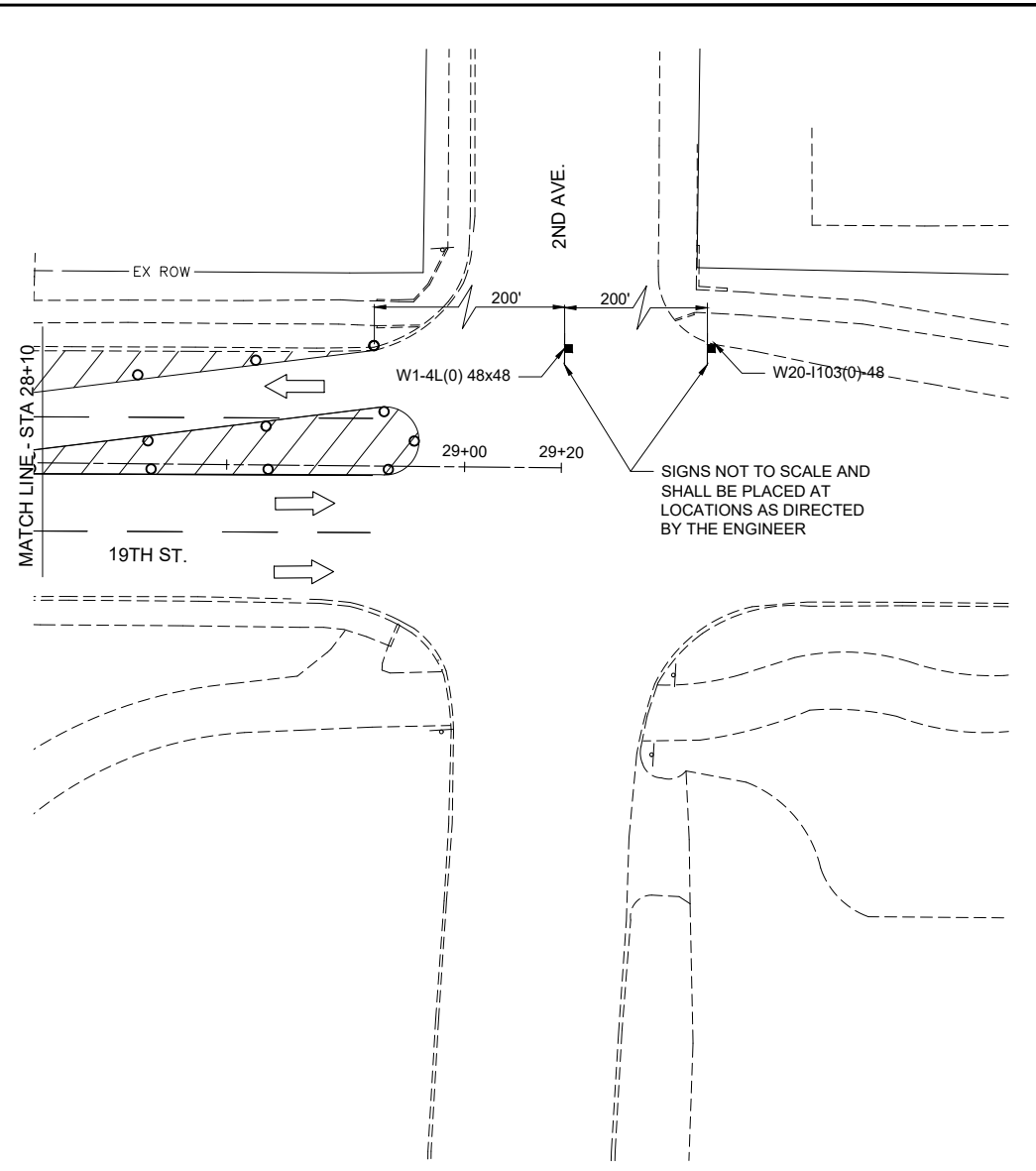
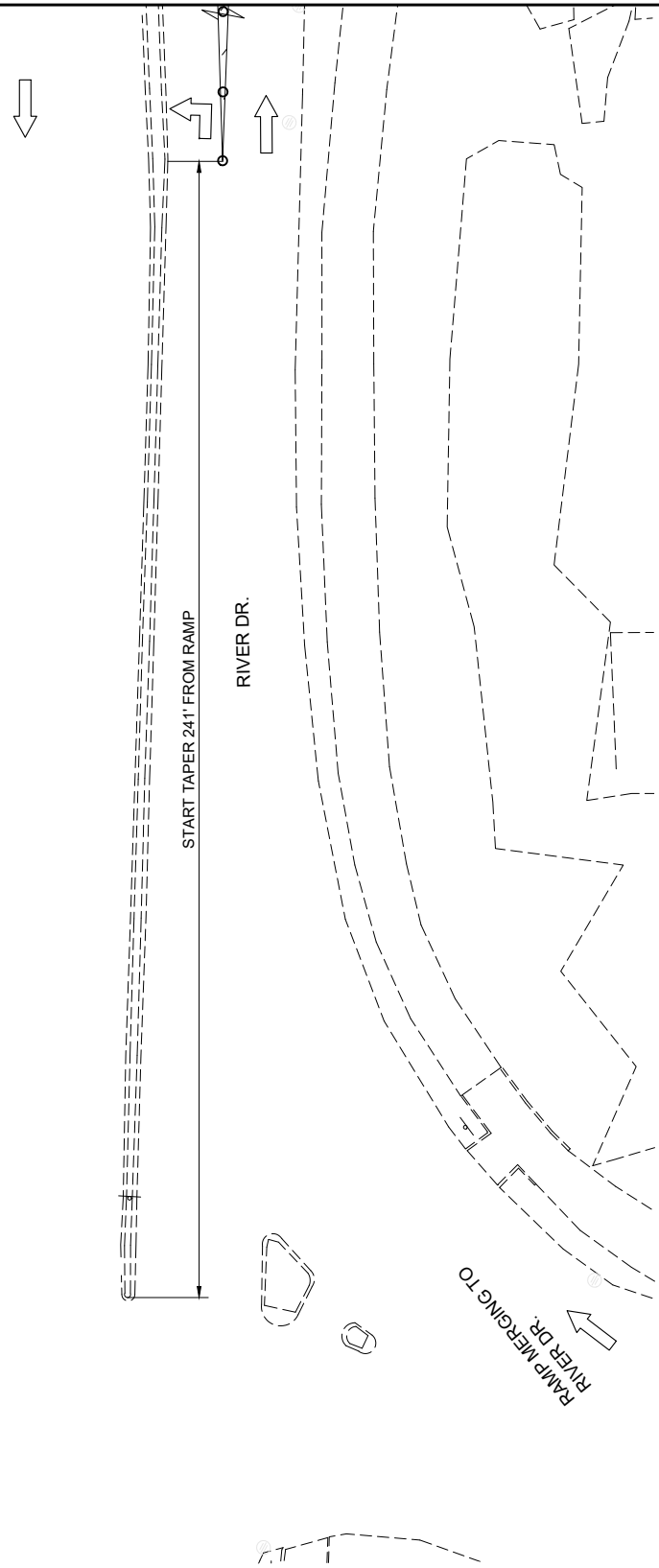
SHEET
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OF
143

MATCH LINE - EAST OF 19TH ST. (SEE SHEET 3 OF 3)

18TH ST.



MATCH LINE - WEST OF 19TH ST. (SEE SHEET 1 OF 3)



SIGNS NOT TO SCALE AND SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER

STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		IMPROVEMENT AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC

ALL TRAFFIC CONTROL ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH IDOT STD. 701601

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-staging_3c.dwg



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3C-2 CONSTRUCTION PLAN (3 of 3)

DATE	REVISION

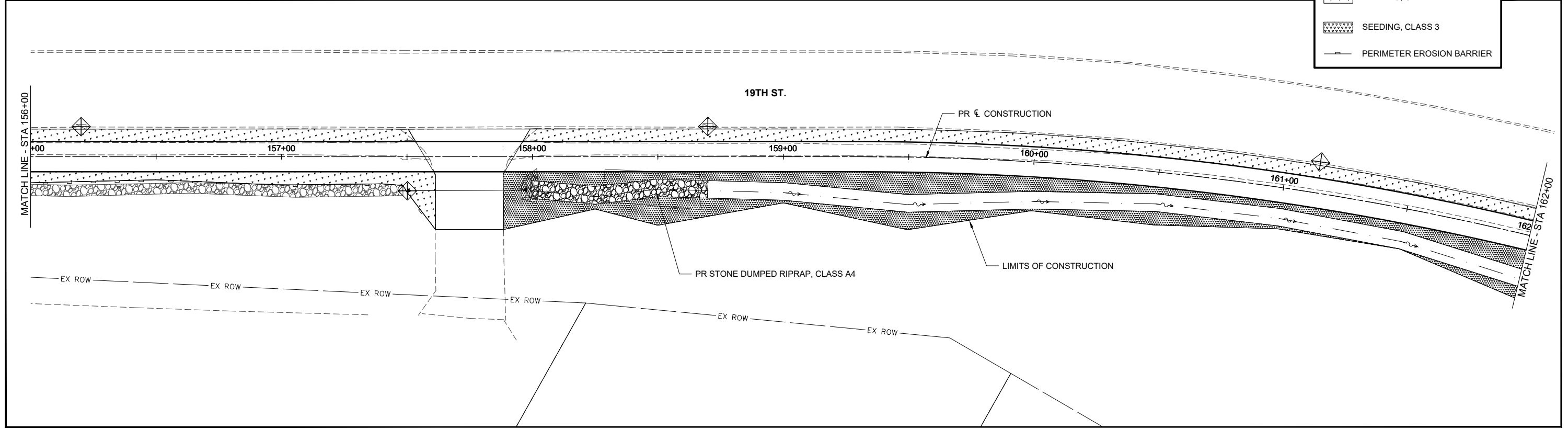
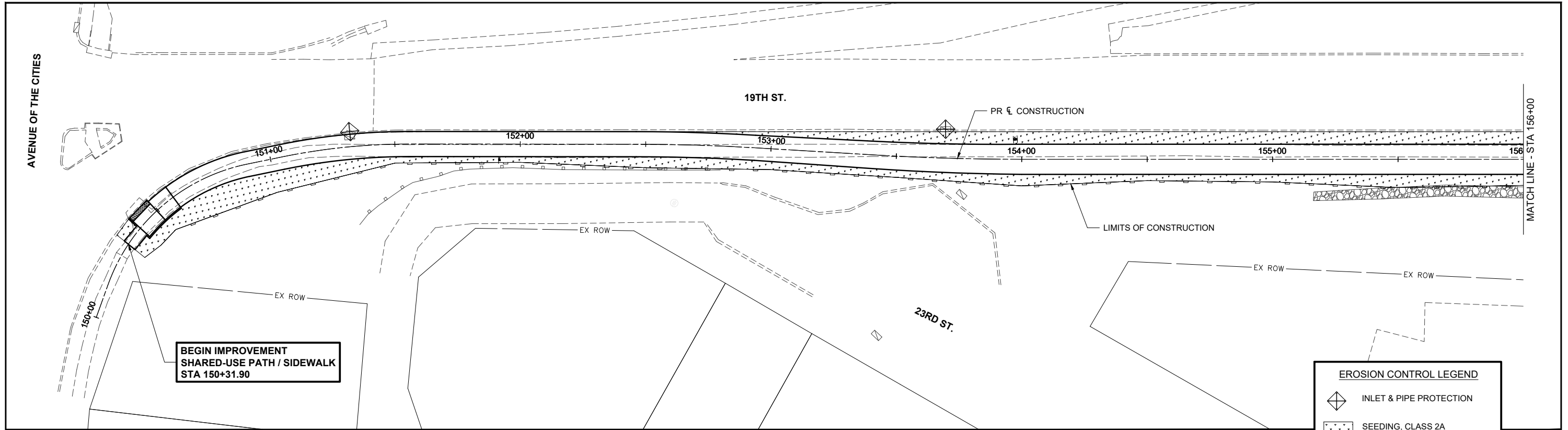


SCALED FOR
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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

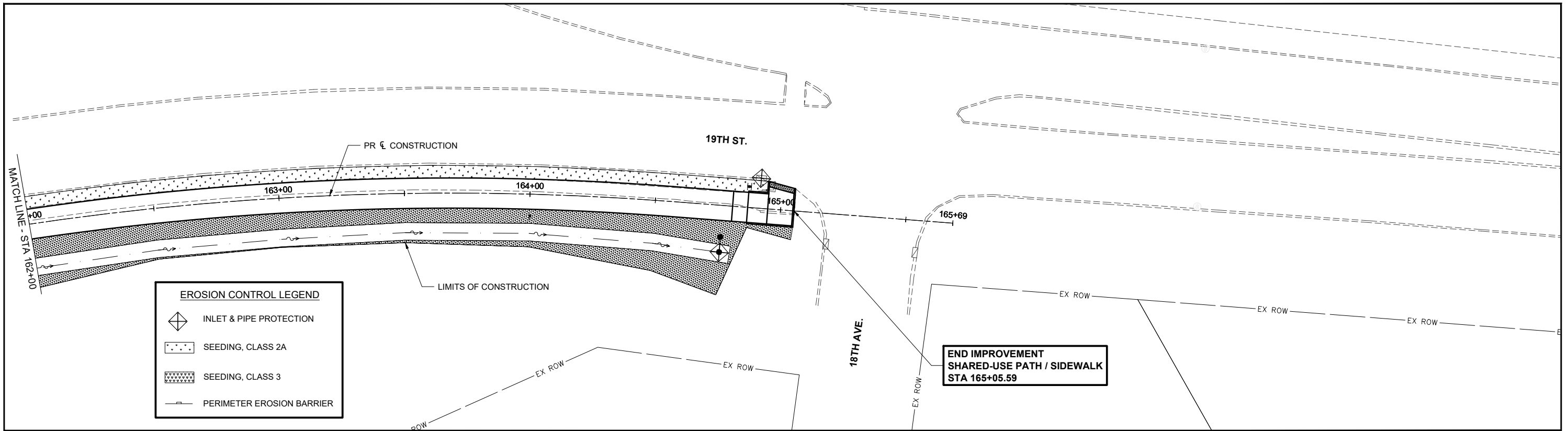
SHEET
70
OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\Sheets\4789-sht-eros(south).dwg







 <p>CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265</p>		<p>19TH ST. BIKE PATH 19TH ST. (SOUTH SECTION) EROSION CONTROL PLAN (1 of 4)</p>		 <p>NORTH</p>	<p>SCALED FOR 11"X17" PAPER</p> <p>0' 20' 40' SCALE: 1" = 40'</p>	<p>Date 05-22-23</p>	<p>SHEET 71 OF 143</p>				
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">DATE</th> <th style="width: 80%;">REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				DATE		REVISION			
DATE	REVISION										
						<p>Designer RMB</p>					

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-eros(south).dwg



EROSION CONTROL LEGEND

-  INLET & PIPE PROTECTION
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 3
-  PERIMETER EROSION BARRIER

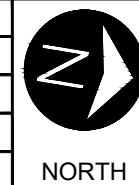


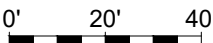
CITY OF MOLINE
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 (309) 524-2350
 3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
 19TH ST. (SOUTH SECTION)
 EROSION CONTROL PLAN (2 of 4)

DATE	REVISION

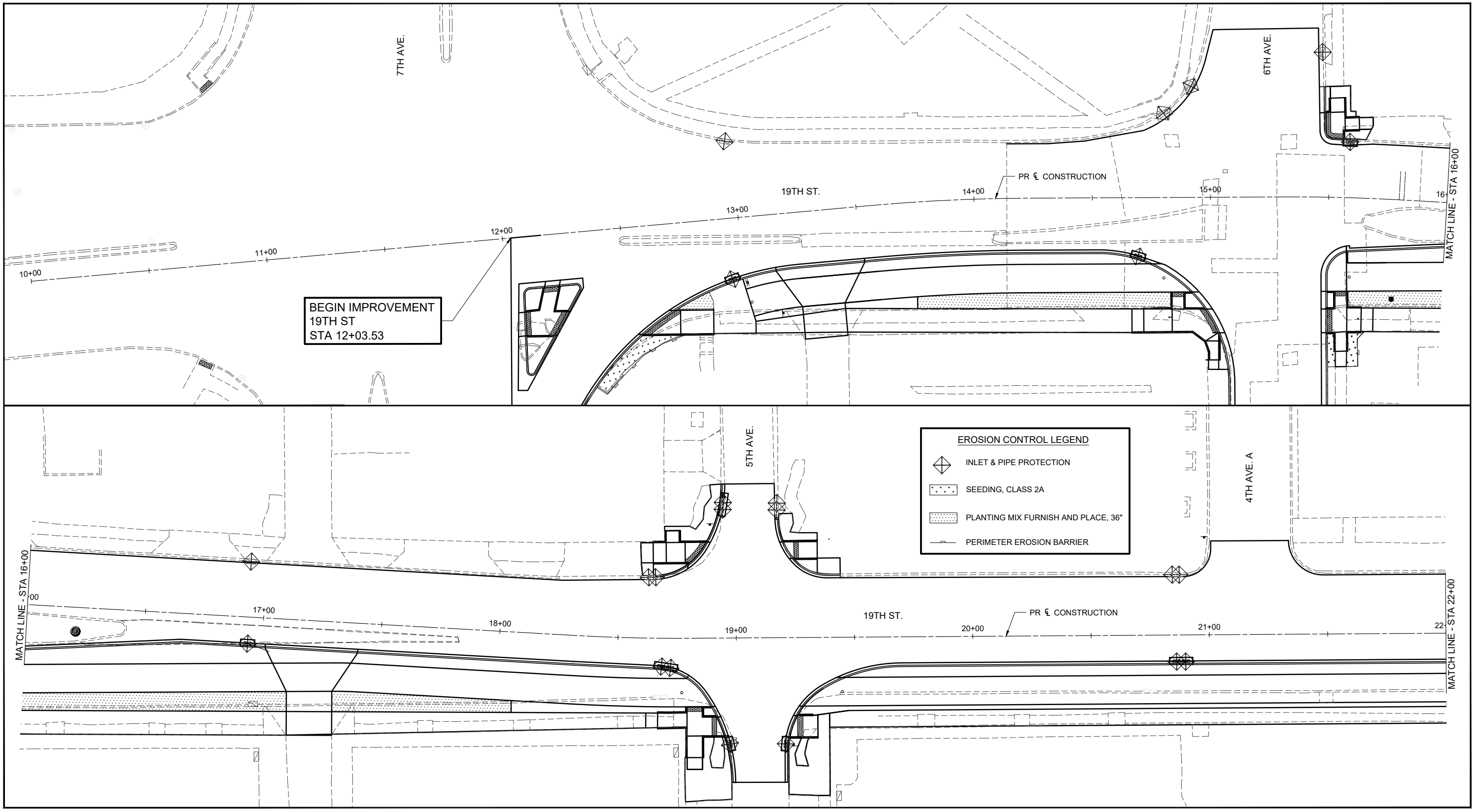


SCALED FOR
 11"X17" PAPER

 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
72
 OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD Sheets\4789-sht-eros.dwg

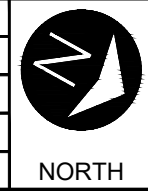


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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 EROSION CONTROL PLAN (3 of 4)

DATE	REVISION







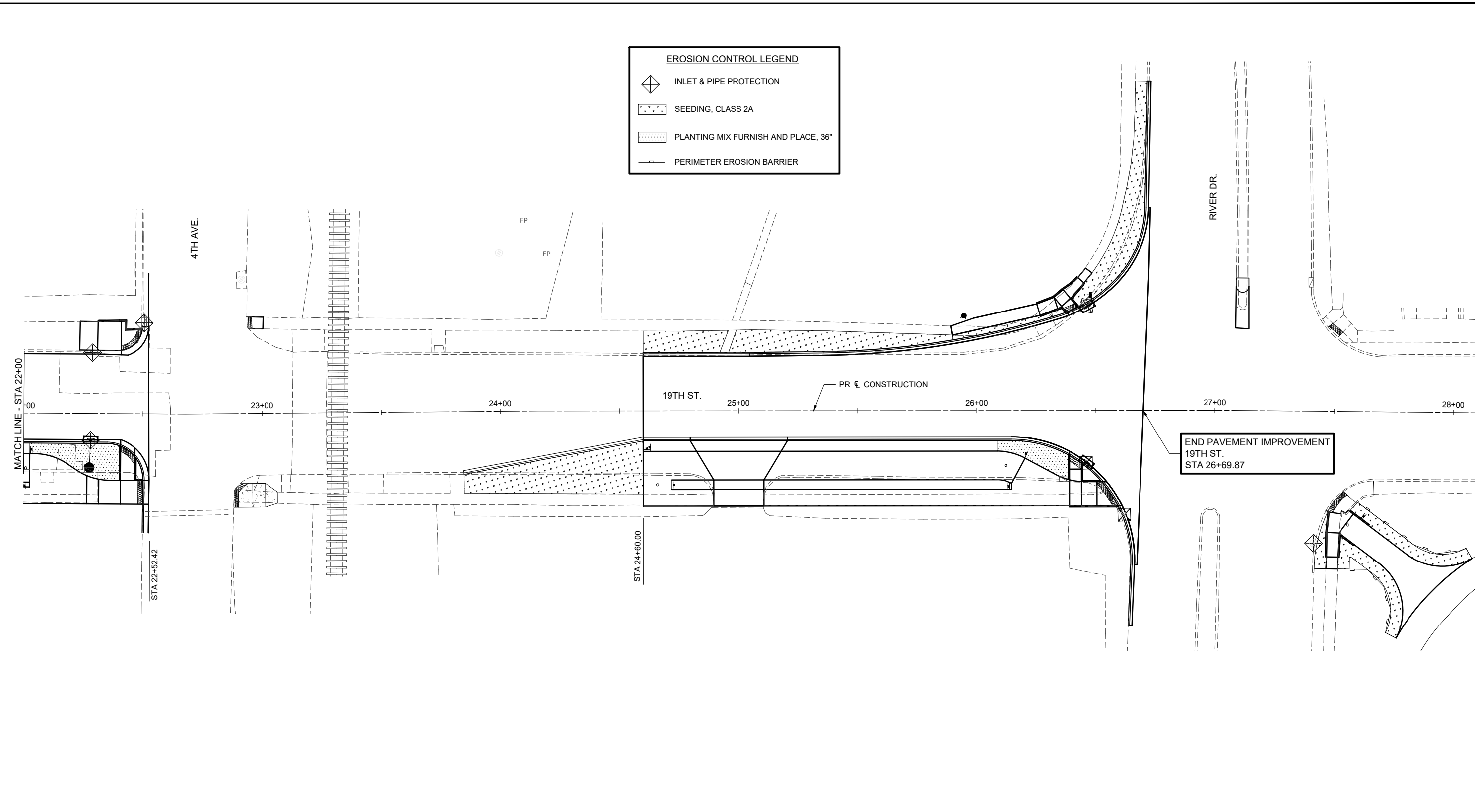
SCALED FOR
 11"X17" PAPER
 0' 20' 40'
 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
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 OF
143

EROSION CONTROL LEGEND

-  INLET & PIPE PROTECTION
-  SEEDING, CLASS 2A
-  PLANTING MIX FURNISH AND PLACE, 36"
-  PERIMETER EROSION BARRIER



V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-eros.dwg

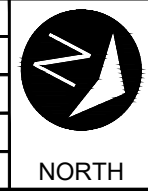


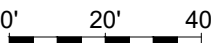
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 3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 EROSION CONTROL PLAN (4 of 4)

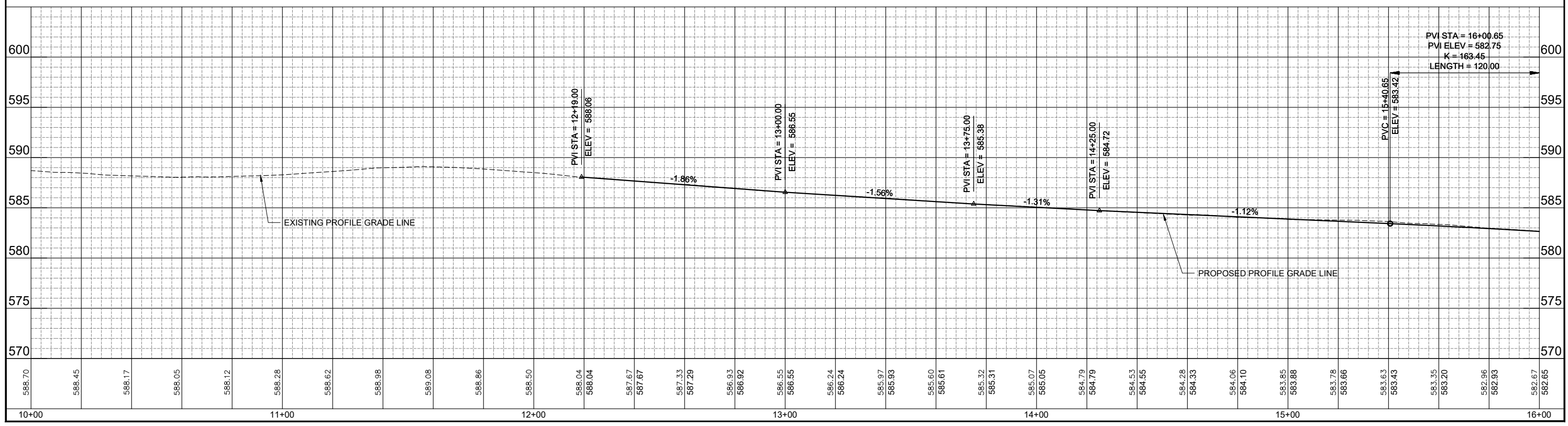
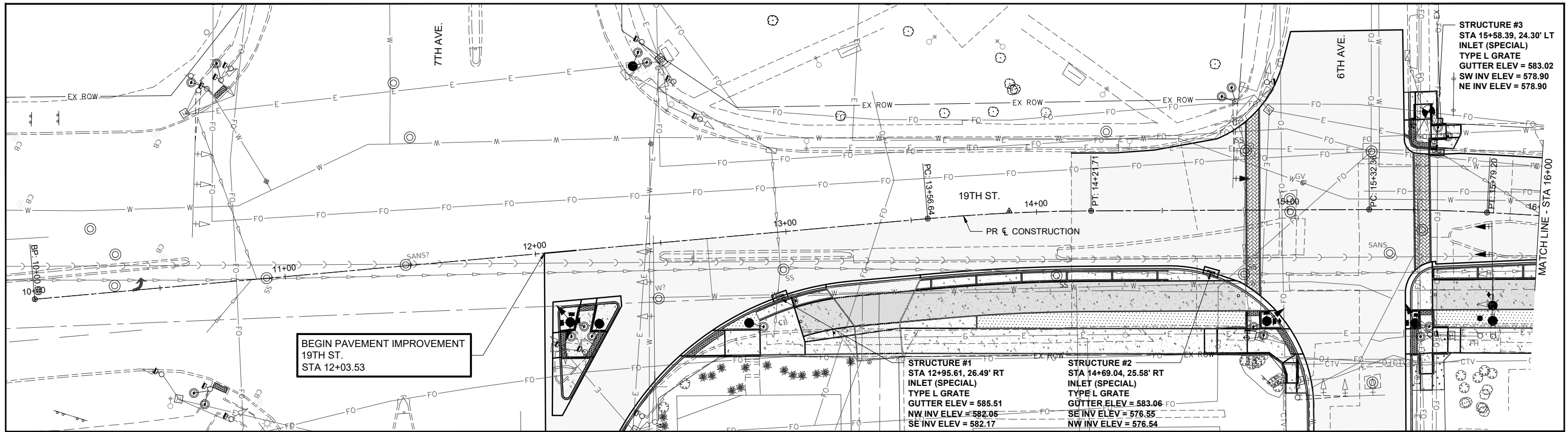
DATE	REVISION



SCALED FOR
 11"X17" PAPER

 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

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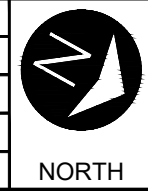


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3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
DRAINAGE PLAN & PROFILE (1 of 3)

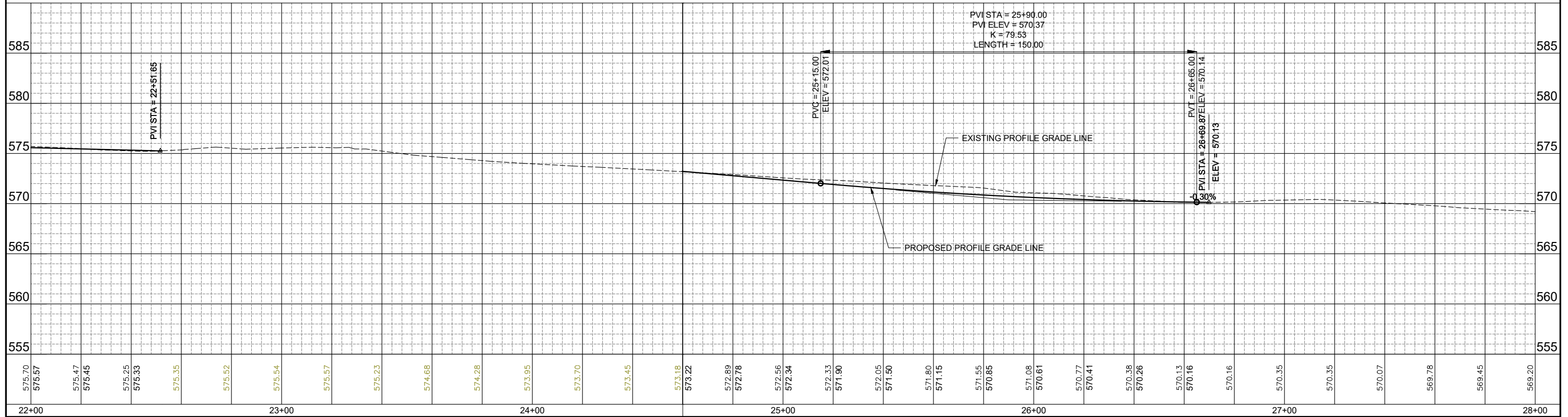
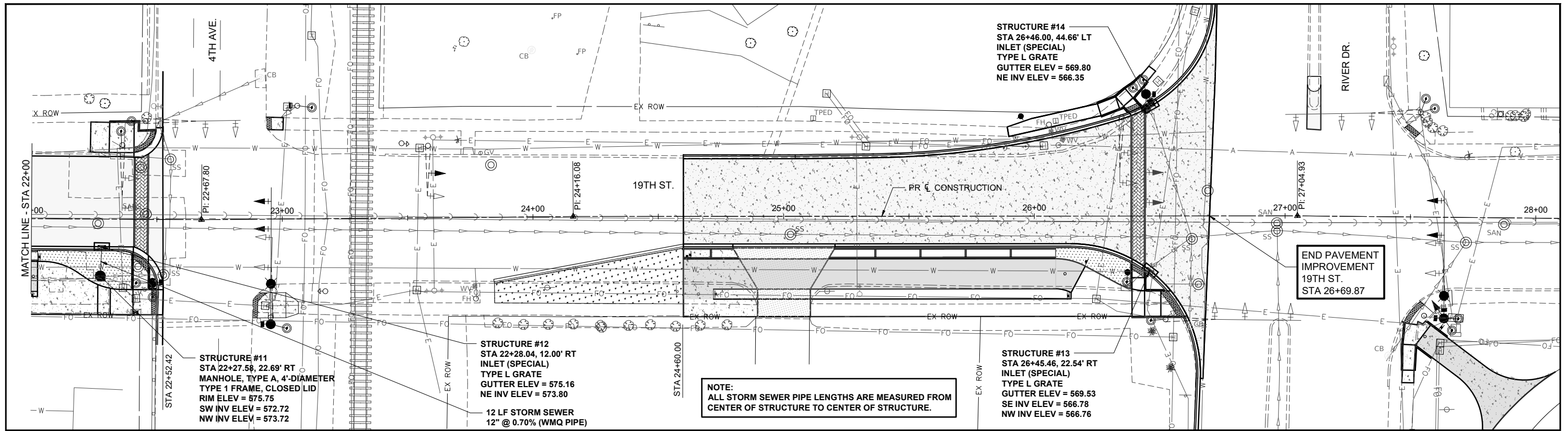
DATE	REVISION




SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
75
OF
143



V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-drain.dwg



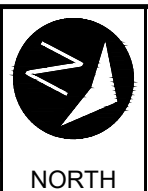
CITY OF MOLINE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
(309) 524-2350
3635 4TH AVENUE, MOLINE, IL 61265



Hutchison
Engineering, Inc.

19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
DRAINAGE PLAN & PROFILE (3 of 3)

DATE	REVISION

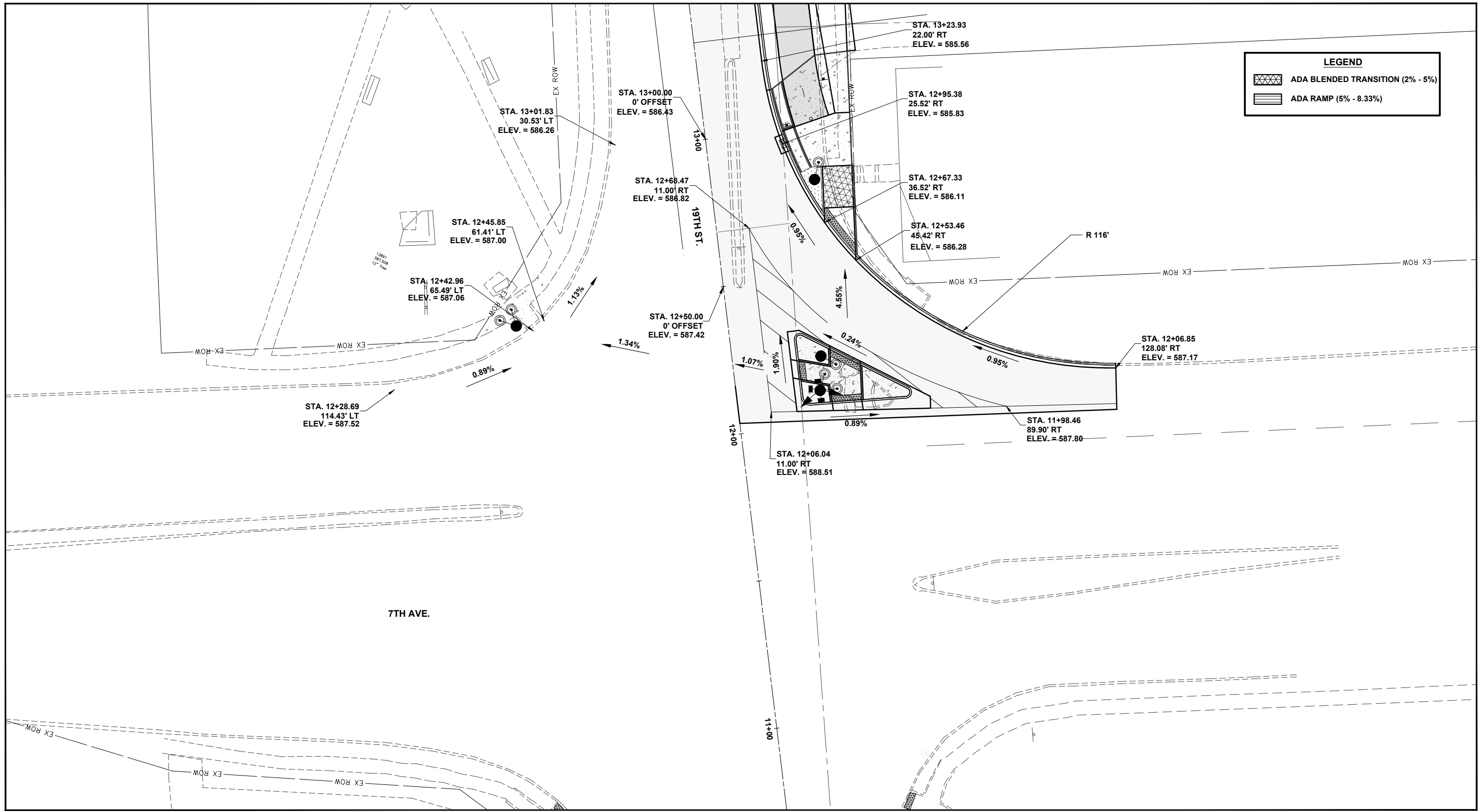


SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-intersection detail-1-7th Ave & 19th St.dwg



LEGEND

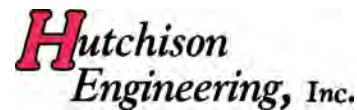
- ADA BLENDED TRANSITION (2% - 5%)
- ADA RAMP (5% - 8.33%)

7TH AVE.

19TH ST.



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19TH ST. BIKE PATH
19TH ST. (1 of 5)
INTERSECTION DETAIL (7TH AVE. & 19TH ST.)

DATE	REVISION

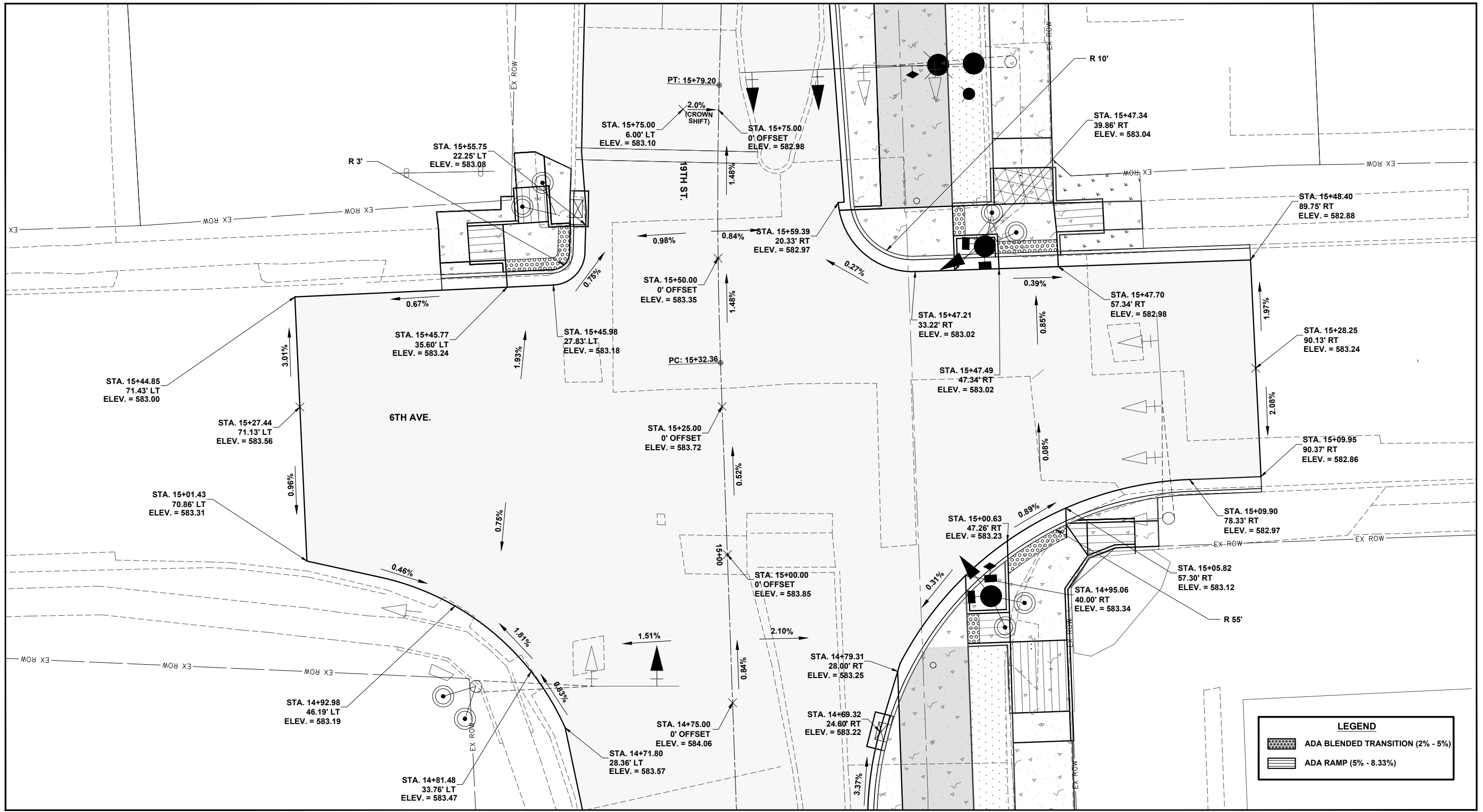


SCALED FOR
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0' 8' 16'
SCALE: 1" = 16'

Date **05-22-23**
Project **#4789**
Designer **RMB**

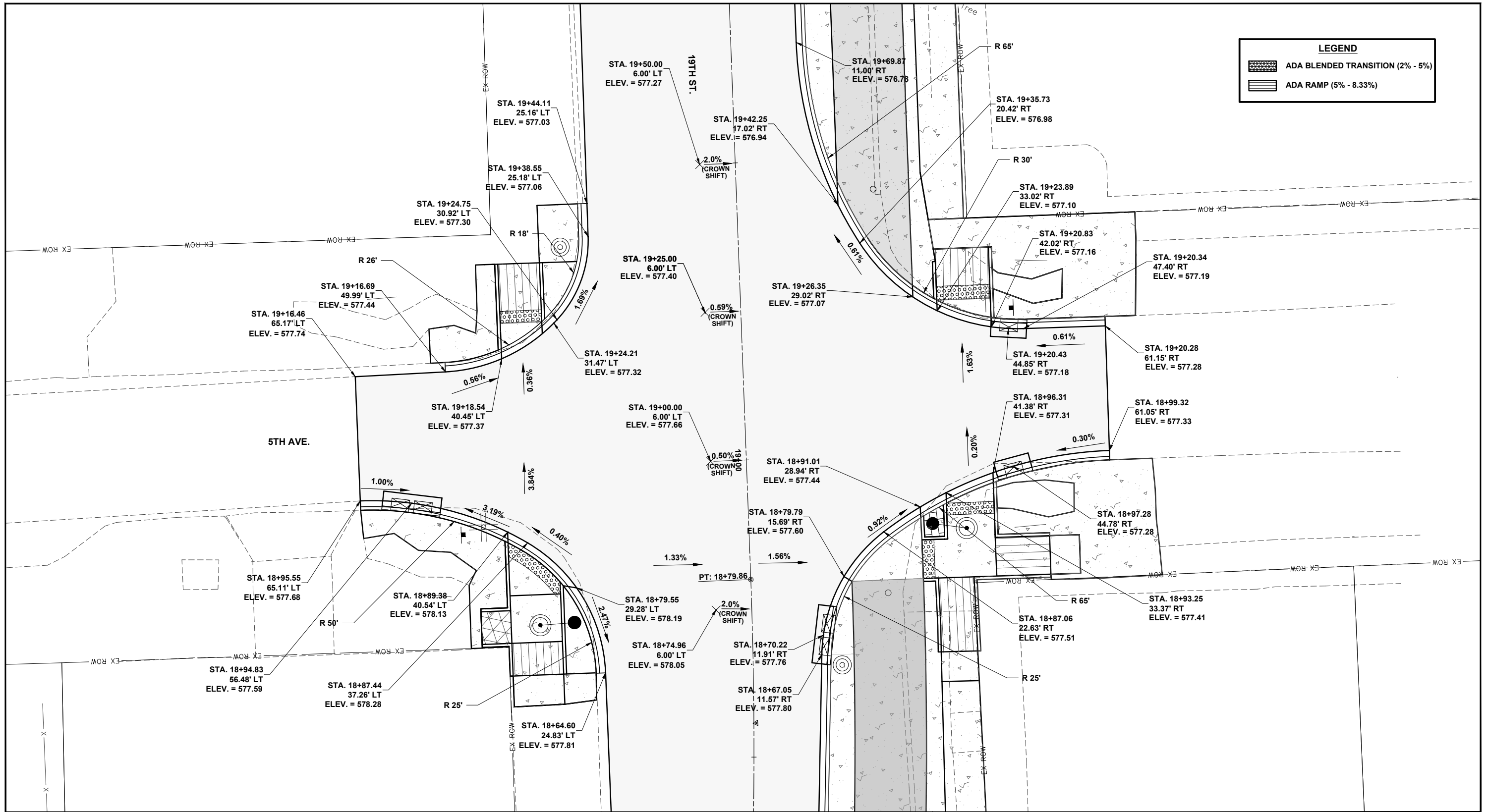
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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-intersection detail-2-6th Ave & 19th St.dwg



<p>CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265</p>	<p>Hutchison Engineering, Inc.</p>	<p>19TH ST. BIKE PATH 19TH ST. (2 of 5) INTERSECTION DETAIL (6TH AVE. & 19TH ST.)</p>		<p>NORTH</p>	<p>SCALED FOR 11"X17" PAPER</p> <p>0' 8' 16' SCALE: 1" = 16'</p>	<p>Date 05-22-23</p>	<p>SHEET 79 OF 143</p>
		<p>Project #4789</p>	<p>Designer RMB</p>				

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-intersection detail-3-5th Ave & 19th St.dwg



LEGEND

- ADA BLENDED TRANSITION (2% - 5%)
- ADA RAMP (5% - 8.33%)



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19TH ST. BIKE PATH
 19TH ST. (3 of 5)
 INTERSECTION DETAIL (5TH AVE. & 19TH ST.)

DATE	REVISION

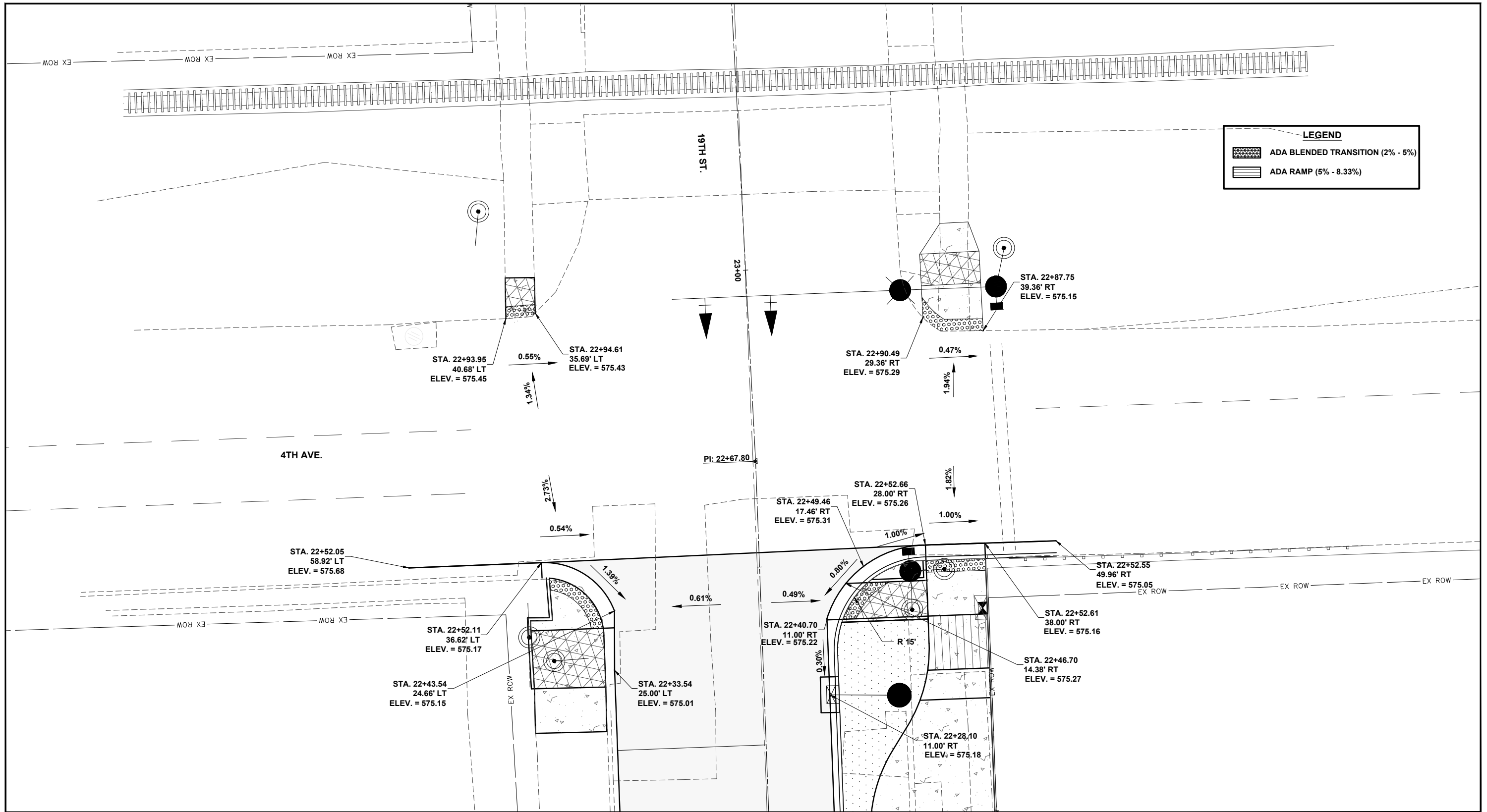


SCALED FOR
 11"X17" PAPER
 0' 8' 16'
 SCALE: 1" = 16'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

SHEET
80
 OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-intersection detail-4-4th Ave & 19th St.dwg

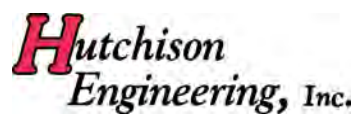


LEGEND

- ADA BLENDED TRANSITION (2% - 5%)
- ADA RAMP (5% - 8.33%)



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19TH ST. BIKE PATH
 19TH ST. (4 of 5)
 INTERSECTION DETAIL (4TH AVE. & 19TH ST.)

DATE	REVISION



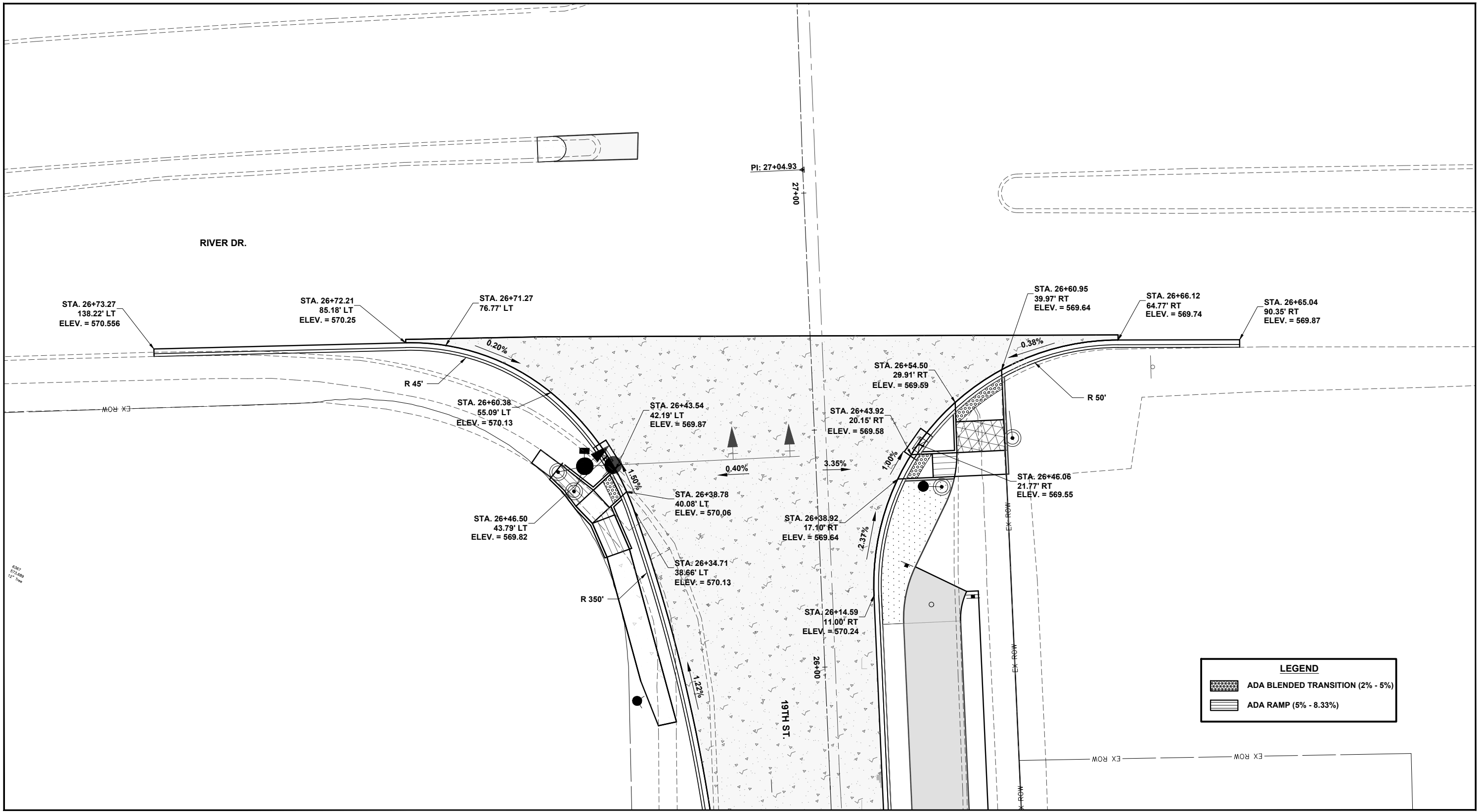
SCALED FOR
 11"X17" PAPER

 SCALE: 1" = 16'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

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 OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-intersection detail-5-River Dr & 19th St.dwg



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ENGINEERING DIVISION
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3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST. (5 of 5)
INTERSECTION DETAIL (RIVER DR. & 19TH ST.)

DATE	REVISION

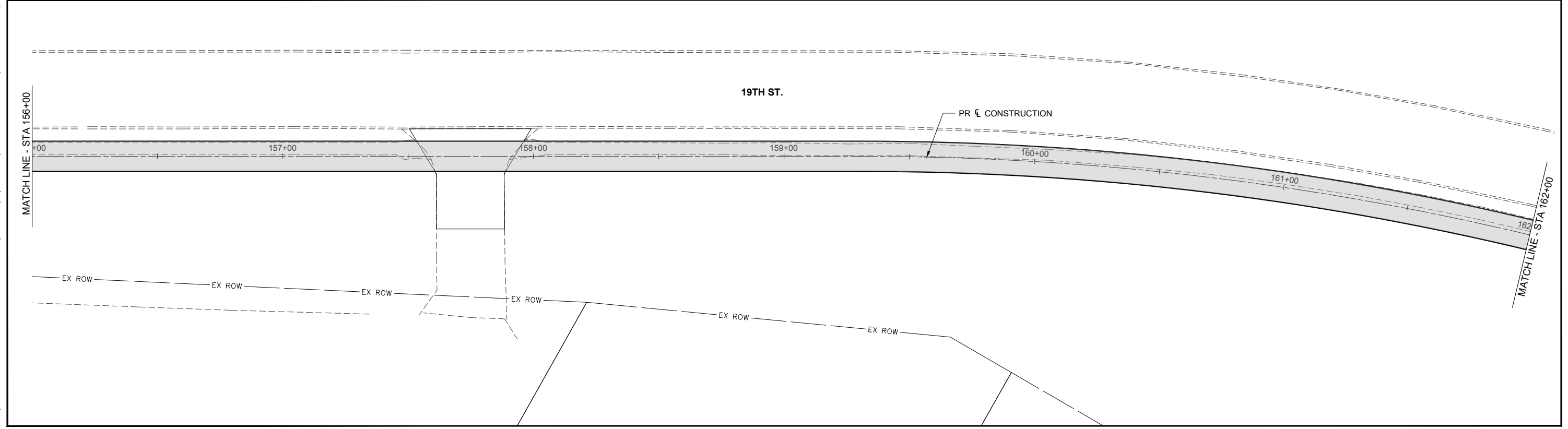
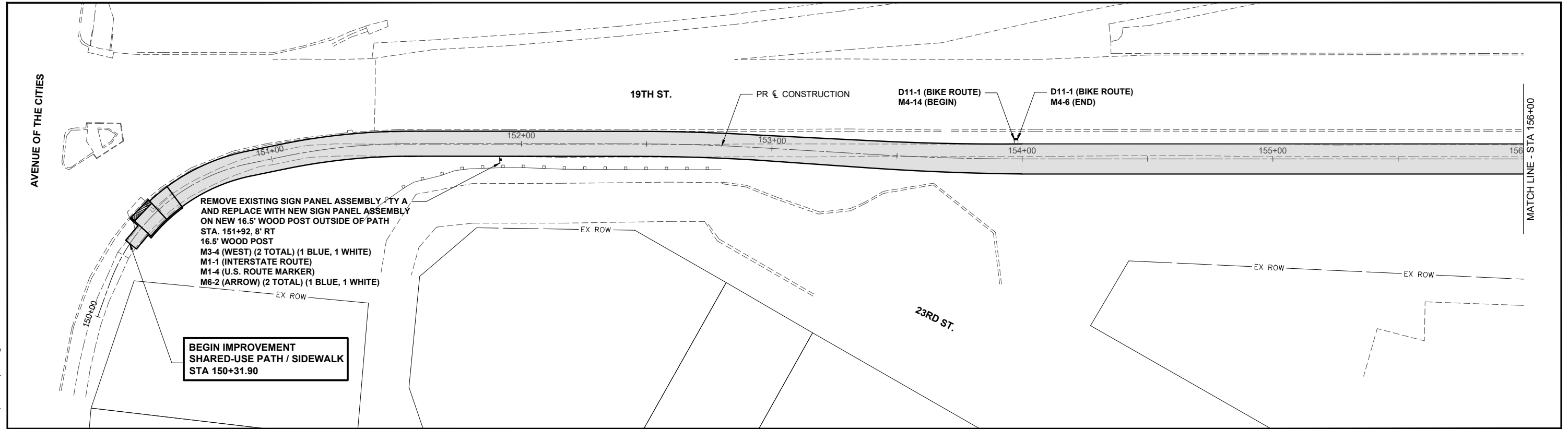


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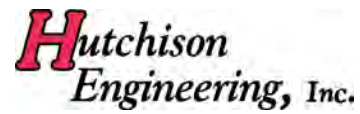
Date **05-22-23**
Project **#4789**
Designer **RMB**

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82
OF
143

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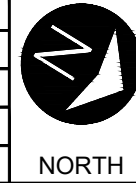


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19TH ST. BIKE PATH
19TH ST. (SOUTH SECTION)
PAVEMENT MARKING & SIGNING PLAN (1 of 6)

DATE	REVISION

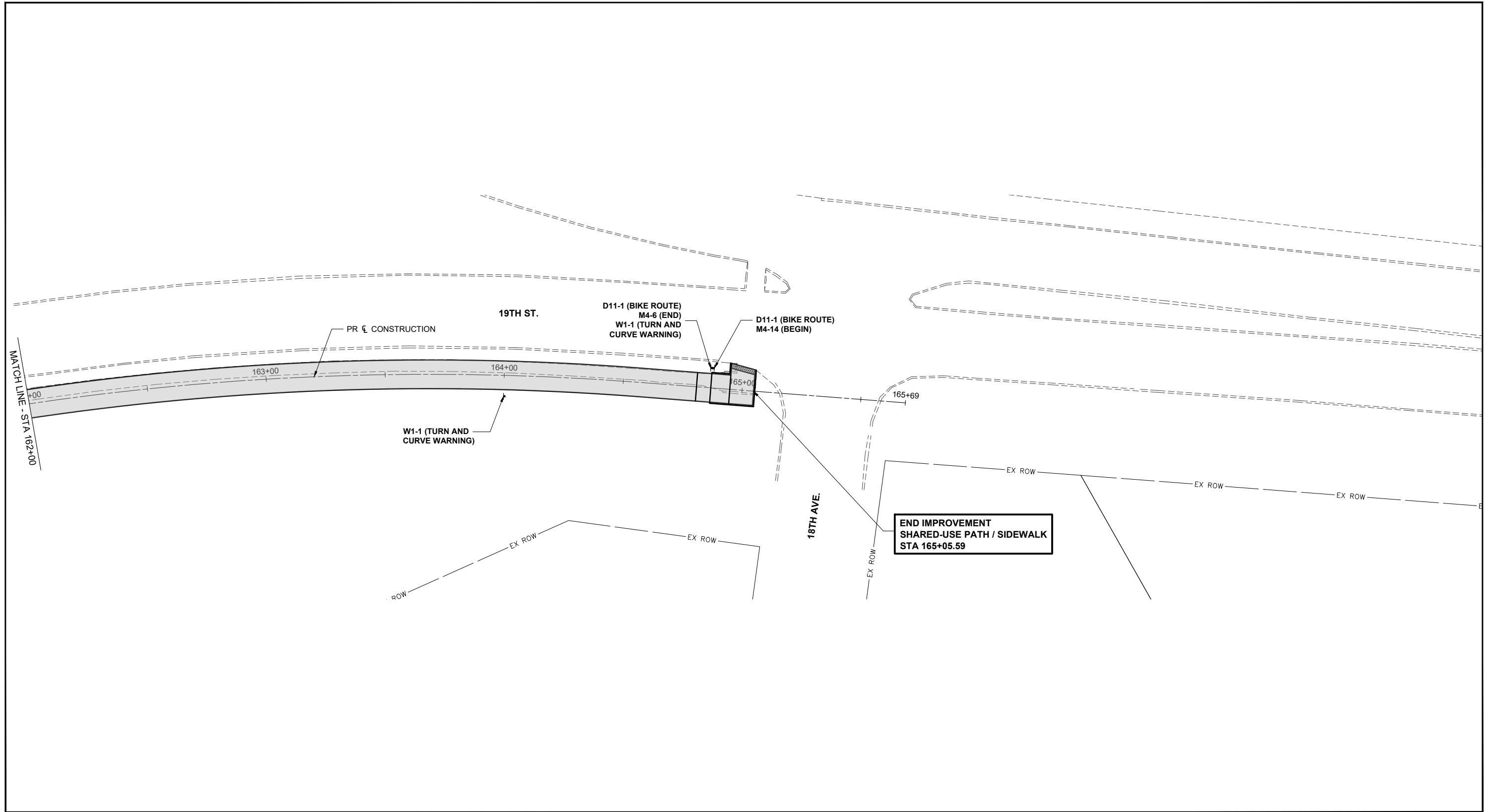


SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
83
OF
143

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-pmk(south).dwg

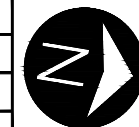


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19TH ST. BIKE PATH
 19TH ST. (SOUTH SECTION)
 PAVEMENT MARKING & SIGNING PLAN (2 of 6)

DATE	REVISION



NORTH

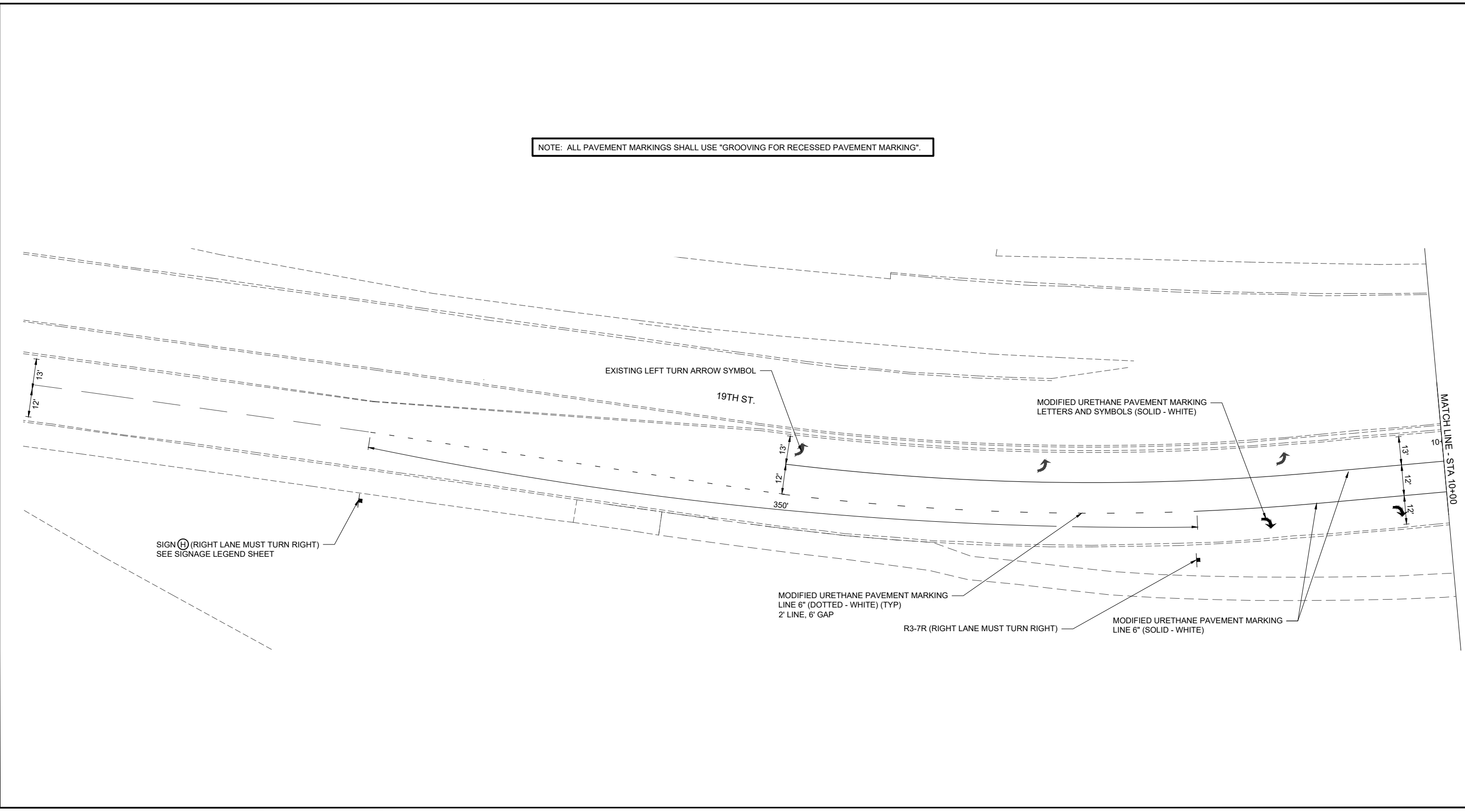
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 0' 20' 40'
 SCALE: 1" = 40'

Date **05-22-23**
 Project **#4789**
 Designer **RMB**

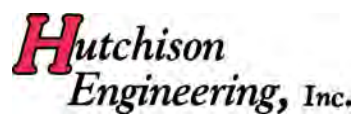
SHEET
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143

NOTE: ALL PAVEMENT MARKINGS SHALL USE "GROOVING FOR RECESSED PAVEMENT MARKING".

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-pmk.dwg

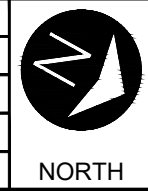


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ENGINEERING DIVISION
(309) 524-2350
3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PAVEMENT MARKING & SIGNING PLAN (3 of 6)

DATE	REVISION

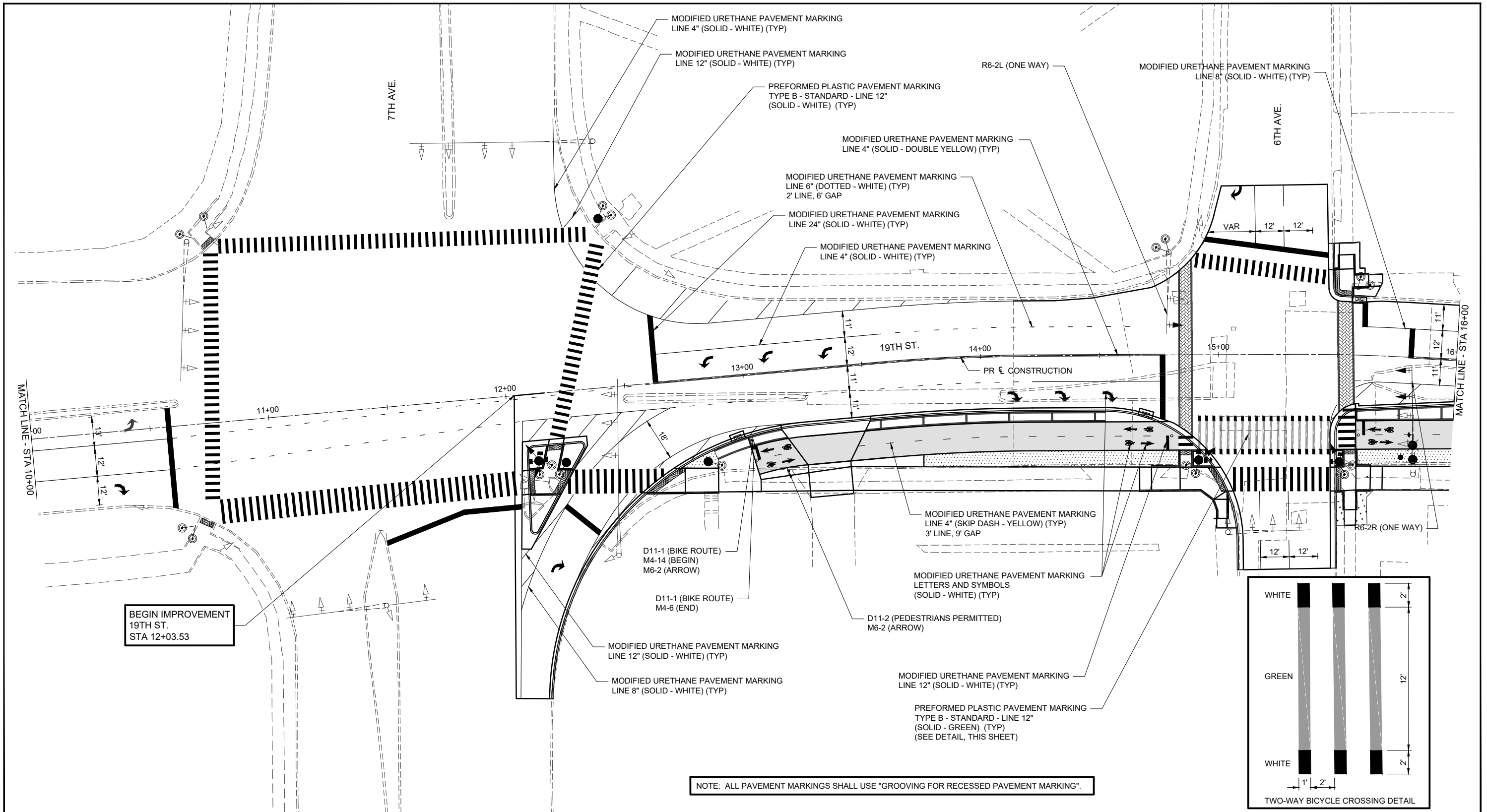


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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

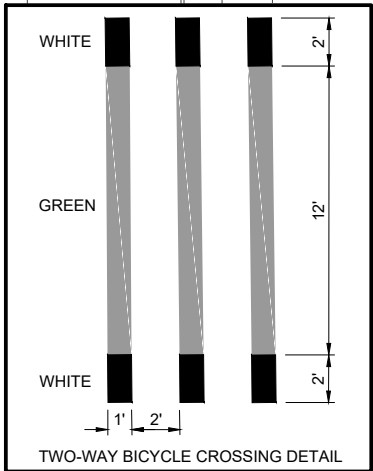
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143

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BEGIN IMPROVEMENT
19TH ST.
STA 12+03.53

NOTE: ALL PAVEMENT MARKINGS SHALL USE "GROOVING FOR RECESSED PAVEMENT MARKING".

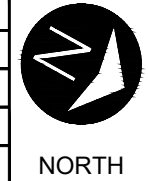


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PAVEMENT MARKING & SIGNING PLAN (4 of 6)

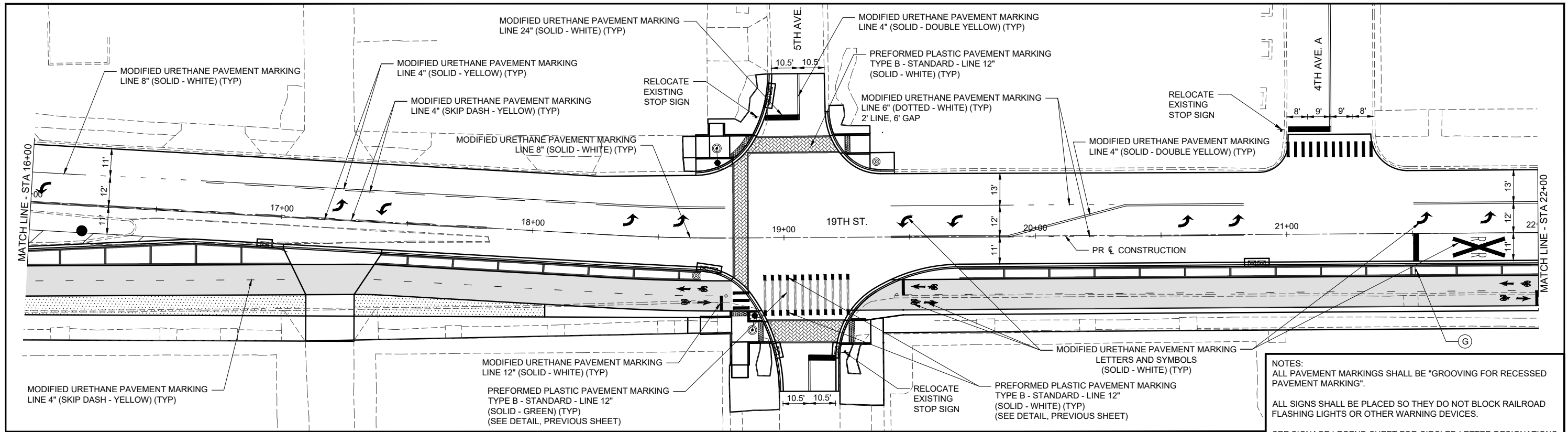
DATE	REVISION



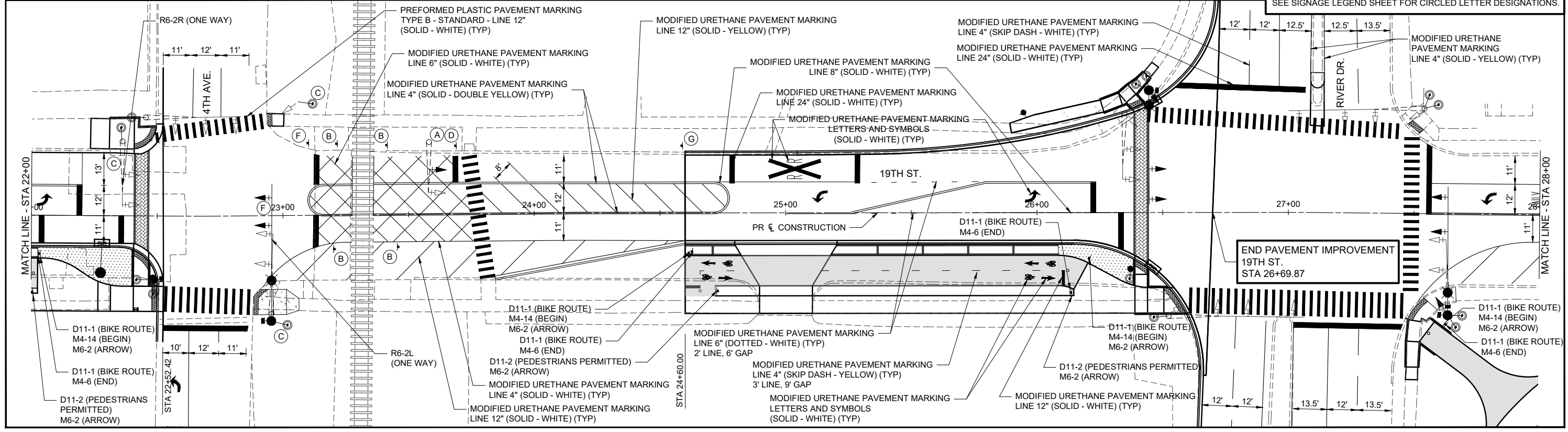
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0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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86
OF
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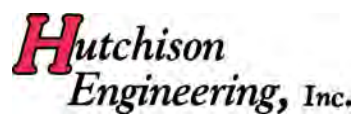
NOTES:
 ALL PAVEMENT MARKINGS SHALL BE "GROOVING FOR RECESSED PAVEMENT MARKING".
 ALL SIGNS SHALL BE PLACED SO THEY DO NOT BLOCK RAILROAD FLASHING LIGHTS OR OTHER WARNING DEVICES.
 SEE SIGNAGE LEGEND SHEET FOR CIRCLED LETTER DESIGNATIONS.



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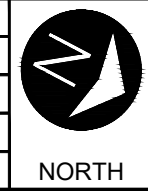


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19TH ST. BIKE PATH
 19TH ST. (NORTH SECTION)
 PAVEMENT MARKING & SIGNING PLAN (5 of 6)

DATE	REVISION

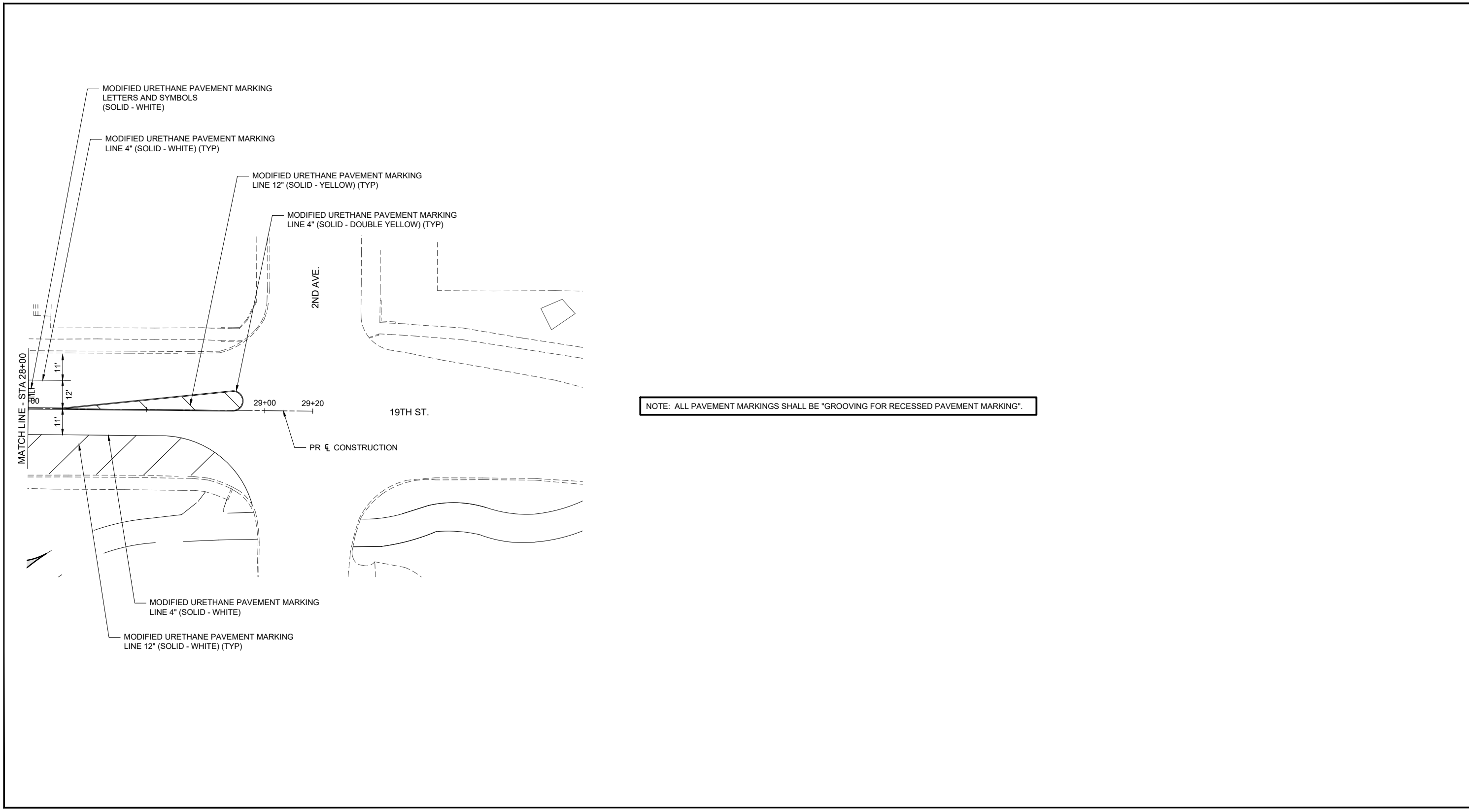


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
PAVEMENT MARKING & SIGNING PLAN (6 of 6)

DATE	REVISION



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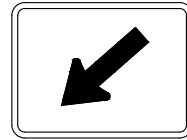
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SIGNAGE LEGEND

RAILROAD SIGNAGE LEGEND



D11-1
24" x 18"



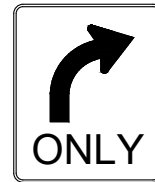
M6-2L
12" x 9"



R6-2L
30" x 36"



D11-2
24" x 18"



R3-5R
30" x 36"



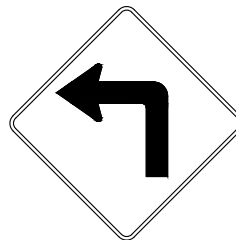
R6-2R
30" x 36"



M4-6
12" x 6"



R3-7R
36" x 36"



W1-1
30" x 30"



M4-14
12" x 6"



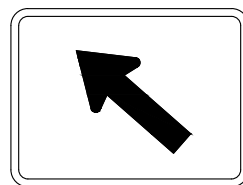
M1-1
36" x 36"



M1-4
36" x 36"



M3-4
36" x 18"



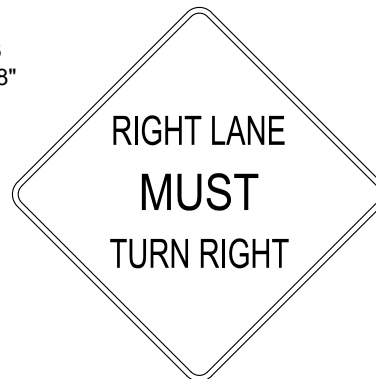
M6-2L
30" x 21"



D3-3
36" x 8"

WHITE BORDER AND LETTERING - GREEN BACKGROUND

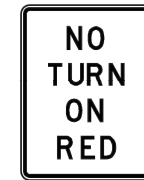
STREET:
19TH STREET (8 EA)
7TH AVENUE (2 EA)
6TH AVENUE (2 EA)
4TH AVENUE (2 EA)
RIVER DR (2 EA)



SIGN (H)
36" x 36"

BLACK BORDER AND LETTERING - ORANGE BACKGROUND

SIGN (A)



R10-11
24" x 30"

SIGN (B)



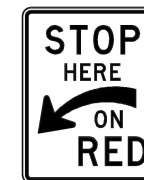
R8-8
24" x 30"

SIGN (C)



W10-I101
18" x 24"

SIGN (D)



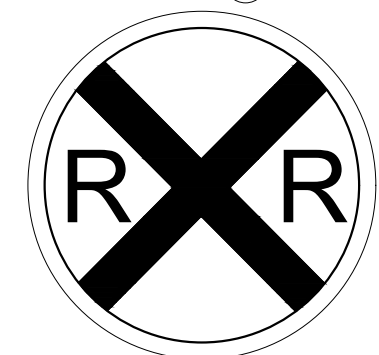
R10-6A (L)
24" x 30"

OR



R10-6 (L)
24" x 36"

SIGN (G)



W10-1
36" DIA

SIGN (E)



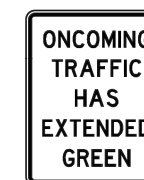
R10-6a (R)
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OR



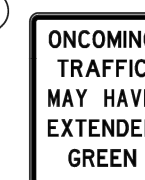
R10-6 (R)
24" x 36"

SIGN (F)



W25-1
24" x 30"

OR



W25-2
24" x 30"

ONLY INSTALLED AS REQUIRED

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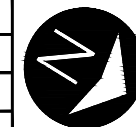
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19TH ST. BIKE PATH

19TH ST.
SIGNAGE LEGEND

DATE	REVISION












NORTH

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Designer **RMB**

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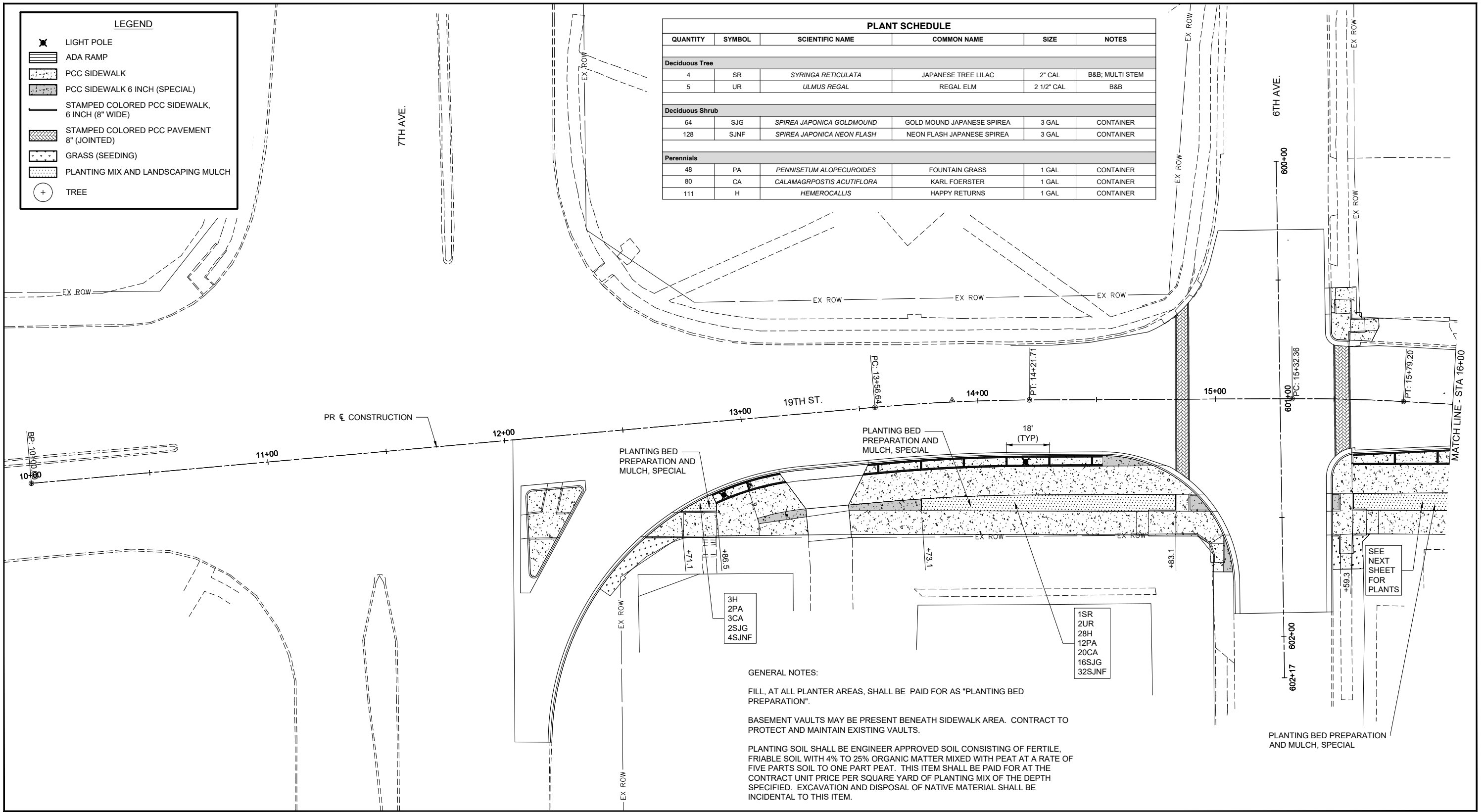
LEGEND

-  LIGHT POLE
-  ADA RAMP
-  PCC SIDEWALK
-  PCC SIDEWALK 6 INCH (SPECIAL)
-  STAMPED COLORED PCC SIDEWALK, 6 INCH (8" WIDE)
-  STAMPED COLORED PCC PAVEMENT 8" (JOINTED)
-  GRASS (SEEDING)
-  PLANTING MIX AND LANDSCAPING MULCH
-  TREE

PLANT SCHEDULE

QUANTITY	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	NOTES
Deciduous Tree					
4	SR	<i>SYRINGA RETICULATA</i>	JAPANESE TREE LILAC	2" CAL	B&B; MULTI STEM
5	UR	<i>ULMUS REGAL</i>	REGAL ELM	2 1/2" CAL	B&B
Deciduous Shrub					
64	SJG	<i>SPIREA JAPONICA GOLDMOUND</i>	GOLD MOUND JAPANESE SPIREA	3 GAL	CONTAINER
128	SJNF	<i>SPIREA JAPONICA NEON FLASH</i>	NEON FLASH JAPANESE SPIREA	3 GAL	CONTAINER
Perennials					
48	PA	<i>PENNISETUM ALOPECUROIDES</i>	FOUNTAIN GRASS	1 GAL	CONTAINER
80	CA	<i>CALAMAGRPOSTIS ACUTIFLORA</i>	KARL FOERSTER	1 GAL	CONTAINER
111	H	<i>HEMEROCALLIS</i>	HAPPY RETURNS	1 GAL	CONTAINER

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GENERAL NOTES:

FILL, AT ALL PLANTER AREAS, SHALL BE PAID FOR AS "PLANTING BED PREPARATION".

BASEMENT VAULTS MAY BE PRESENT BENEATH SIDEWALK AREA. CONTRACT TO PROTECT AND MAINTAIN EXISTING VAULTS.

PLANTING SOIL SHALL BE ENGINEER APPROVED SOIL CONSISTING OF FERTILE, FRIABLE SOIL WITH 4% TO 25% ORGANIC MATTER MIXED WITH PEAT AT A RATE OF FIVE PARTS SOIL TO ONE PART PEAT. THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD OF PLANTING MIX OF THE DEPTH SPECIFIED. EXCAVATION AND DISPOSAL OF NATIVE MATERIAL SHALL BE INCIDENTAL TO THIS ITEM.



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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STREETScape PLAN (1 of 3)

DATE	REVISION



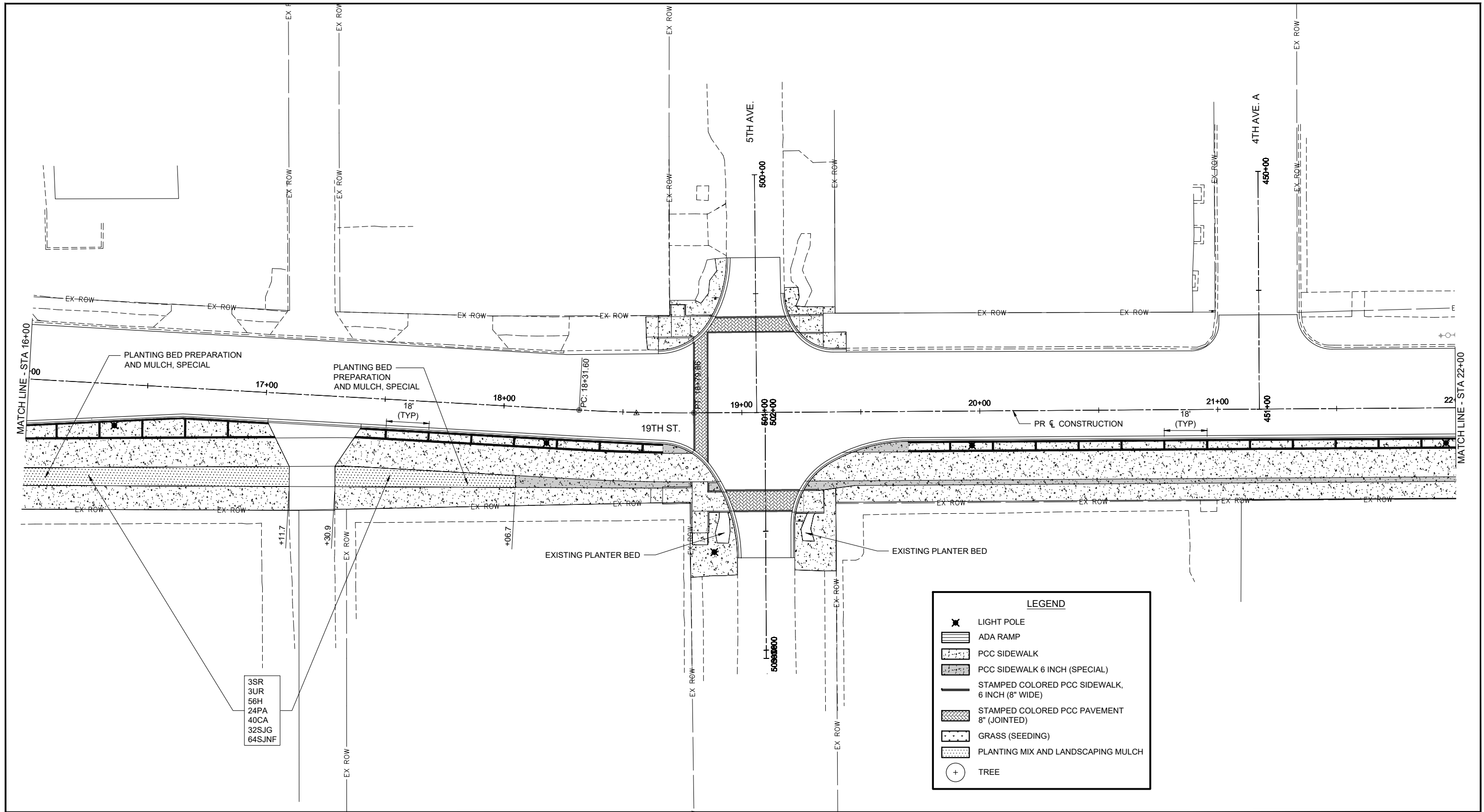
SCALED FOR
11"X17" PAPER

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SCALE: 1" = 40'

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90
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143

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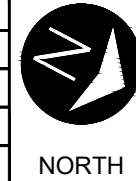


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STREETScape PLAN (2 of 3)

DATE	REVISION

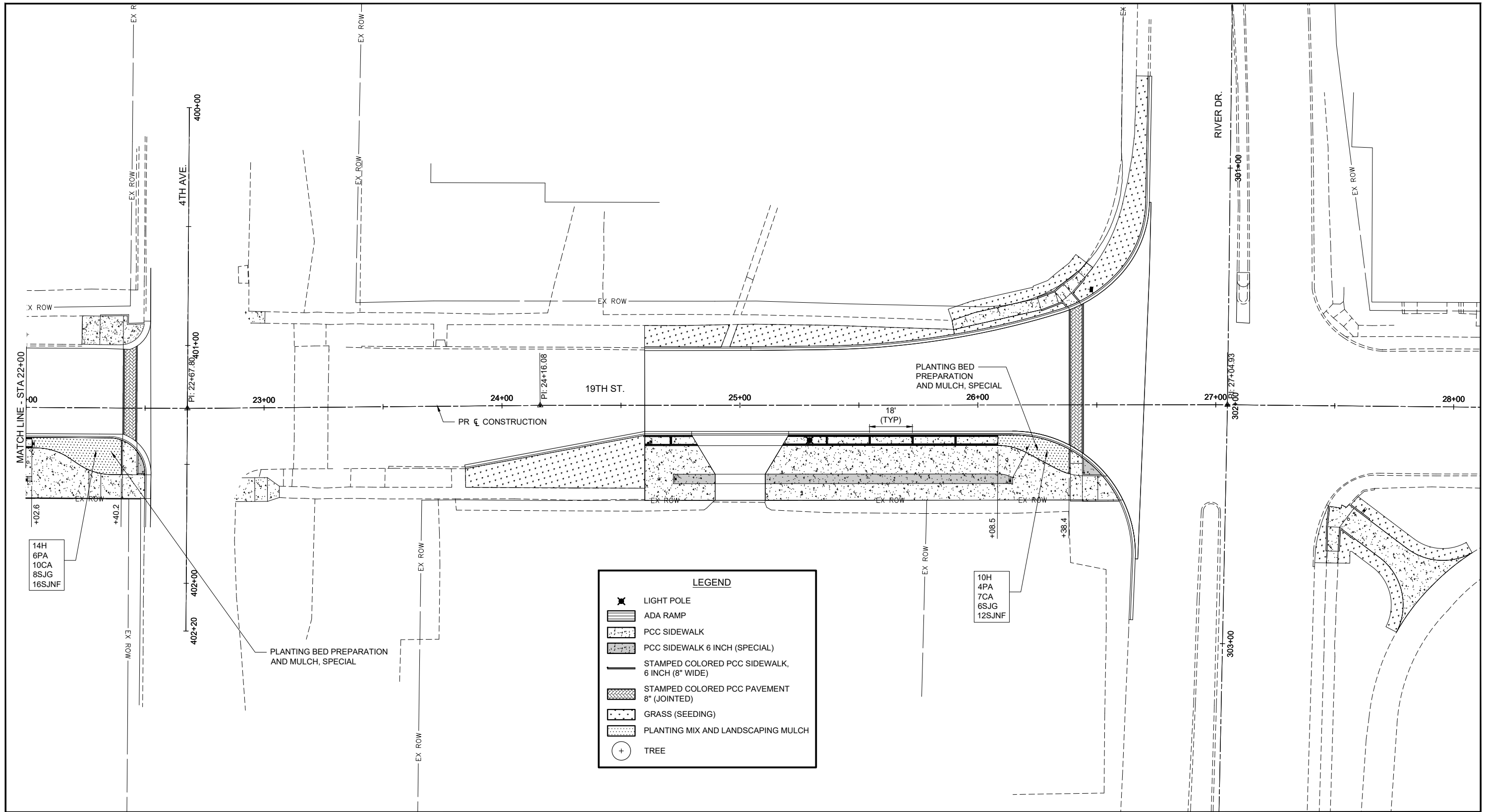


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LEGEND

- LIGHT POLE
- ADA RAMP
- PCC SIDEWALK
- PCC SIDEWALK 6 INCH (SPECIAL)
-
-
- GRASS (SEEDING)
- PLANTING MIX AND LANDSCAPING MULCH
- TREE

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Hutchison
Engineering, Inc.

19TH ST. BIKE PATH

19TH ST. (NORTH SECTION)

STREETScape PLAN (3 of 3)

DATE	REVISION

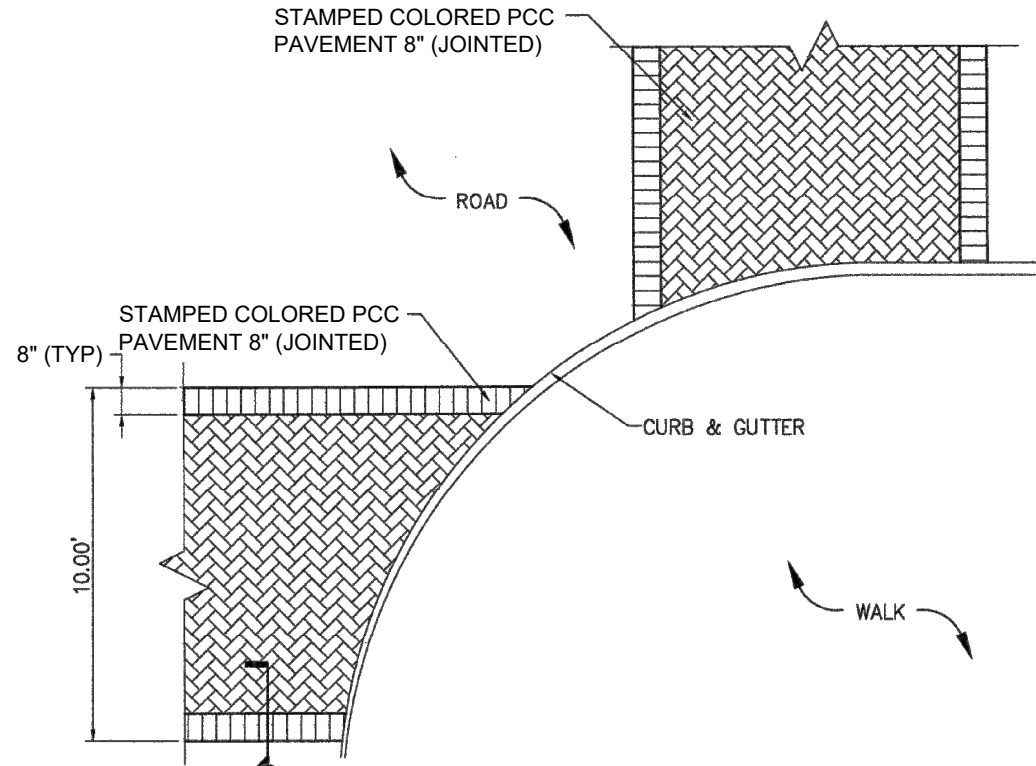


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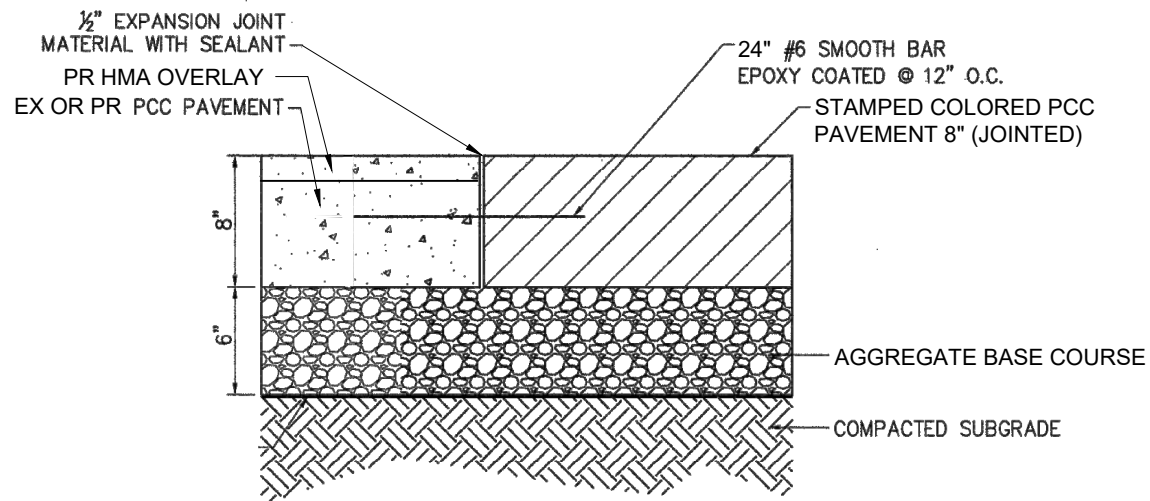
Date	05-22-23
Project	#4789
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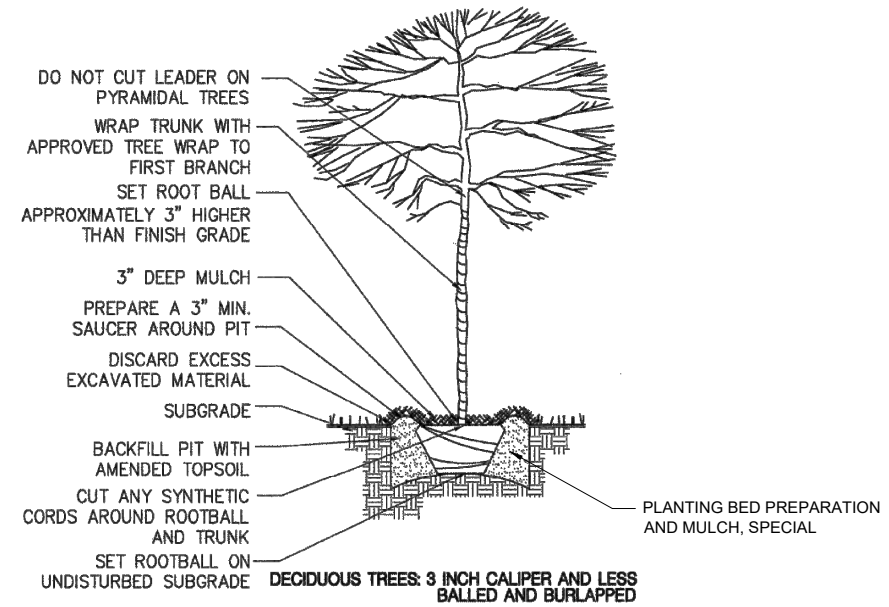
TYP. CROSSWALK LAYOUT- 5TH AVENUE INTERSECTION

NTS



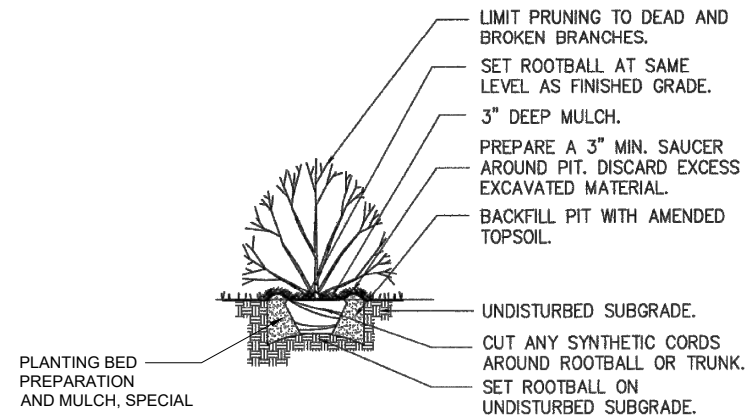
CROSSWALK SECTION

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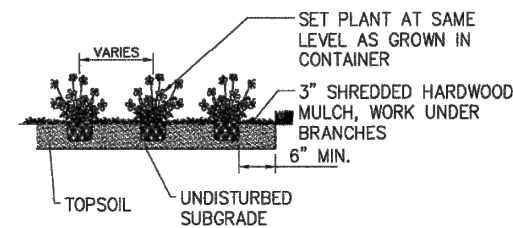
DECIDUOUS TREE

NOT TO SCALE



SHRUB PLANTING

NOT TO SCALE



PERENNIAL PLANTING

NOT TO SCALE

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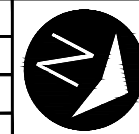


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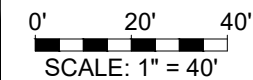
19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STREETScape DETAILS

DATE	REVISION



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TRAFFIC SIGNAL GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT DISTRICT 2 TRAFFIC SIGNAL SECTION A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 2, SHALL BE NOTIFIED AT 815-284-5468 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
5. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
6. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
7. A 1/2" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
8. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED IN THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
9. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL CONDUIT PUSHED MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
12. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
13. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
14. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
15. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
16. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
17. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
19. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.
20. ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
21. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
22. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
23. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
24. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.
25. BACKPLATES SHALL BE RETROREFLECTIVE BACKPLATES.
26. ALL SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND BLACK BACKPLATES.

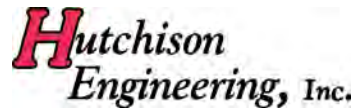
TEMPORARY TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL HEADS ON AN INDIVIDUAL SPAN WIRE SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.
2. THE CONTRACTOR SHALL PROVIDE 3 FEET OF SLACK CABLE IN THE CONTROLLER AND ON THE WOOD POLES. THE SLACK IS IN ADDITION TO THE VERTICAL LENGTH OF CABLE DEFINED IN THE STANDARD SPECIFICATIONS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR ELECTRICAL CABLE OF THE TYPE SPECIFIED.
3. ALL TEMPORARY WOOD POLES SHALL BE INSTALLED SO THAT A MINIMUM OF 30' OF POLE IS ABOVE THE EXISTING PAVEMENT ELEVATION ADJACENT TO THE POLE. A SUFFICIENT LENGTH OF POLE SHALL BE BURIED AND BACK GUYED TO ALLOW THE INSTALLATION TO WITHSTAND A 70 MPH SUSTAINED WIND LOADING.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE WOOD POLE LOCATIONS BEFORE ORDERING TO DETERMINE IF LONGER POLES ARE REQUIRED.
5. TEMPORARY SIGNAL HEADS SHALL BE RELOCATED AS NECESSARY TO LINE UP WITH STAGE TRAFFIC LANES. THIS WORK WILL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

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19TH ST. BIKE PATH
19TH ST.
TRAFFIC SIGNAL GENERAL NOTES

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


















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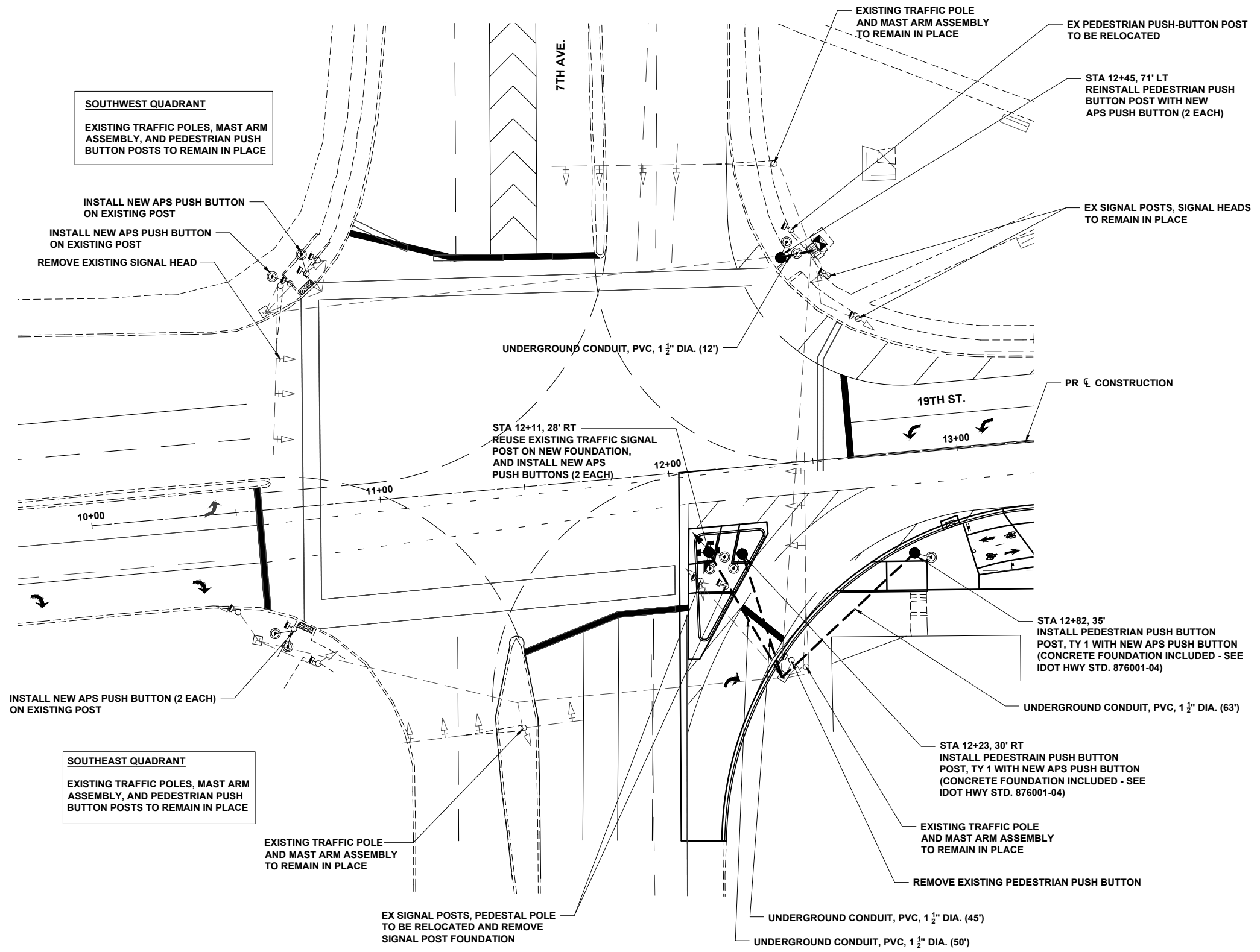
Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
94
OF
143

TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
-  SIGNAL POST AND FOUNDATION
-  SIGNAL HEAD
-  SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  EXISTING HANDHOLE
-  PROPOSED HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD
-  EXISTING TRAF SIGNAL POST WITH SIGNAL HEAD, PUSH BUTTON, AND PED SIGNAL HEAD
-  PROPOSED PEDESTRIAN PUSH BUTTON POST WITH NEW APS PUSH BUTTON
-  RELOCATED/PROPOSED PEDESTRIAN SIGNAL HEAD
-  PROPOSED BICYCLE SIGNAL HEAD

SUMMARY OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	170
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2200
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	693
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	231
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	231
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	4
89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2
X8950305	REMOVE TRAFFIC SIGNAL HEAD	EACH	1
XX008197	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	EACH	1



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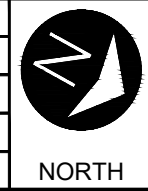


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19TH ST. BIKE PATH
19TH ST. & 7TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL PLAN (1 of 5)

DATE	REVISION






















SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

SHEET
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143

TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
-  SIGNAL POST AND FOUNDATION
-  SIGNAL HEAD
-  SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  EXISTING HANDHOLE
-  PROPOSED HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD
-  EXISTING TRAF SIGNAL POST WITH SIGNAL HEAD, PUSH BUTTON, AND PED SIGNAL HEAD
-  PROPOSED PEDESTRIAN PUSH BUTTON POST WITH NEW APS PUSH BUTTON
-  RELOCATED/PROPOSED PEDESTRIAN SIGNAL HEAD
-  PROPOSED BICYCLE SIGNAL HEAD

INSTALL NEW APS PUSH BUTTONS TO EXISTING POLE (2 EACH)
EXISTING MAST ARM ASSEMBLY AND POLE TO REMAIN IN PLACE

REMOVE EXISTING 3-SECTION SIGNAL HEAD AND INSTALL 5-SECTION SIGNAL HEAD

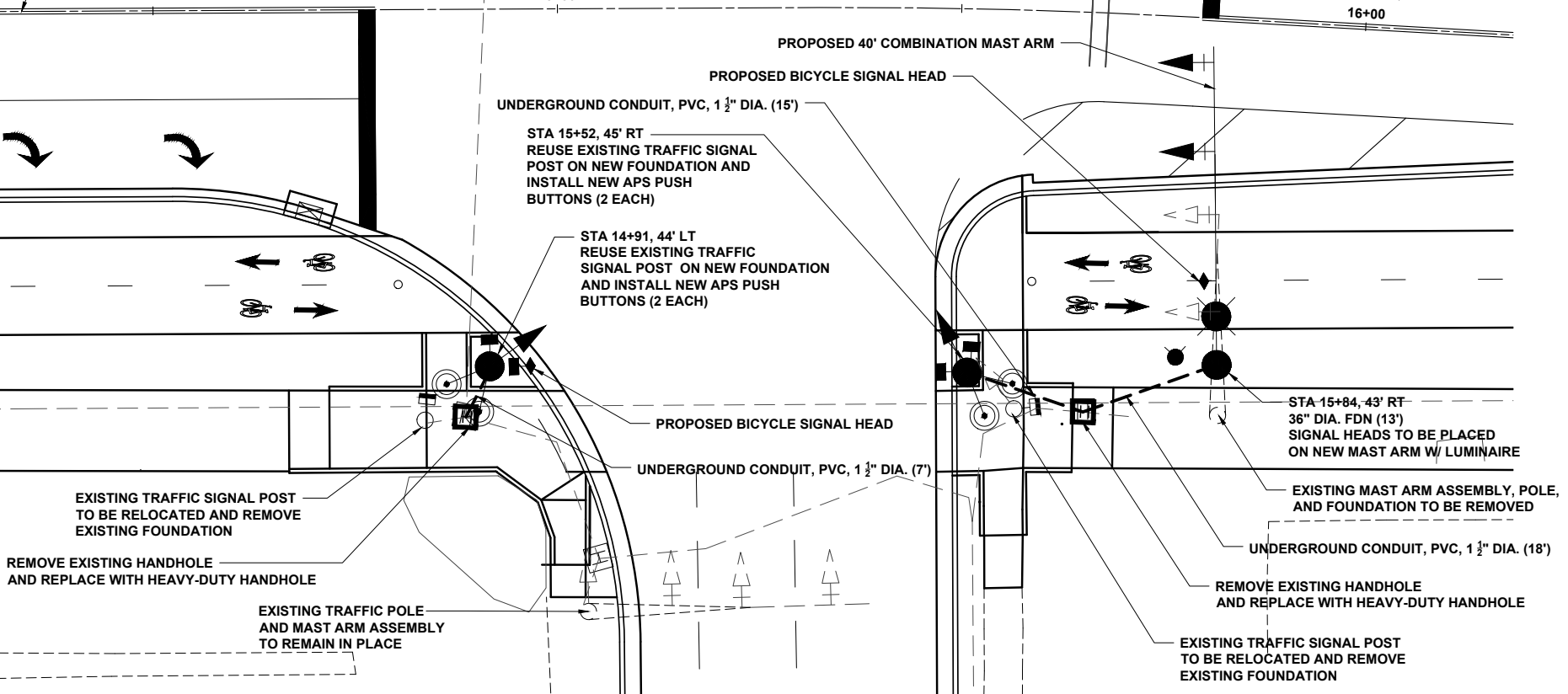
STA 15+58, 27' LT
INSTALL NEW APS PUSH BUTTONS TO EXISTING POLE (2 EACH)

PR & CONSTRUCTION

15+00 19TH ST.

16+00

6TH AVE.
(IL-92 EB)



SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	40
81400200	HEAVY-DUTY HANDHOLE	EACH	2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	924
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1138
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	920
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800415	CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FOOT	13
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8950305	REMOVE TRAFFIC SIGNAL HEAD	EACH	1
	REMOVE EXISTING MAST ARM	EACH	1
	BICYCLE SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2

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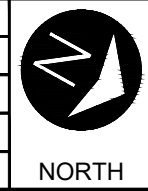


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19TH ST. BIKE PATH
19TH ST. & 6TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL PLAN (2 of 5)

DATE	REVISION



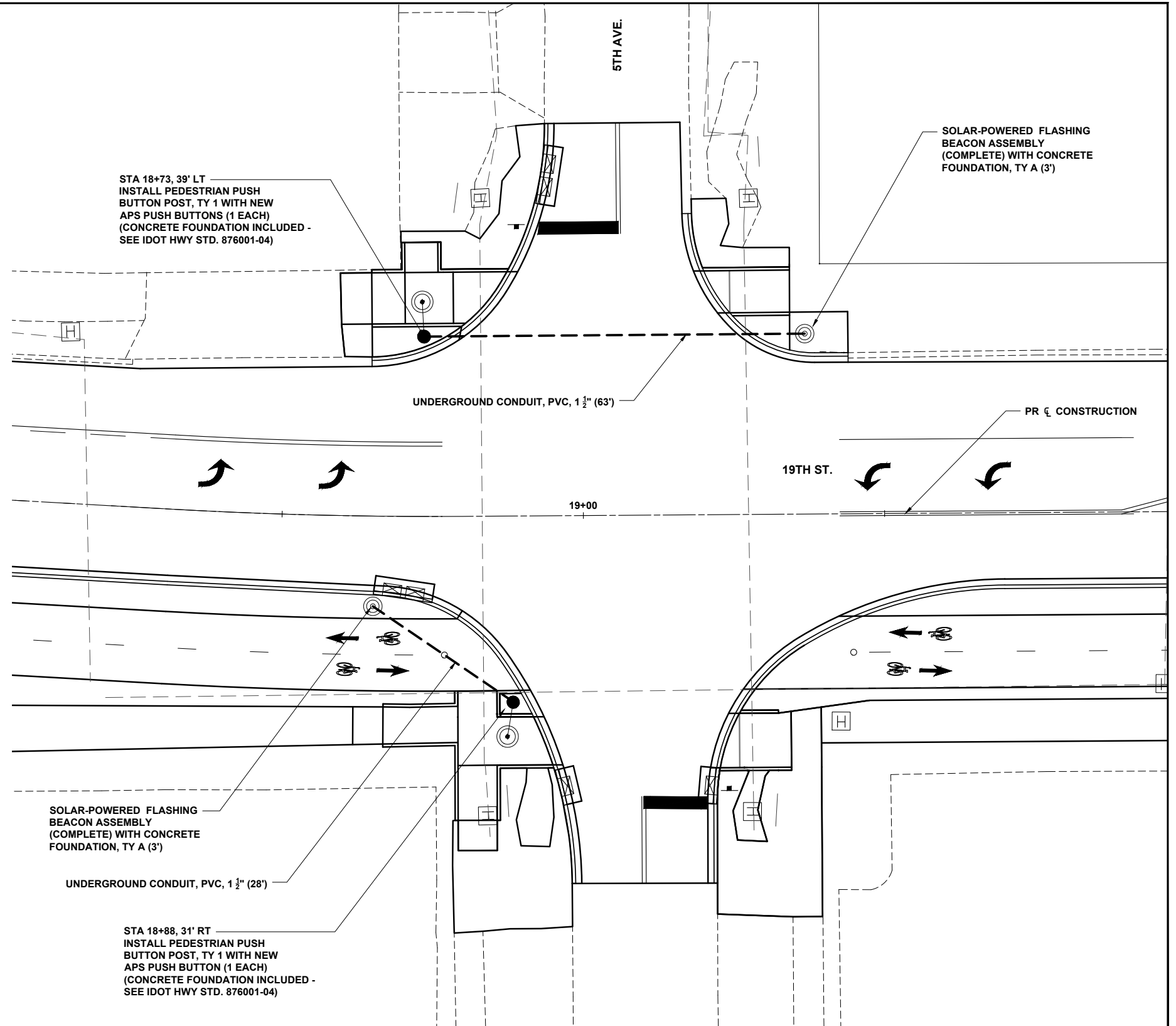
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0' 10' 20'
SCALE: 1" = 20'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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OF
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TRAFFIC SIGNAL LEGEND

- H EXISTING HANDHOLE
- H PROPOSED HANDHOLE
- EXISTING UNDERGROUND CONDUIT
- PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
- ⊙ PROPOSED SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
- PEDESTRIAN PUSH BUTTON POST WITH APS PUSH BUTTON



SUMMARY OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	91
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	127
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2

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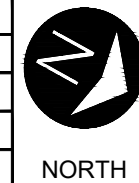


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19TH ST. BIKE PATH
19TH ST. & 5TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL PLAN (3 of 5)

DATE	REVISION



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SCALE: 1" = 20'

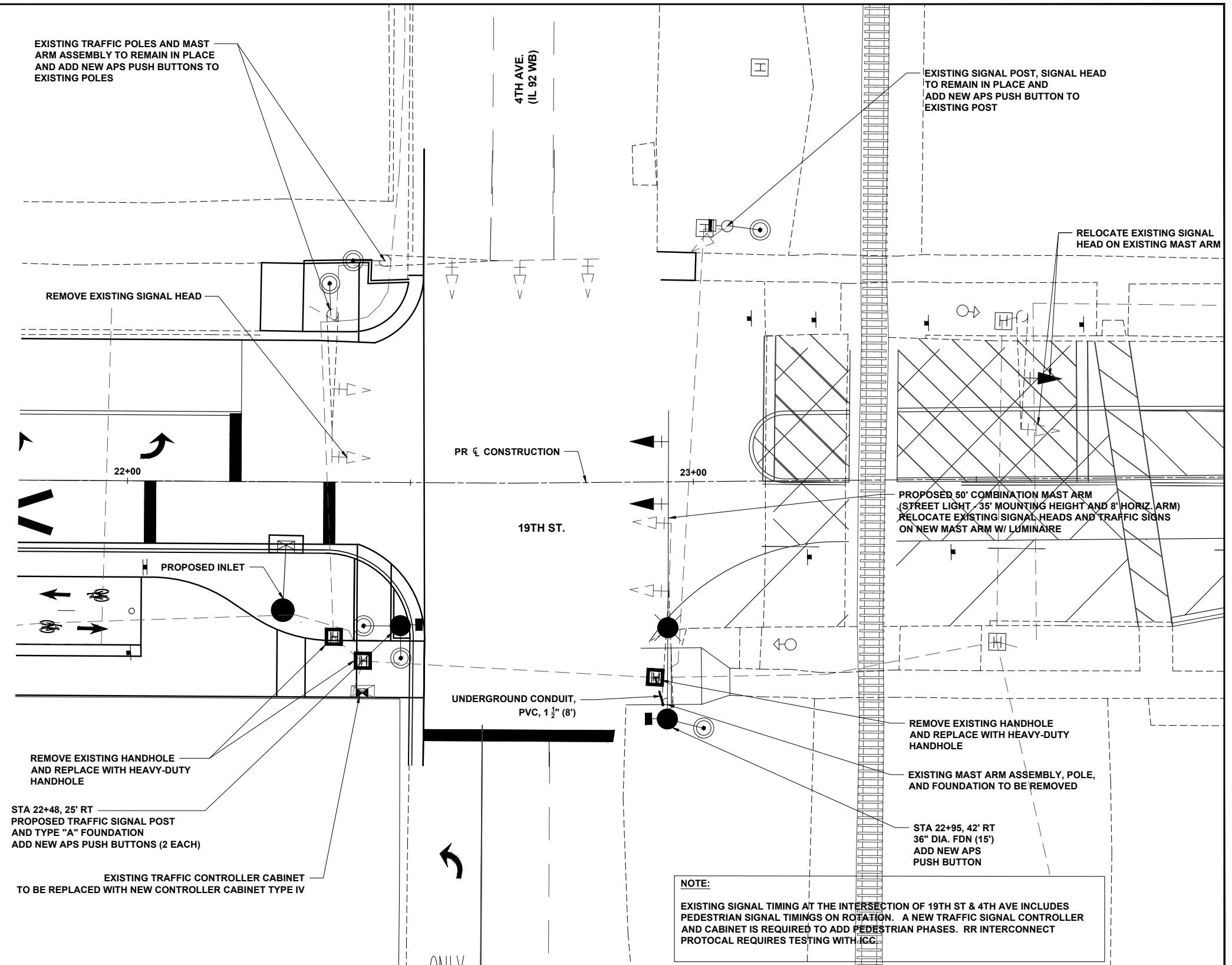
Date **05-22-23**
Project **#4789**
Designer **RMB**

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97
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143

TRAFFIC SIGNAL LEGEND

- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD
- EXISTING SIGNAL HEAD WITH BACKPLATE
- EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
- SERVICE INSTALLATION POLE MOUNT
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
- SIGNAL POST AND FOUNDATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- VIDEO DETECTION CAMERA
- EXISTING HANDHOLE
- PROPOSED HANDHOLE
- EXISTING UNDERGROUND CONDUIT
- PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
- EXISTING PEDESTAL POST WITH PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD
- EXISTING TRAF SIGNAL POST WITH SIGNAL HEAD, PUSH BUTTON, AND PED SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSH BUTTON POST WITH NEW APS PUSH BUTTON
- RELOCATED/PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED BICYCLE SIGNAL HEAD

SUMMARY OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	8
81400200	HEAVY-DUTY HANDHOLE	EACH	3
86300400	CONTROLLER CABINET TYPE IV	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	317
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	168
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	139
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	150
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FOOT	15
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	1
	REMOVE EXISTING MAST ARM	EACH	1



NOTE:
EXISTING SIGNAL TIMING AT THE INTERSECTION OF 19TH ST & 4TH AVE INCLUDES PEDESTRIAN SIGNAL TIMINGS ON ROTATION. A NEW TRAFFIC SIGNAL CONTROLLER AND CABINET IS REQUIRED TO ADD PEDESTRIAN PHASES. RR INTERCONNECT PROTOCOL REQUIRES TESTING WITH ICC.

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19TH ST. BIKE PATH
19TH ST. & 4TH AVE (NORTH SECTION)
TRAFFIC SIGNAL PLAN (4 of 5)

DATE	REVISION

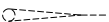











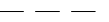








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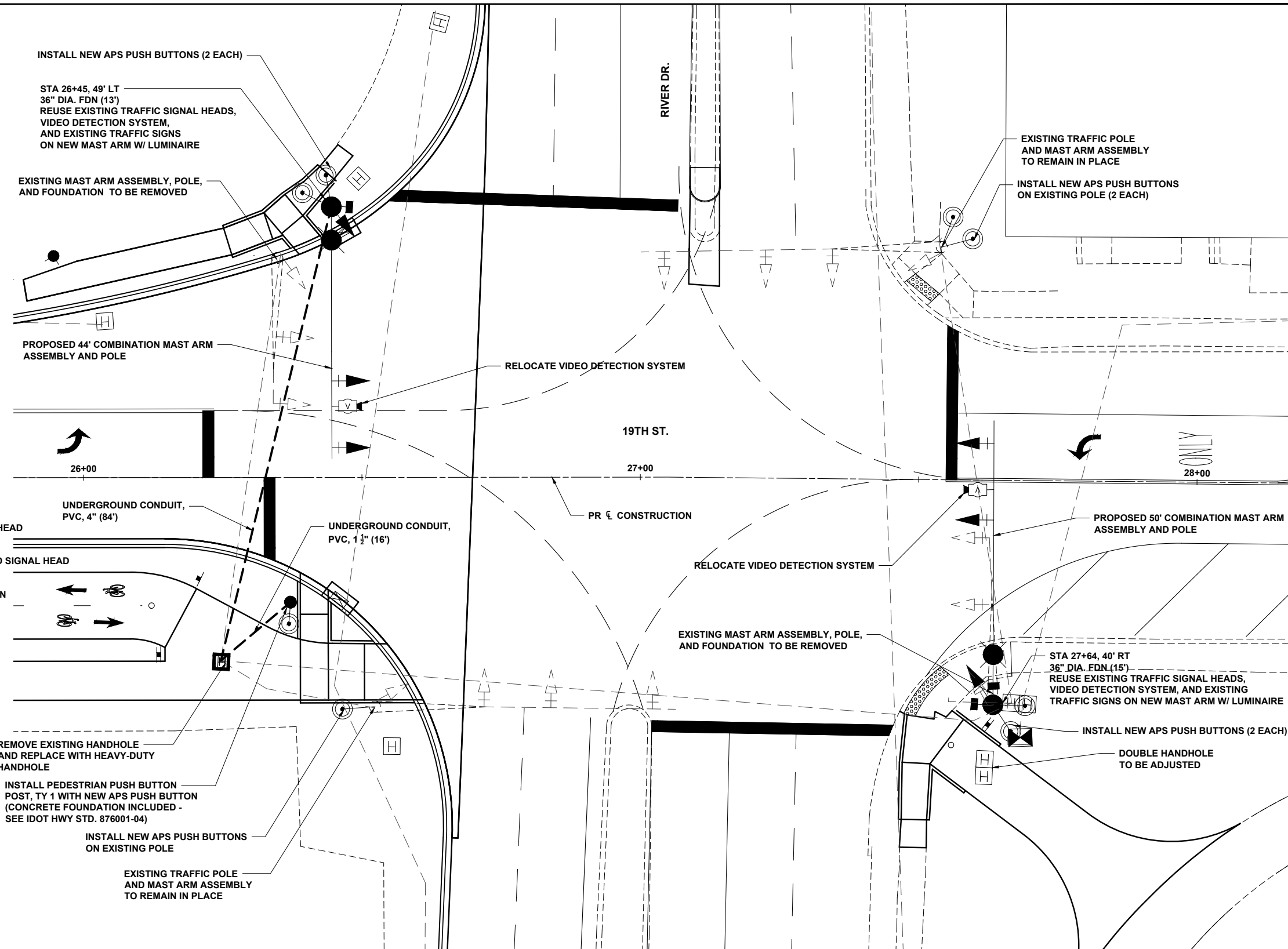
Date **05-22-23**
Project **#4789**
Designer **RMB**

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TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
-  SIGNAL POST AND FOUNDATION
-  SIGNAL HEAD
-  SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  EXISTING HANDHOLE
-  PROPOSED HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD
-  EXISTING TRAF SIGNAL POST WITH SIGNAL HEAD, PUSH BUTTON, AND PED SIGNAL HEAD
-  PROPOSED PEDESTRIAN PUSH BUTTON POST WITH NEW APS PUSH BUTTON
-  RELOCATED/PROPOSED PEDESTRIAN SIGNAL HEAD
-  PROPOSED BICYCLE SIGNAL HEAD

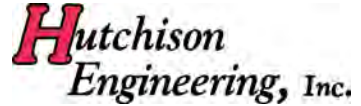
SUMMARY OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	16
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	84
81400200	HEAVY-DUTY HANDHOLE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1165
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	327
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	372
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	692
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
87800415	CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FOOT	28
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
X0322765	RELOCATE VIDEO DETECTION SYSTEM	EACH	1
X1400235	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	1
	REMOVE EXISTING MAST ARM	EACH	2



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19TH ST. BIKE PATH
19TH ST. & RIVER DR (NORTH SECTION)
TRAFFIC SIGNAL PLAN (5 of 5)

DATE	REVISION

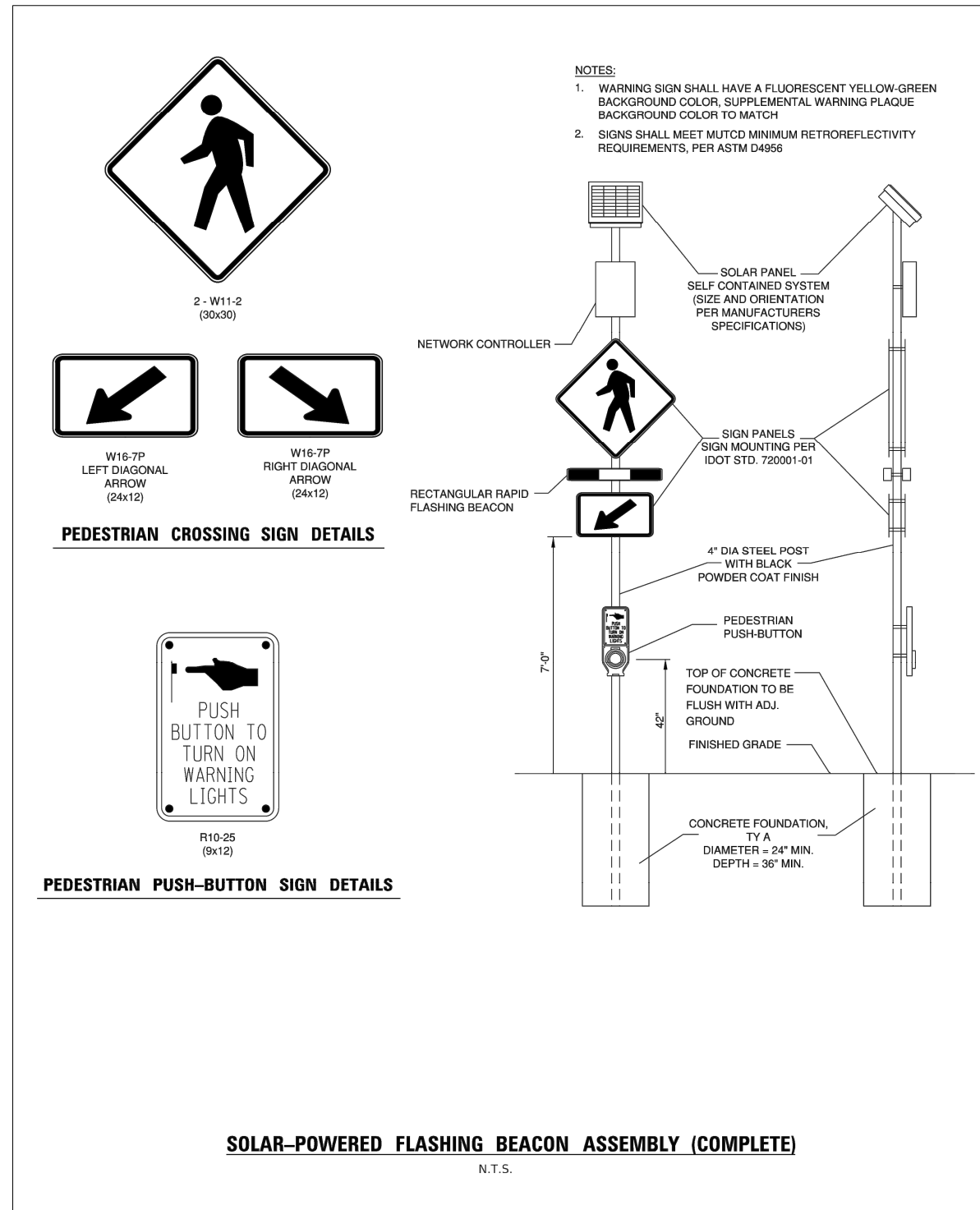


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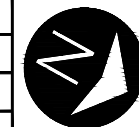


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19TH ST. BIKE PATH
19TH ST.
TRAFFIC SIGNAL PLAN DETAILS

DATE	REVISION



NORTH

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0' 20' 40'

SCALE: 1" = 40'

Date **05-22-23**
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Designer **RMB**

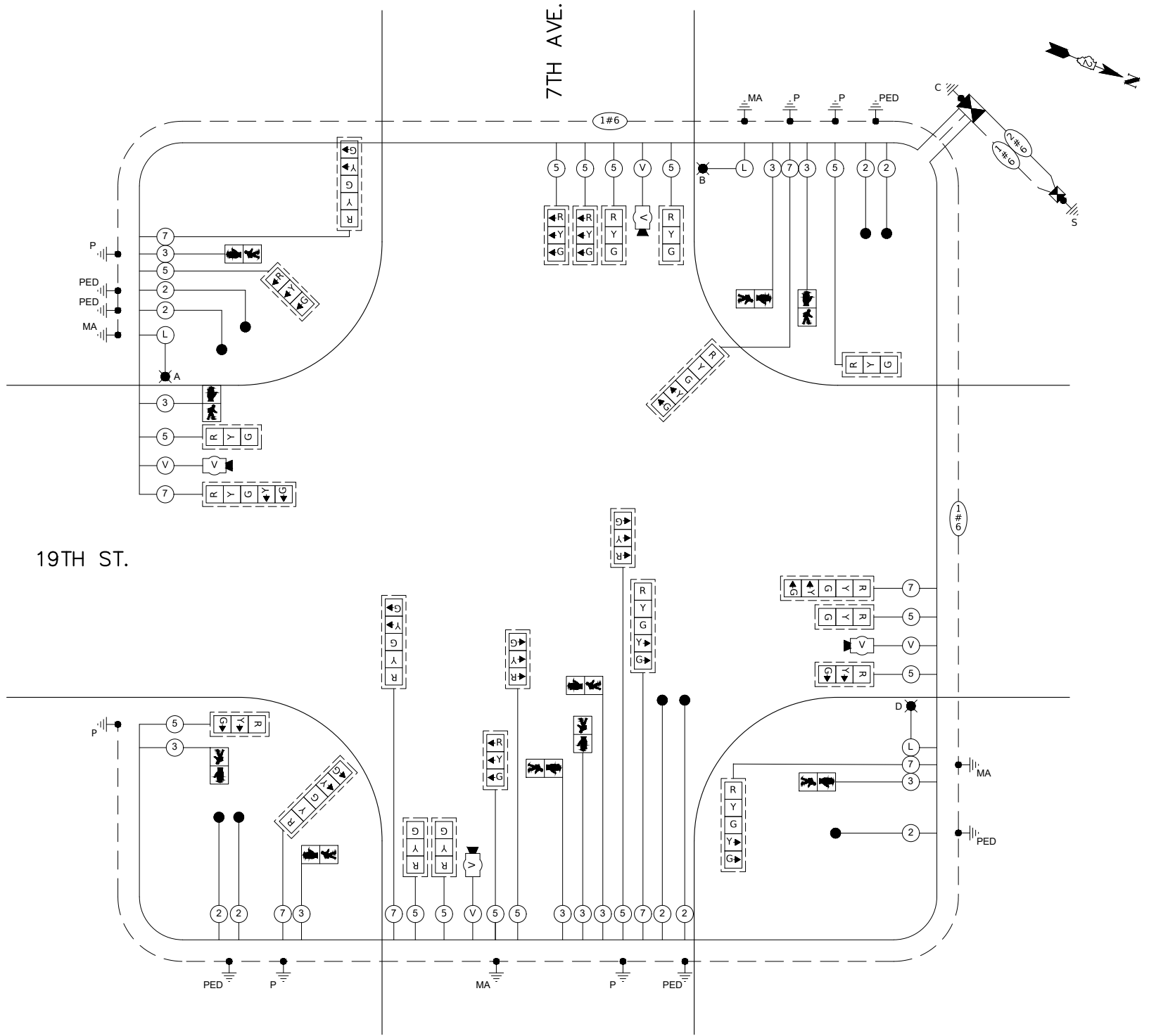
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OF
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TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	EXISTING SIGNAL FACE WITH BACKPLATE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM, (S) SERVICE, (PED) PED POST
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN APS PUSH BUTTON
	PEDESTRIAN HEAD

NOTES

1. THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND AT (815) 284-5468, AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TWO WEEKS PRIOR TO THE SIGNAL TURN-ON.
2. THE CITY OF MOLINE WILL LEAD PROGRAMMING AND PHASING OF ALL NEW TRAFFIC SIGNALS.
3. THE MOUNTING LOCATION OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
4. NEW SERVICE CONNECTION TO EXISTING POLE TO BE COORDINATED WITH MID AMERICAN ENERGY.

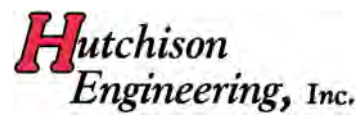


CABLE PLAN

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19TH ST. BIKE PATH
19TH ST. & 7TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL CABLE PLAN (1 OF 4)

DATE	REVISION

SCALED FOR
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SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer **RMB**

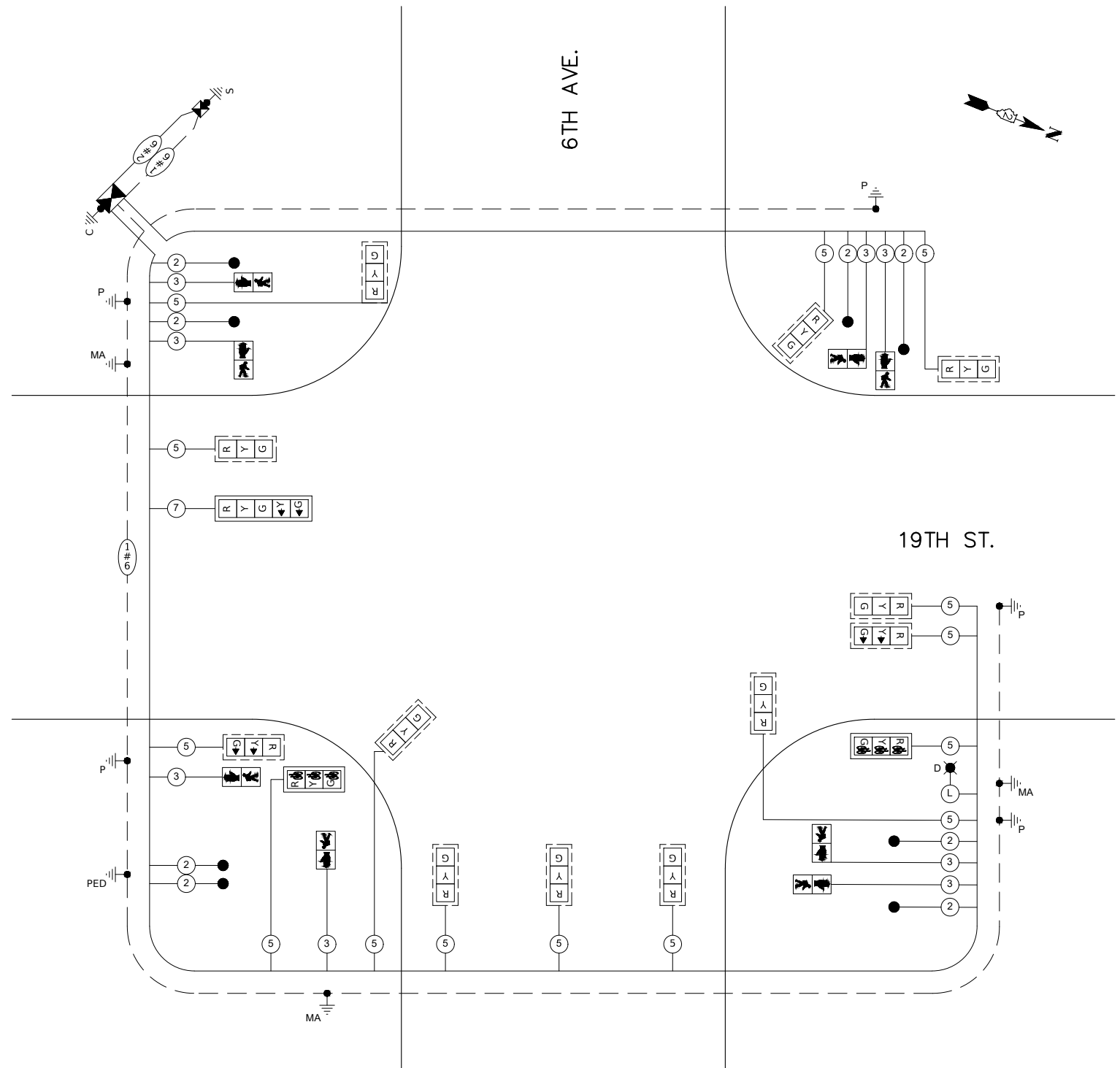
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OF
143

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	EXISTING SIGNAL FACE WITH BACKPLATE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM, (S) SERVICE, (PED) PED POST
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN APS PUSH BUTTON
	PEDESTRIAN HEAD

NOTES

1. THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND AT (815) 284-5468, AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TWO WEEKS PRIOR TO THE SIGNAL TURN-ON.
2. THE CITY OF MOLINE WILL LEAD PROGRAMMING AND PHASING OF ALL NEW TRAFFIC SIGNALS.
3. THE MOUNTING LOCATION OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
4. NEW SERVICE CONNECTION TO EXISTING POLE TO BE COORDINATED WITH MID AMERICAN ENERGY.

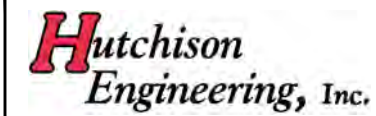


CABLE PLAN

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19TH ST. BIKE PATH
19TH ST. & 6TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL CABLE PLAN (2 OF 4)

DATE	REVISION

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11"X17" PAPER
0' 0' 0'
SCALE: 0" = 0'

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Project #4789
Designer **RMB**

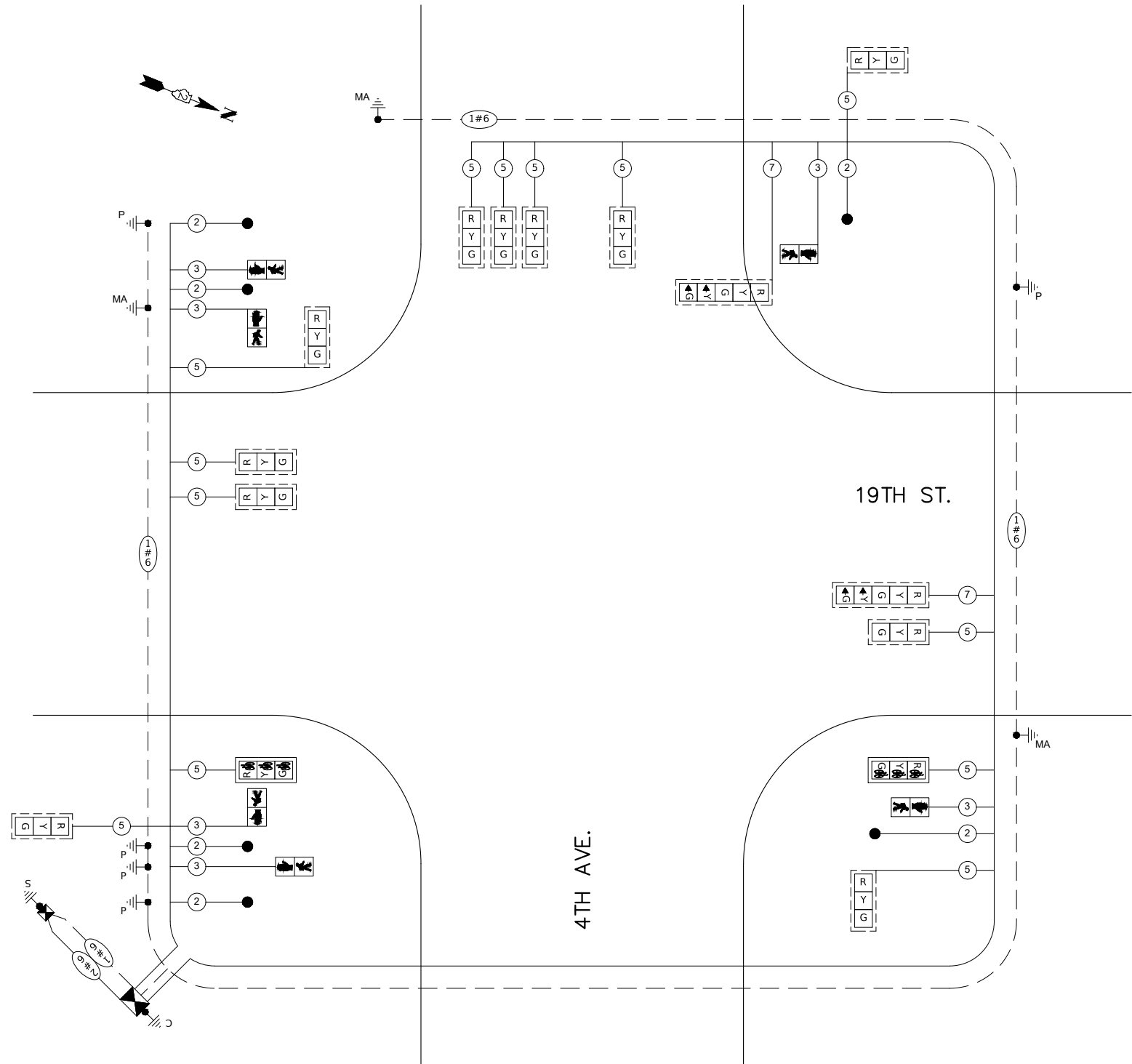
SHEET
102
OF
143

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	EXISTING SIGNAL FACE WITH BACKPLATE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM, (S) SERVICE, (PED) PED POST
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN APS PUSH BUTTON
	PEDESTRIAN HEAD

NOTES

1. THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND AT (815) 284-5468, AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TWO WEEKS PRIOR TO THE SIGNAL TURN-ON.
2. THE CITY OF MOLINE WILL LEAD PROGRAMMING AND PHASING OF ALL NEW TRAFFIC SIGNALS.
3. THE MOUNTING LOCATION OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
4. NEW SERVICE CONNECTION TO EXISTING POLE TO BE COORDINATED WITH MID AMERICAN ENERGY.

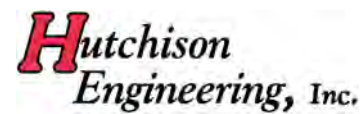


CABLE PLAN

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-ts-2.dwg



CITY OF MOLINE
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19TH ST. BIKE PATH
19TH ST. & 4TH AVE. (NORTH SECTION)
TRAFFIC SIGNAL CABLE PLAN (3 OF 4)

DATE	REVISION

SCALED FOR
11"X17" PAPER

SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer **RMB**

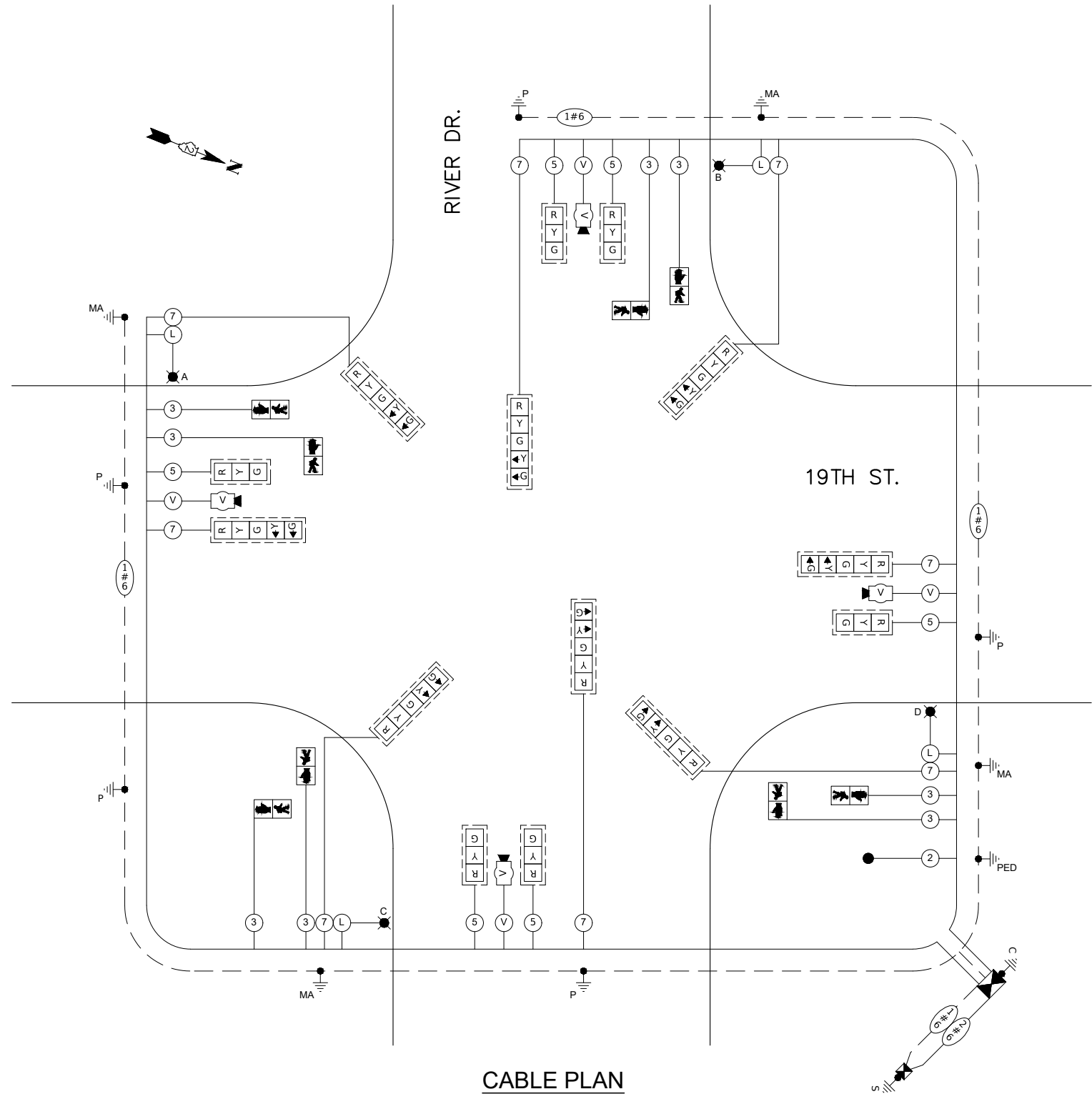
SHEET
103
OF
143

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	EXISTING SIGNAL FACE WITH BACKPLATE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM, (S) SERVICE, (PED) PED POST
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN APS PUSH BUTTON
	PEDESTRIAN HEAD

NOTES

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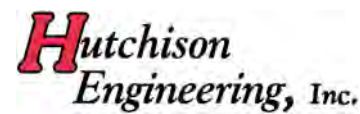


CABLE PLAN

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-ts-2.dwg



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ENGINEERING DIVISION
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19TH ST. BIKE PATH
19TH ST. & RIVER DR. (NORTH SECTION)
TRAFFIC SIGNAL CABLE PLAN (4 OF 4)










DATE	REVISION

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







Date 05-22-23
Project #4789
Designer **RMB**

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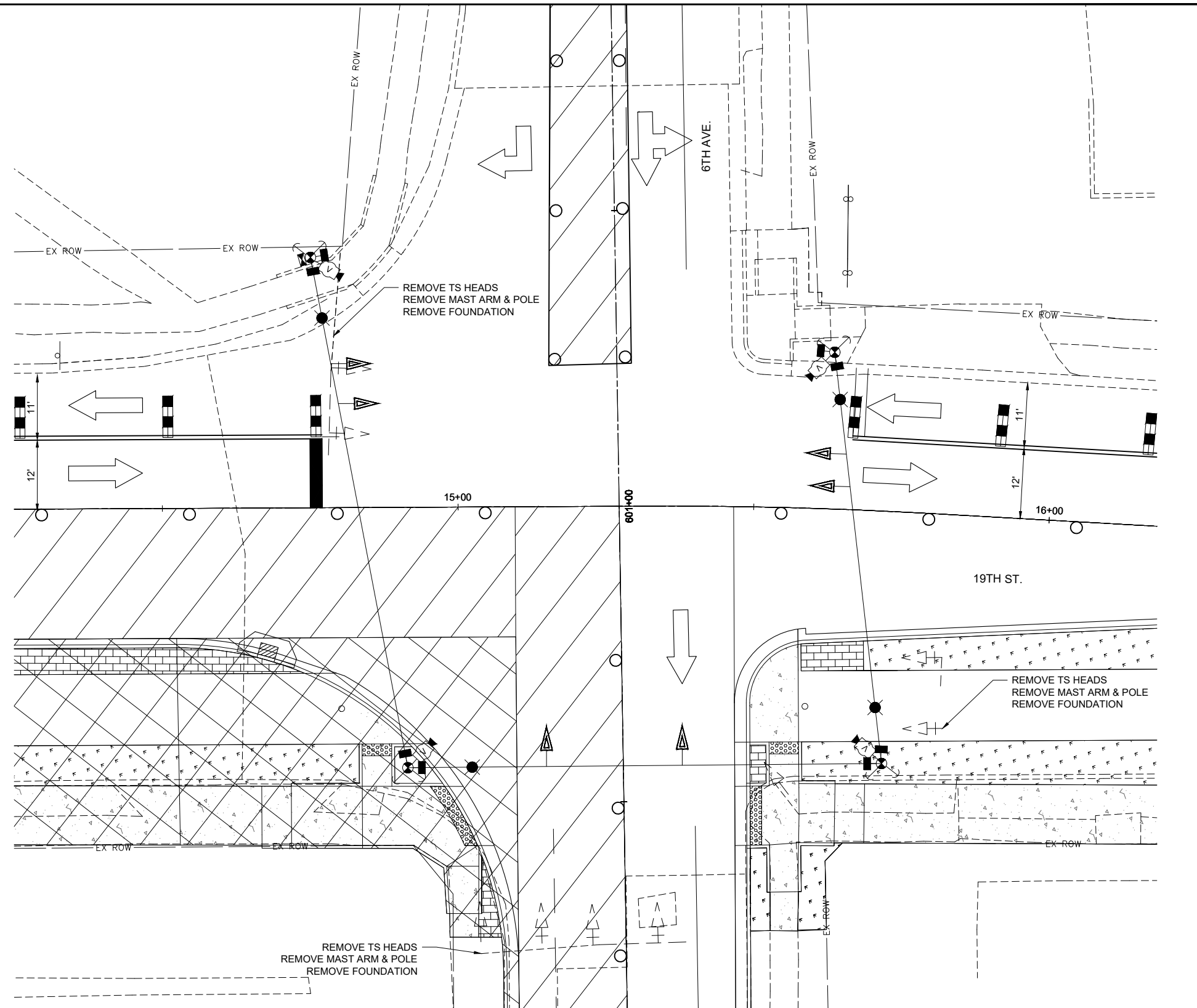
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  TEMPORARY WOOD POLE (CLASS 5) 46 FT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  GUY WIRE
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT
-  TEMPORARY PEDESTRIAN SIGNAL HEAD

EXISTING TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  EXISTING HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON
-  EXISTING TRAFFIC SIGNAL POST WITH SIGNAL HEAD AND PUSH BUTTON

NOTE: TEMPORARY SIGNALS SHALL BE PAID FOR AS "TEMPORARY TRAFFIC SIGNAL INSTALLATION".



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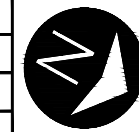


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B-1 TEMP TRAF SIGNAL PLAN (1 of 7)

DATE	REVISION












NORTH

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









Date **05-22-23**
Project **#4789**
Designer **RMB**

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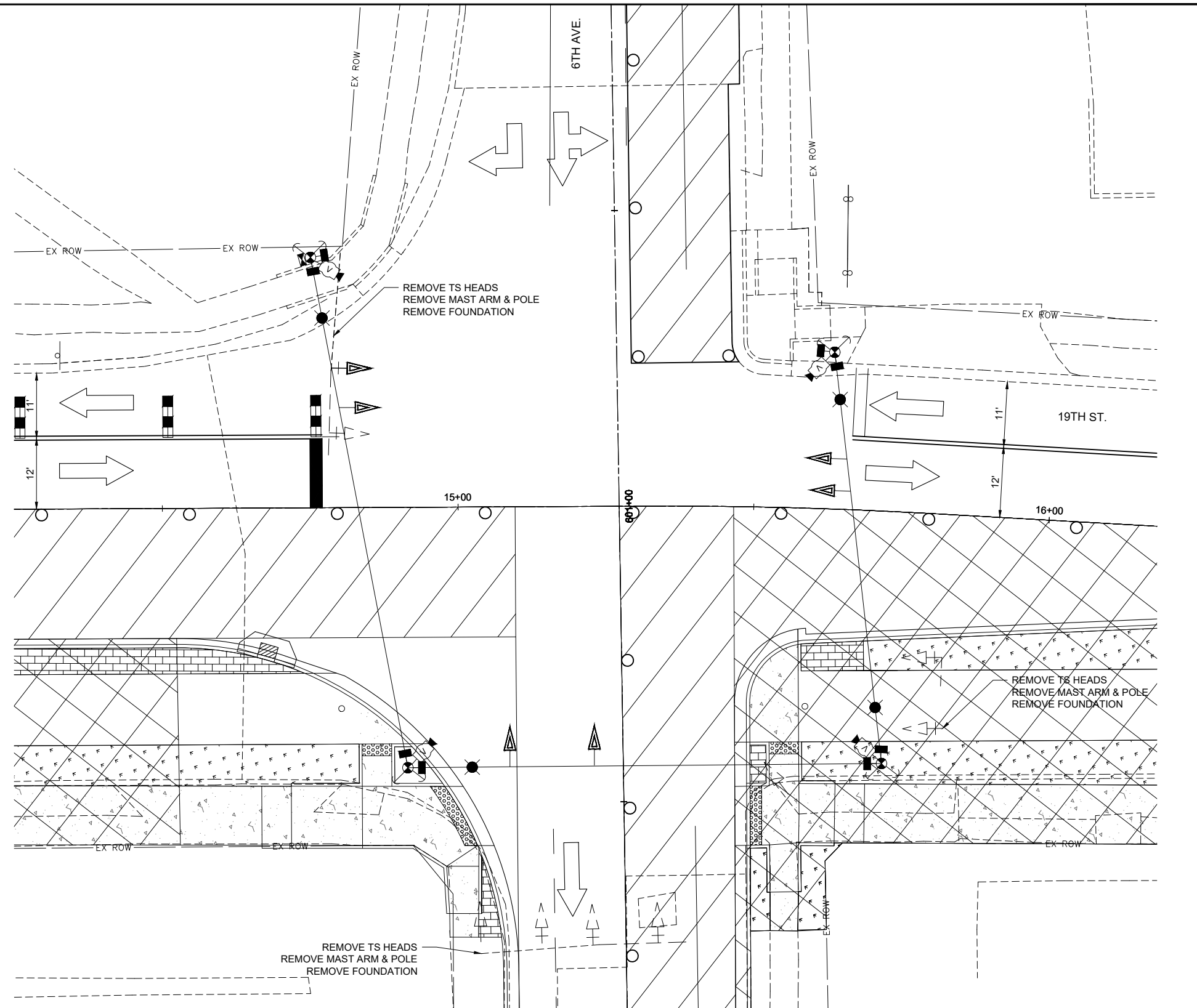
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  TEMPORARY WOOD POLE (CLASS 5) 46 FT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  GUY WIRE
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT
-  TEMPORARY PEDESTRIAN SIGNAL HEAD

EXISTING TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  EXISTING HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON
-  EXISTING TRAFFIC SIGNAL POST WITH SIGNAL HEAD AND PUSH BUTTON

NOTE: TEMPORARY SIGNALS SHALL BE PAID FOR AS "TEMPORARY TRAFFIC SIGNAL INSTALLATION".



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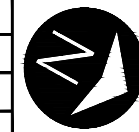


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B-2 TEMP TRAF SIGNAL PLAN (2 of 7)

DATE	REVISION












NORTH

SCALED FOR
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SCALE: 1" = 40'









Date **05-22-23**
Project **#4789**
Designer **RMB**

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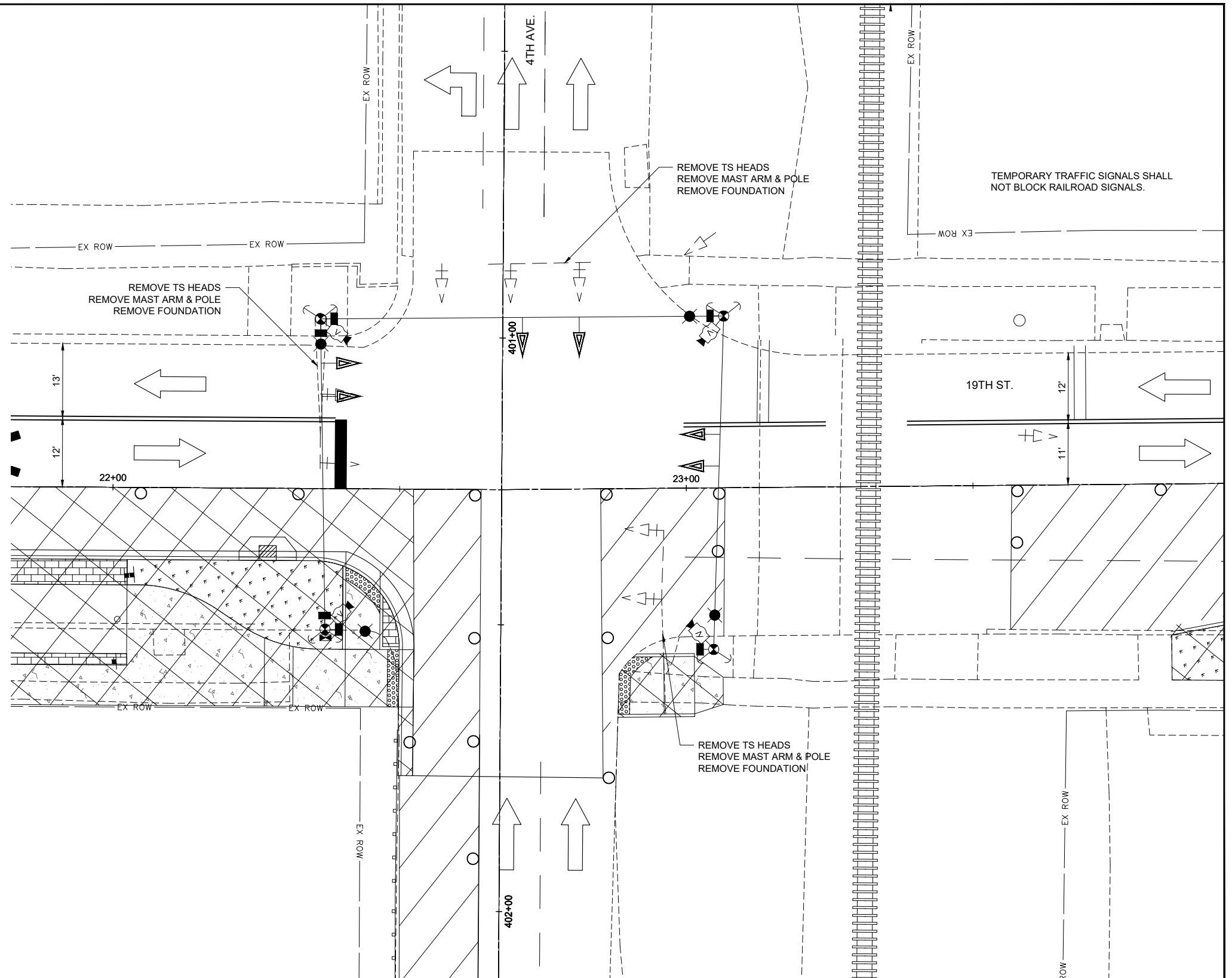
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  TEMPORARY WOOD POLE (CLASS 5) 46 FT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  GUY WIRE
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT
-  TEMPORARY PEDESTRIAN SIGNAL HEAD

EXISTING TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  EXISTING HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON
-  EXISTING TRAFFIC SIGNAL POST WITH SIGNAL HEAD AND PUSH BUTTON

NOTE: TEMPORARY SIGNALS SHALL BE PAID FOR AS "TEMPORARY TRAFFIC SIGNAL INSTALLATION".



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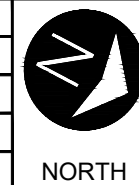


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B TEMP TRAF SIGNAL PLAN (3 of 7)

DATE	REVISION












SCALED FOR
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SCALE: 1" = 40'









Date **05-22-23**
Project **#4789**
Designer **RMB**

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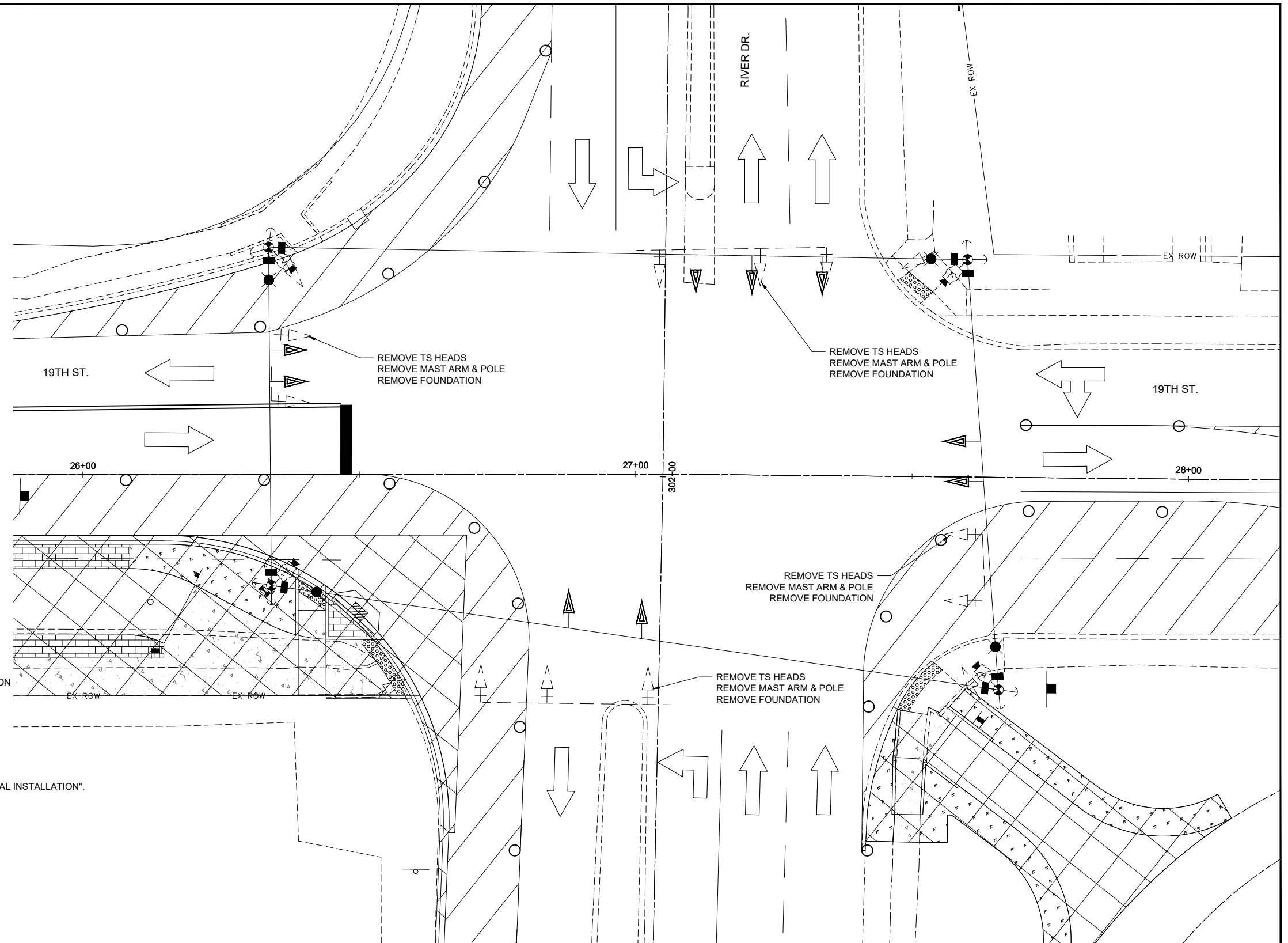
TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  TEMPORARY WOOD POLE (CLASS 5) 46 FT MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  GUY WIRE
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT
-  TEMPORARY PEDESTRIAN SIGNAL HEAD

EXISTING TRAFFIC SIGNAL LEGEND

-  EXISTING MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD
-  EXISTING SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  EXISTING HANDHOLE
-  EXISTING UNDERGROUND CONDUIT
-  EXISTING PEDESTAL POST WITH PUSH BUTTON
-  EXISTING TRAFFIC SIGNAL POST WITH SIGNAL HEAD AND PUSH BUTTON

NOTE: TEMPORARY SIGNALS SHALL BE PAID FOR AS "TEMPORARY TRAFFIC SIGNAL INSTALLATION".



V:\4789 - 19th St Bike Trail (Moline)\CADD\ Sheets\4789-sht-ts-3.dwg

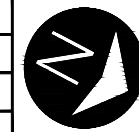


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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STAGE 3B TEMP TRAF SIGNAL PLAN (4 of 7)

DATE	REVISION



NORTH

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SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

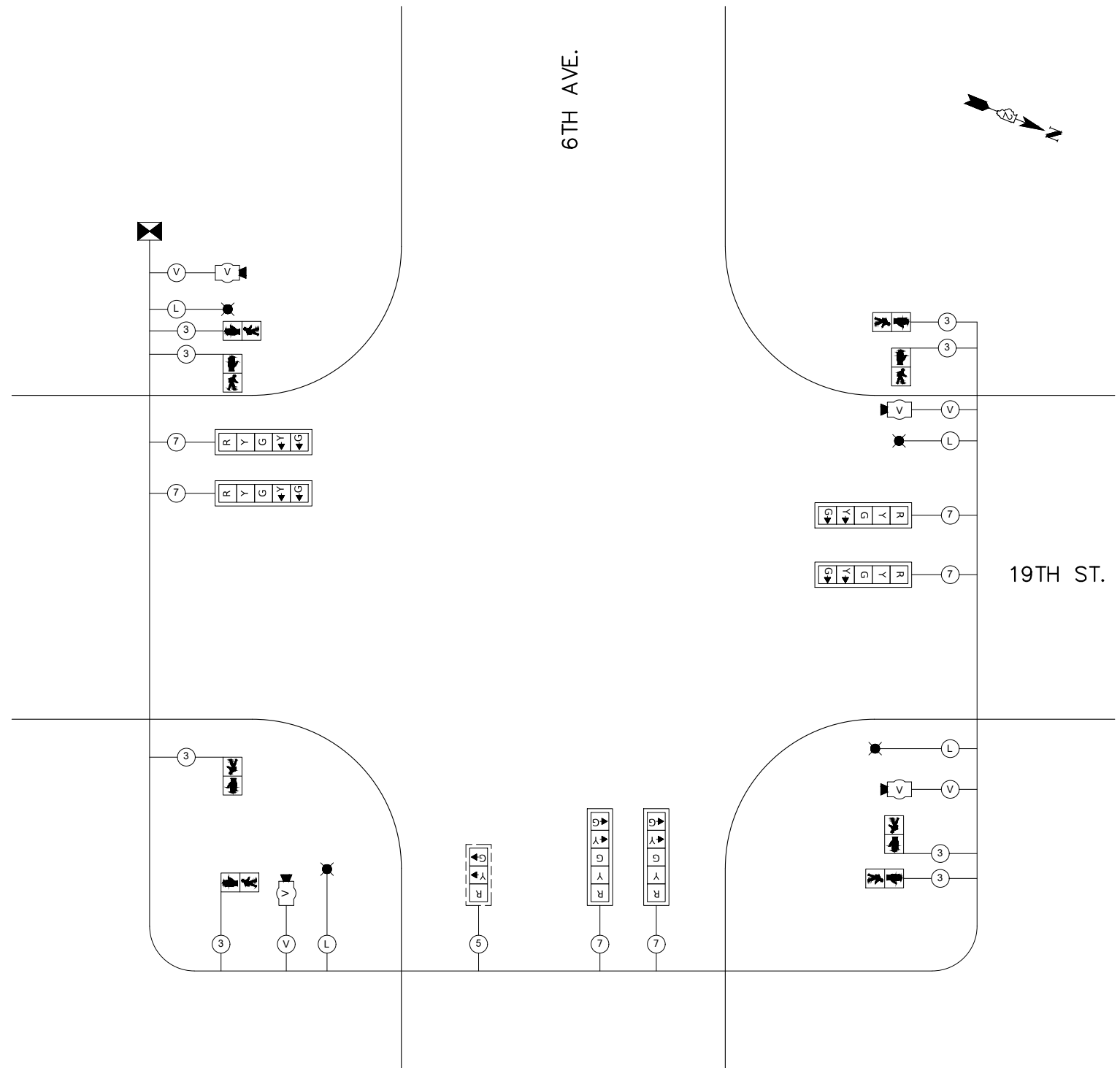
SHEET
108
OF
143

TEMPORARY TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN SIGNAL HEAD

NOTES

1. THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND AT (815) 284-5468, AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TWO WEEKS PRIOR TO THE SIGNAL TURN-ON.
2. THE CITY OF MOLINE WILL LEAD PROGRAMMING AND PHASING OF ALL TEMPORARY TRAFFIC SIGNALS.
3. THE MOUNTING LOCATION OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
4. NEW SERVICE CONNECTION TO EXISTING POLE TO BE COORDINATED WITH MID AMERICAN ENERGY.

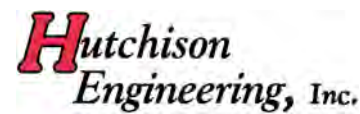


CABLE PLAN

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-ts-4.dwg



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19TH ST. BIKE PATH
19TH ST. & 6TH AVE. (NORTH SECTION)
TEMP TRAFFIC SIGNAL CABLE PLAN (5 OF 7)











DATE	REVISION

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Date 05-22-23
Project #4789
Designer **RMB**

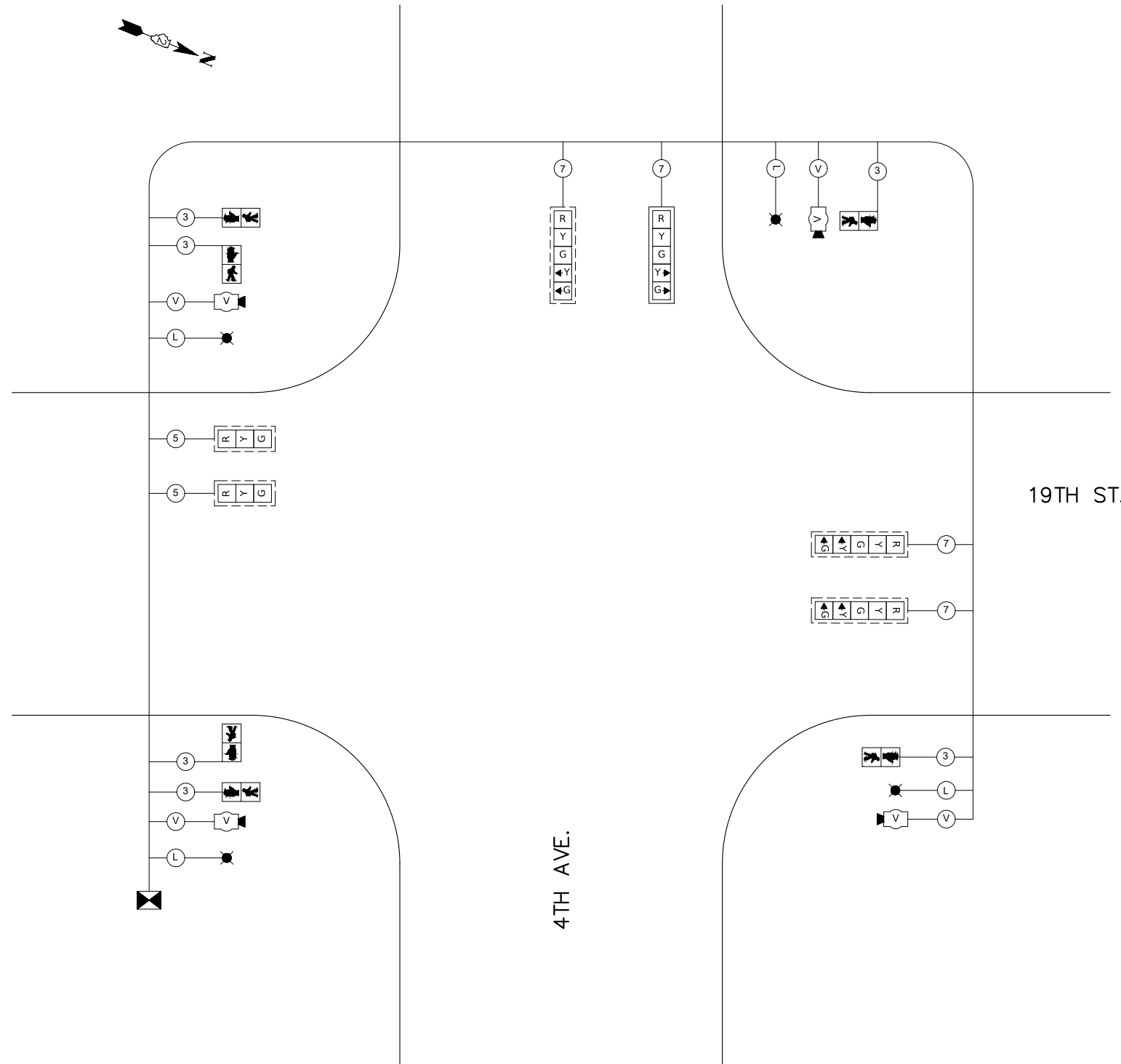
SHEET
109
OF
143

TEMPORARY TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN SIGNAL HEAD

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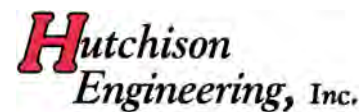


CABLE PLAN

V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-ts-4.dwg



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3635 4TH AVENUE, MOLINE, IL 61265



19TH ST. BIKE PATH
19TH ST. & 4TH AVE. (NORTH SECTION)
TEMP TRAFFIC SIGNAL CABLE PLAN (6 OF 7)

DATE	REVISION

SCALED FOR
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SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer **RMB**

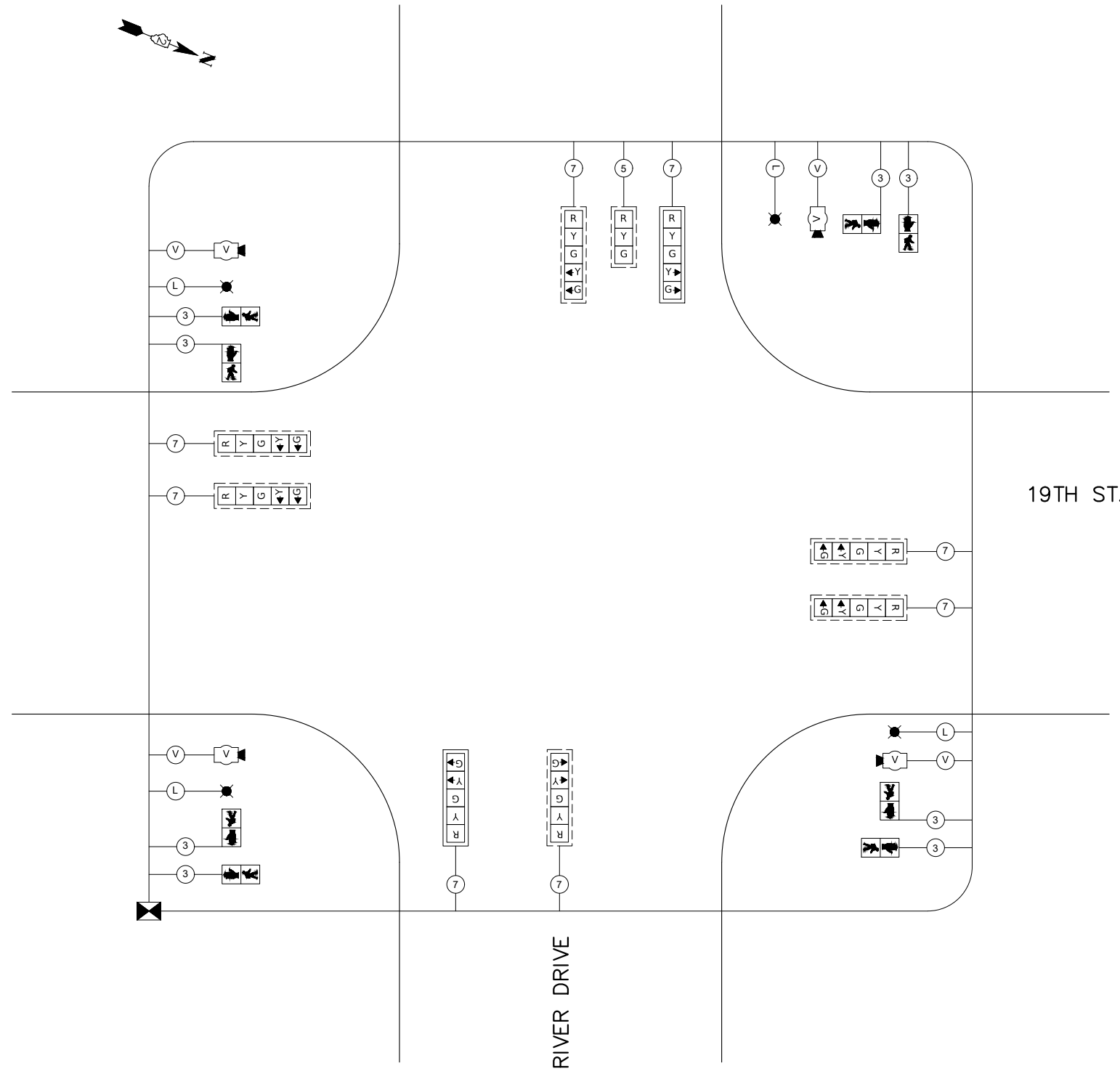
SHEET
110
OF
143

TEMPORARY TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	PROPOSED SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE
	PEDESTRIAN SIGNAL HEAD

NOTES

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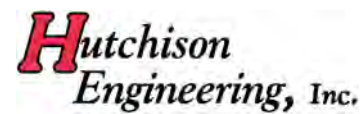


CABLE PLAN

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CITY OF MOLINE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
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3635 4TH AVENUE, MOLINE, IL 61265



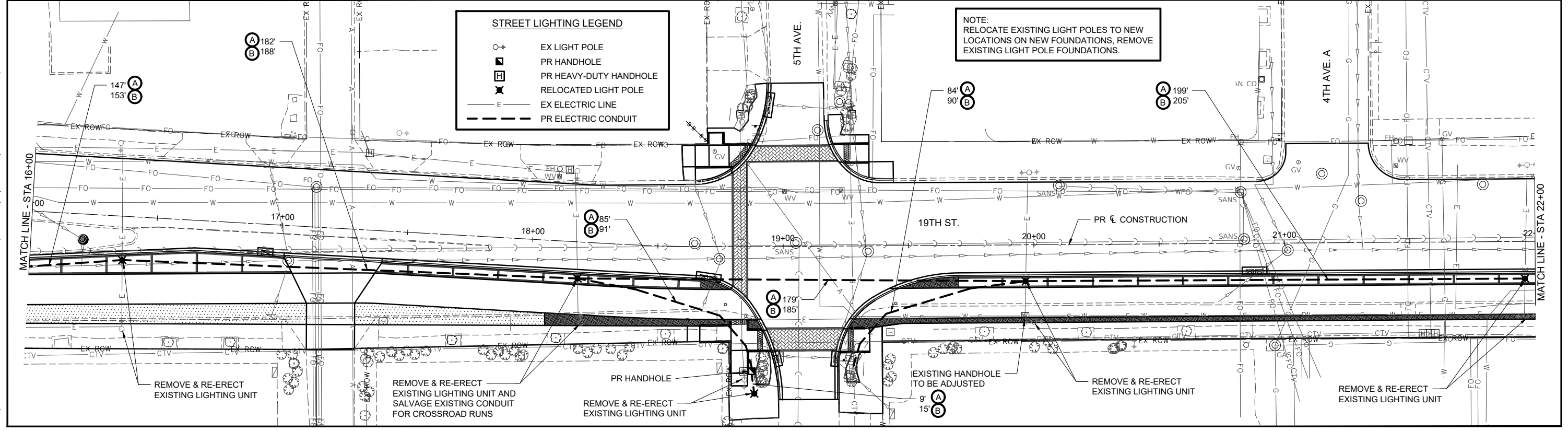
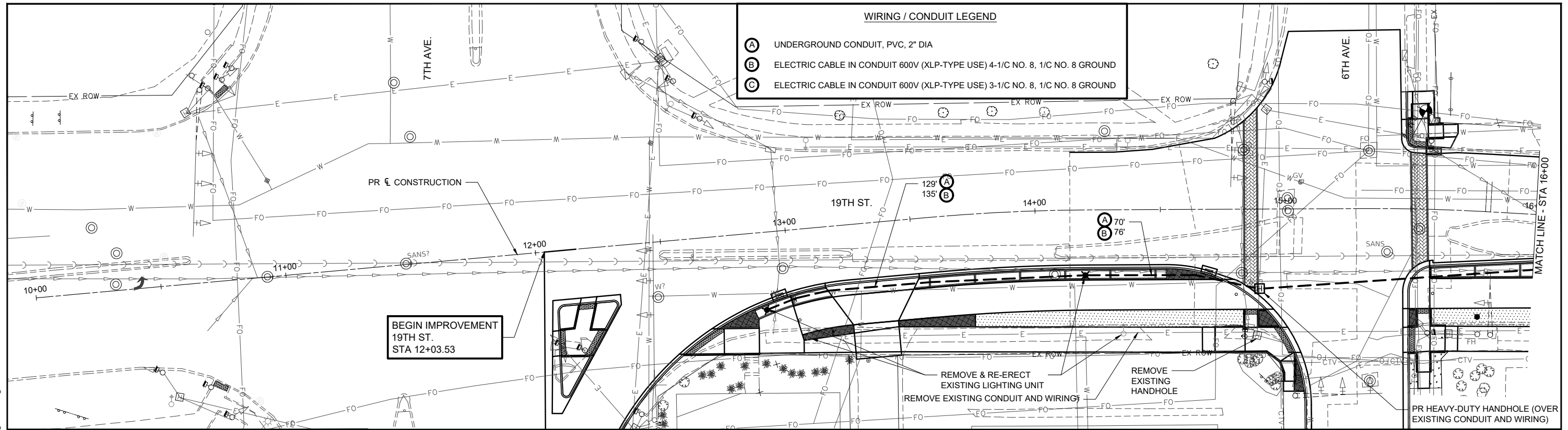
19TH ST. BIKE PATH
19TH ST. & 4TH AVE. (NORTH SECTION)
TEMP TRAFFIC SIGNAL CABLE PLAN (7 OF 7)

DATE	REVISION

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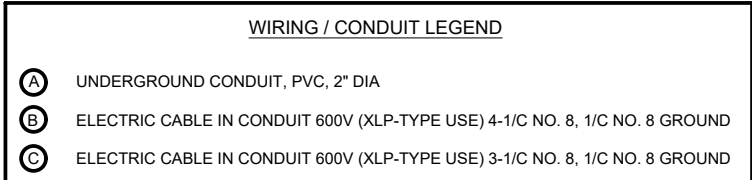
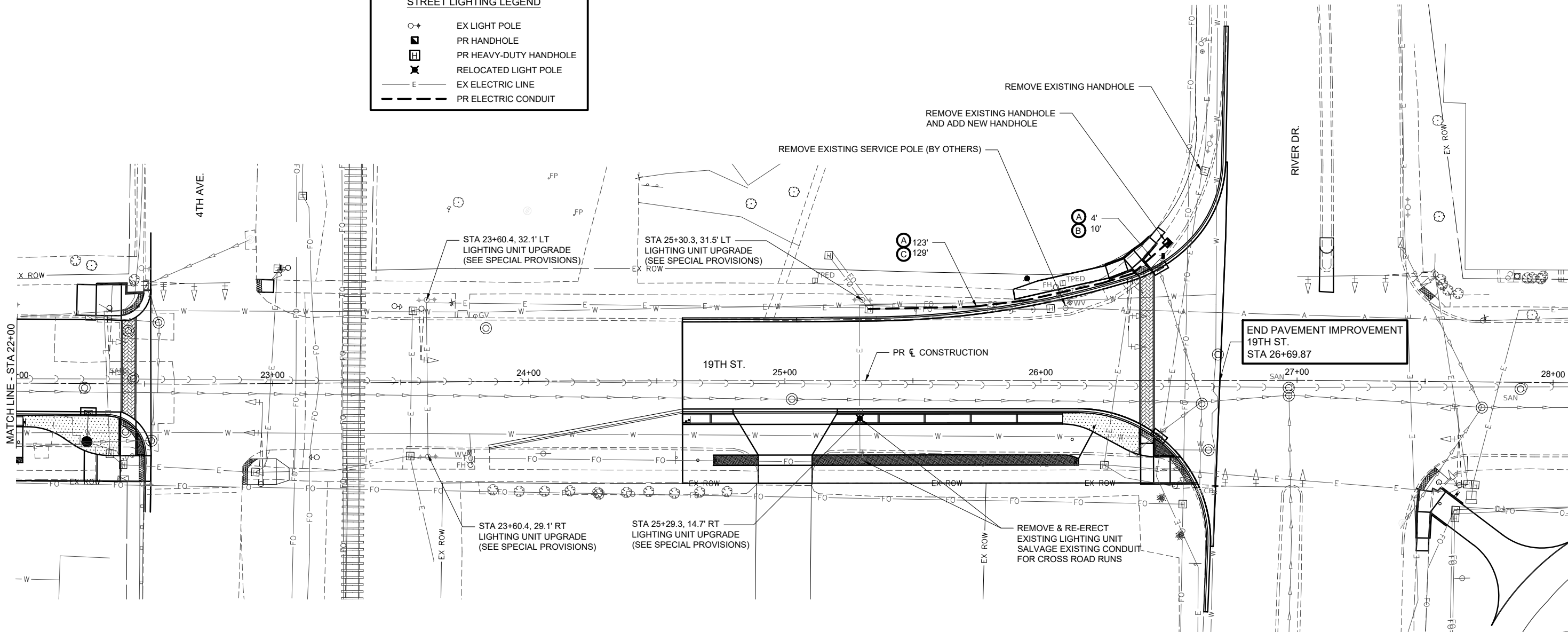
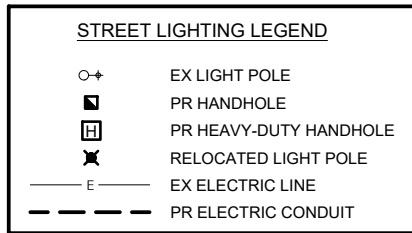
Date 05-22-23
Project #4789
Designer **RMB**

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V:\4789 - 19th St Bike Trail (Moline)\CADD Sheets\4789-sht-light.dwg

 <p>CITY OF MOLINE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION (309) 524-2350 3635 4TH AVENUE, MOLINE, IL 61265</p>		<p>19TH ST. BIKE PATH 19TH ST. (NORTH SECTION) STREET LIGHTING PLAN (1 of 2)</p>				 <p>NORTH</p>	<p>SCALED FOR 11"X17" PAPER</p>  <p>SCALE: 1" = 40'</p>	Date 05-22-23	SHEET 112
				Project #4789	OF			Designer RMB	SHEET 143



NOTE:
RELOCATE EXISTING LIGHT POLES TO NEW LOCATIONS ON NEW FOUNDATIONS. REMOVE EXISTING LIGHT POLE FOUNDATIONS.

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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STREET LIGHTING PLAN (2 of 2)

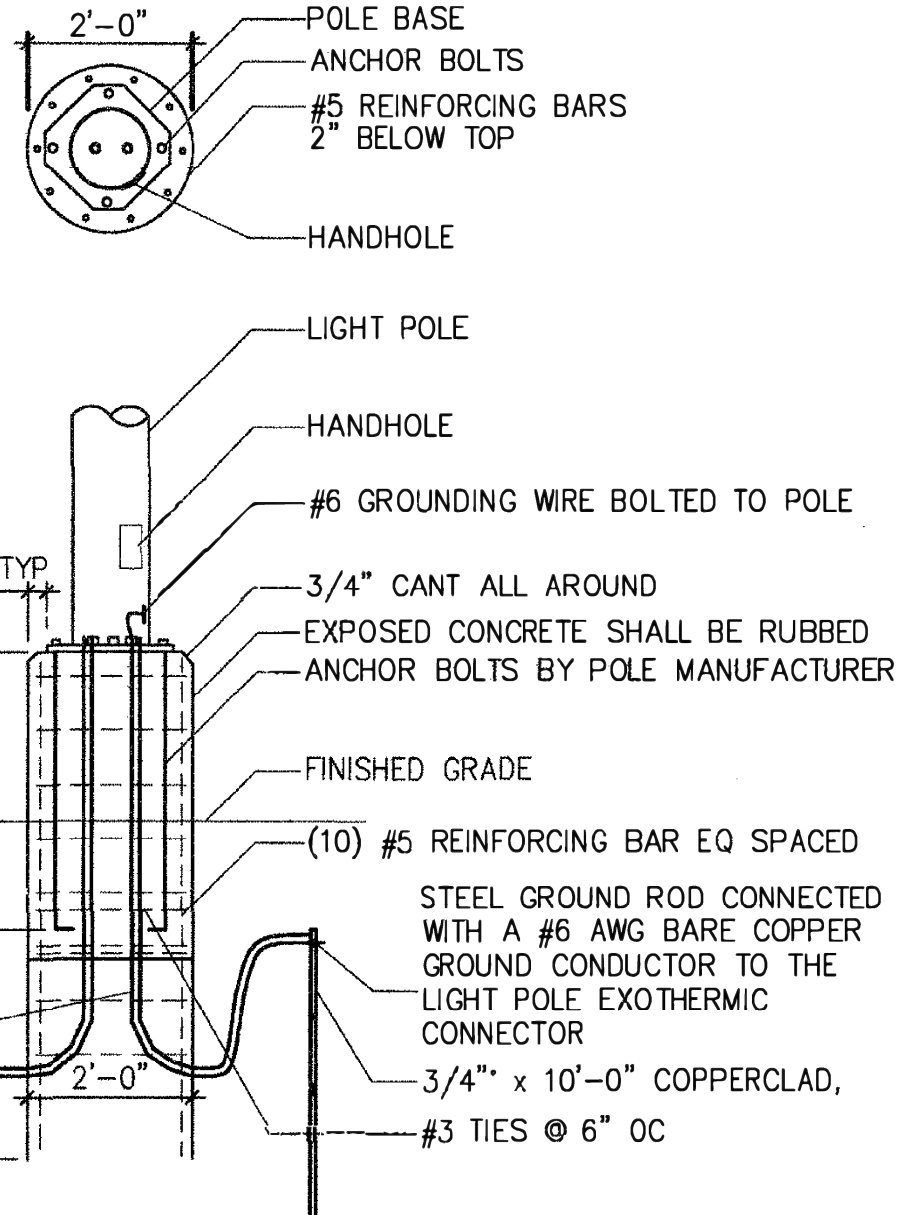
DATE	REVISION



SCALED FOR
11"X17" PAPER
0' 20' 40'
SCALE: 1" = 40'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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0'-2" PROTECTED BY CURB

CONDUIT SIZE AS NOTED ON PLANS

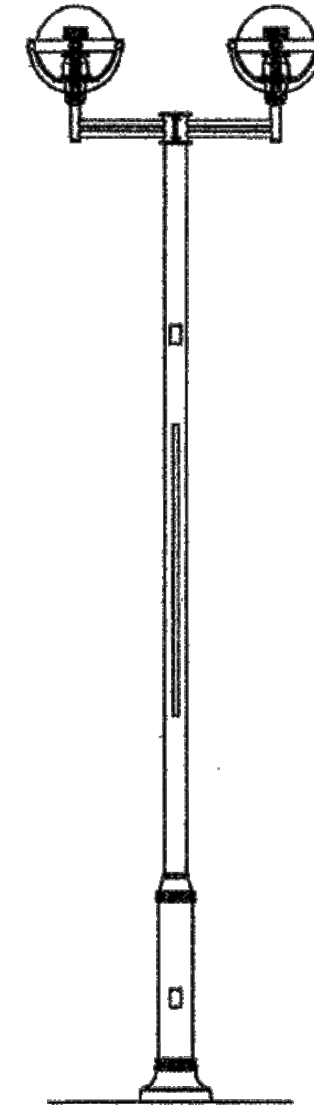
TABLE "L"

POLE HEIGHT	DEPTH "L"
14'	6'-0"

NOTES:

1. USE 3000 PSI 28 DAY STRENGTH CONCRETE FOR POLE BASE.
2. PLACE CONCRETE THE SAME DAY BASE IS DRILLED.
3. VERIFY ANCHOR BOLT LOCATIONS WITH MANUFACTURER'S TEMPLATE PRIOR TO BASE CONSTRUCTION.

14' POLE BASE DETAIL



NOTE: EXISTING LIGHT FIXTURES TO BE REMOVED AND RE-ERECTED.

LIGHT FIXTURE TYPE C (14' POLE)

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19TH ST. BIKE PATH
19TH ST. (NORTH SECTION)
STREET LIGHTING DETAILS

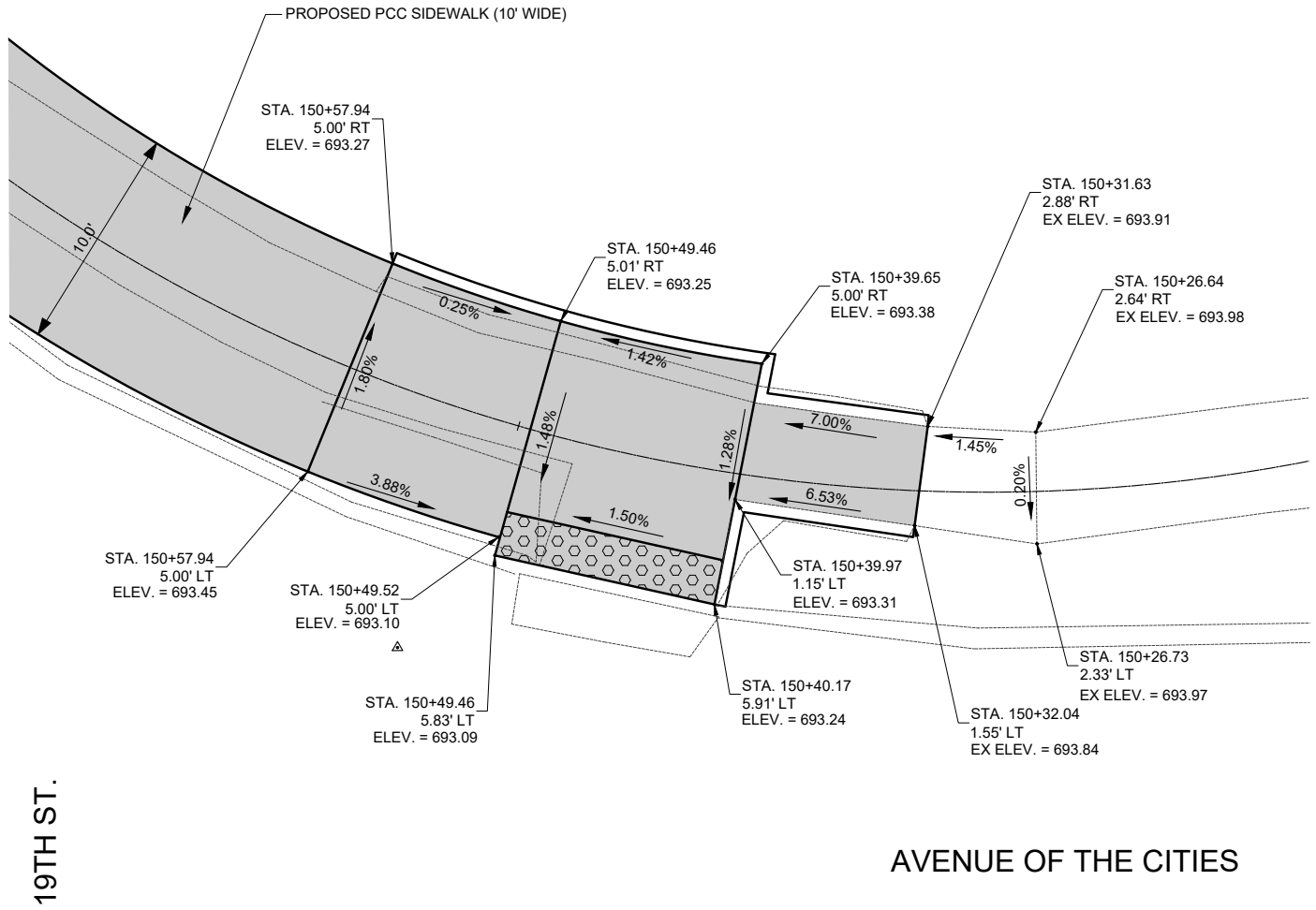
DATE	REVISION

SCALED FOR
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0' 0' 0'
SCALE: 0" = 0'

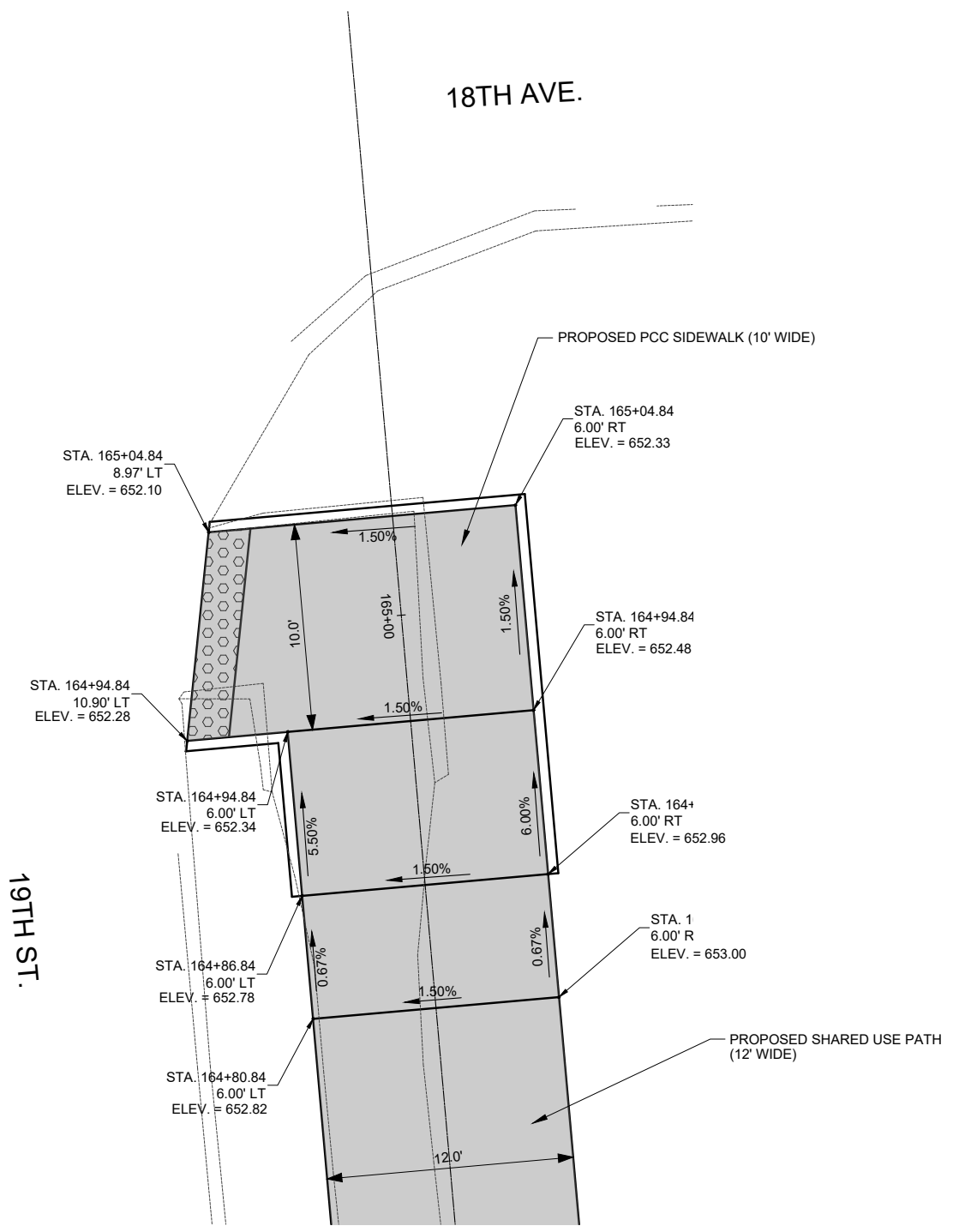
Date **05-22-23**
Project **#4789**
Designer **RMB**

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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-details-ADA-1-18th Ave & Ave of Cities & 19th St.dwg



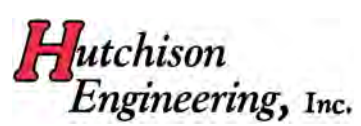
NORTHEAST CORNER OF 19TH ST. & AVENUE OF THE CITIES



SOUTHEAST CORNER OF 19TH ST. & 18TH AVE.



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19TH ST. BIKE PATH
19TH ST. & AVE. OF THE CITIES & 18TH AVE.
ADA RAMP DETAILS (1 of 10)

DATE	REVISION

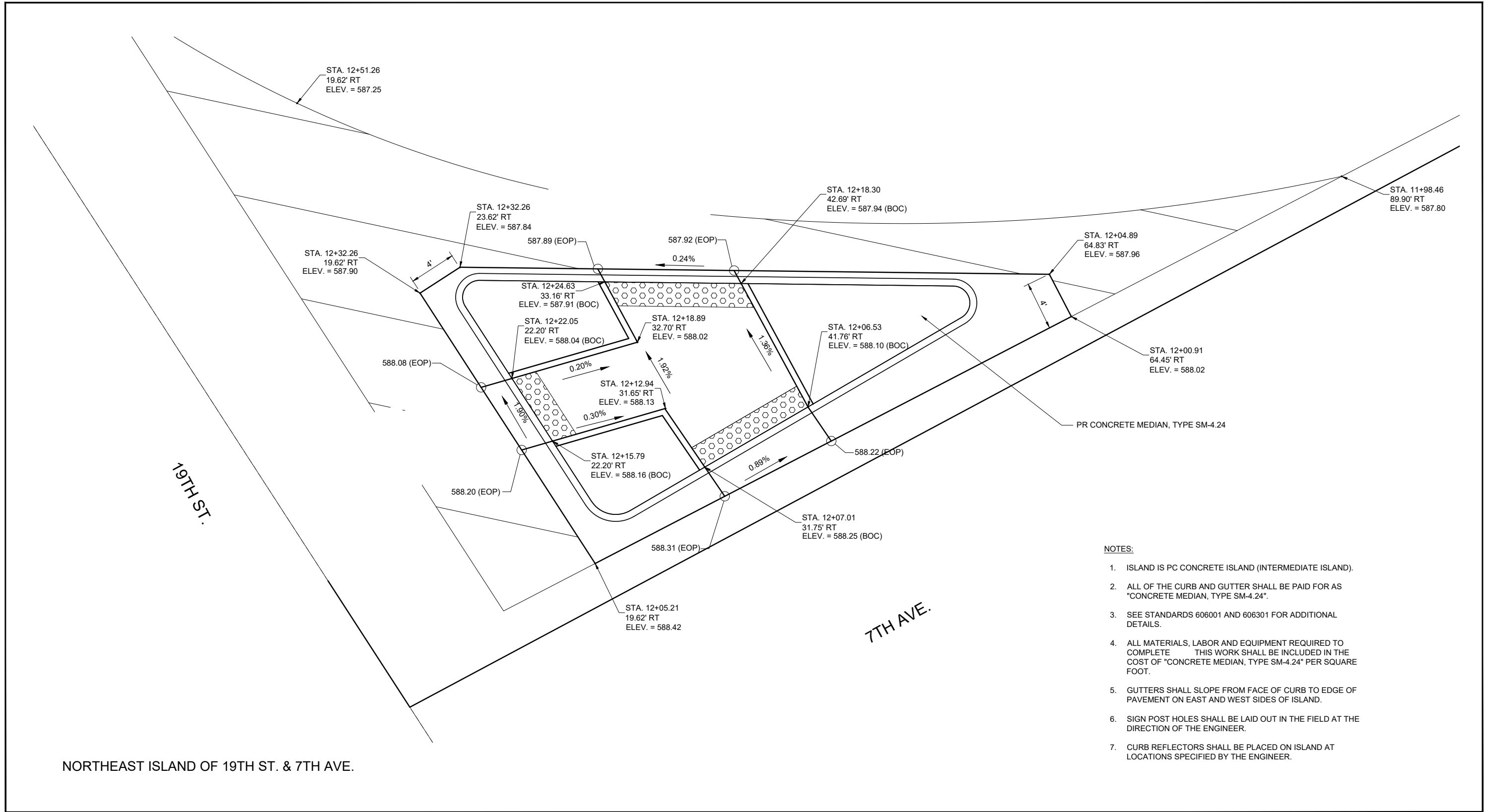


SCALED FOR
11"X17" PAPER
0' 4' 8'
SCALE: 1" = 4'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-details-ADA-2-7th Ave & 19th St-S.dwg



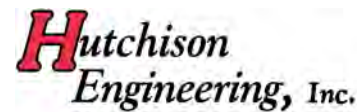
NOTES:

1. ISLAND IS PC CONCRETE ISLAND (INTERMEDIATE ISLAND).
2. ALL OF THE CURB AND GUTTER SHALL BE PAID FOR AS "CONCRETE MEDIAN, TYPE SM-4.24".
3. SEE STANDARDS 606001 AND 606301 FOR ADDITIONAL DETAILS.
4. ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE COST OF "CONCRETE MEDIAN, TYPE SM-4.24" PER SQUARE FOOT.
5. GUTTERS SHALL SLOPE FROM FACE OF CURB TO EDGE OF PAVEMENT ON EAST AND WEST SIDES OF ISLAND.
6. SIGN POST HOLES SHALL BE LAID OUT IN THE FIELD AT THE DIRECTION OF THE ENGINEER.
7. CURB REFLECTORS SHALL BE PLACED ON ISLAND AT LOCATIONS SPECIFIED BY THE ENGINEER.

NORTHEAST ISLAND OF 19TH ST. & 7TH AVE.



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19TH ST. BIKE PATH
19TH ST. & 7TH AVE. (NORTHEAST ISLAND)
ADA RAMP DETAILS (2 of 10)

DATE	REVISION

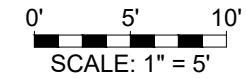
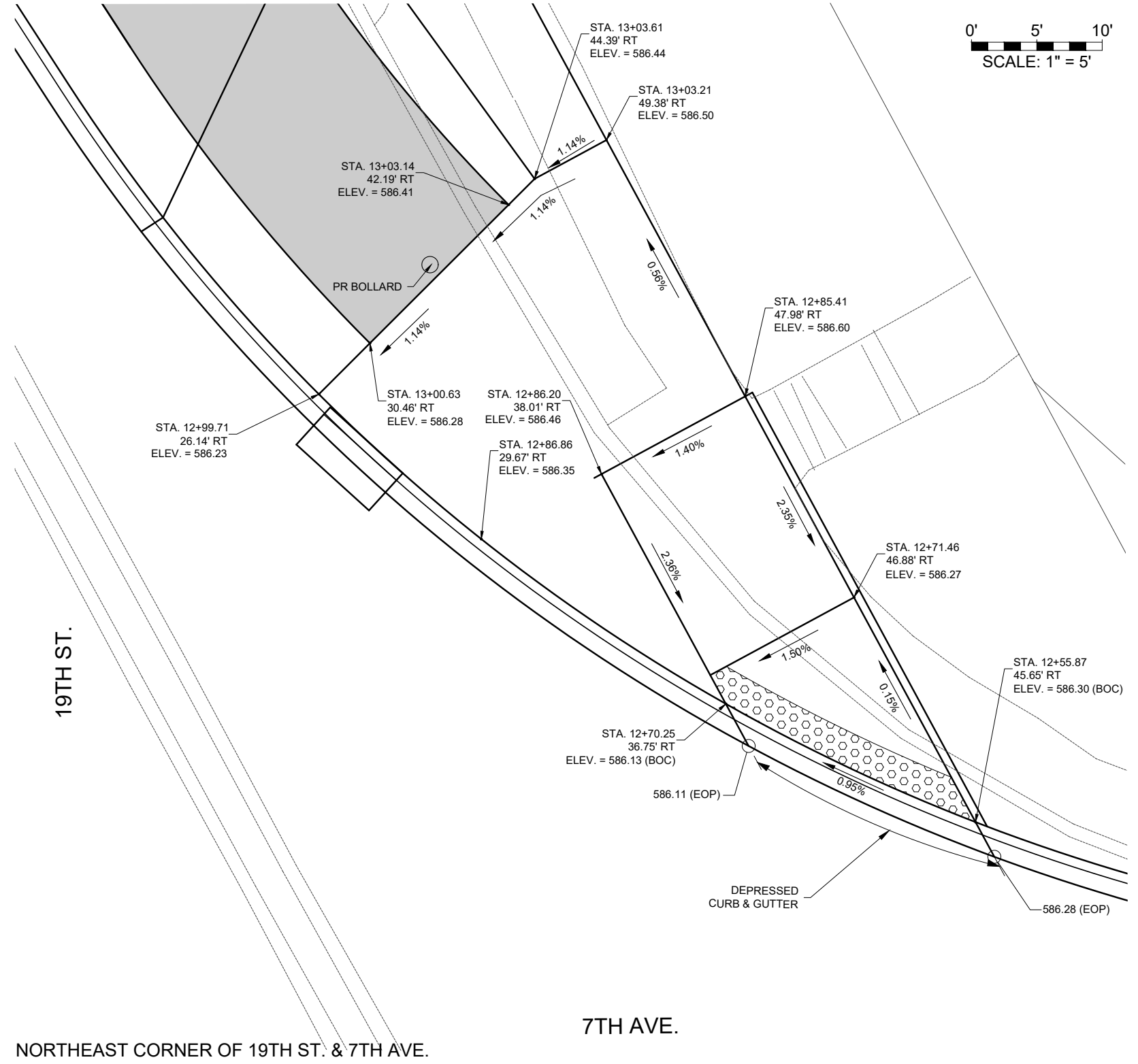


SCALED FOR
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0' 4' 8'
SCALE: 1" = 4'

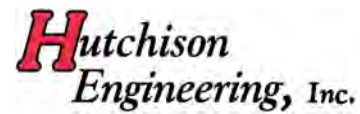
Date **05-22-23**
Project **#4789**
Designer **RMB**

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19TH ST. BIKE PATH
19TH ST. & 7TH AVE.
ADA RAMP DETAILS (3 of 10)

DATE	REVISION

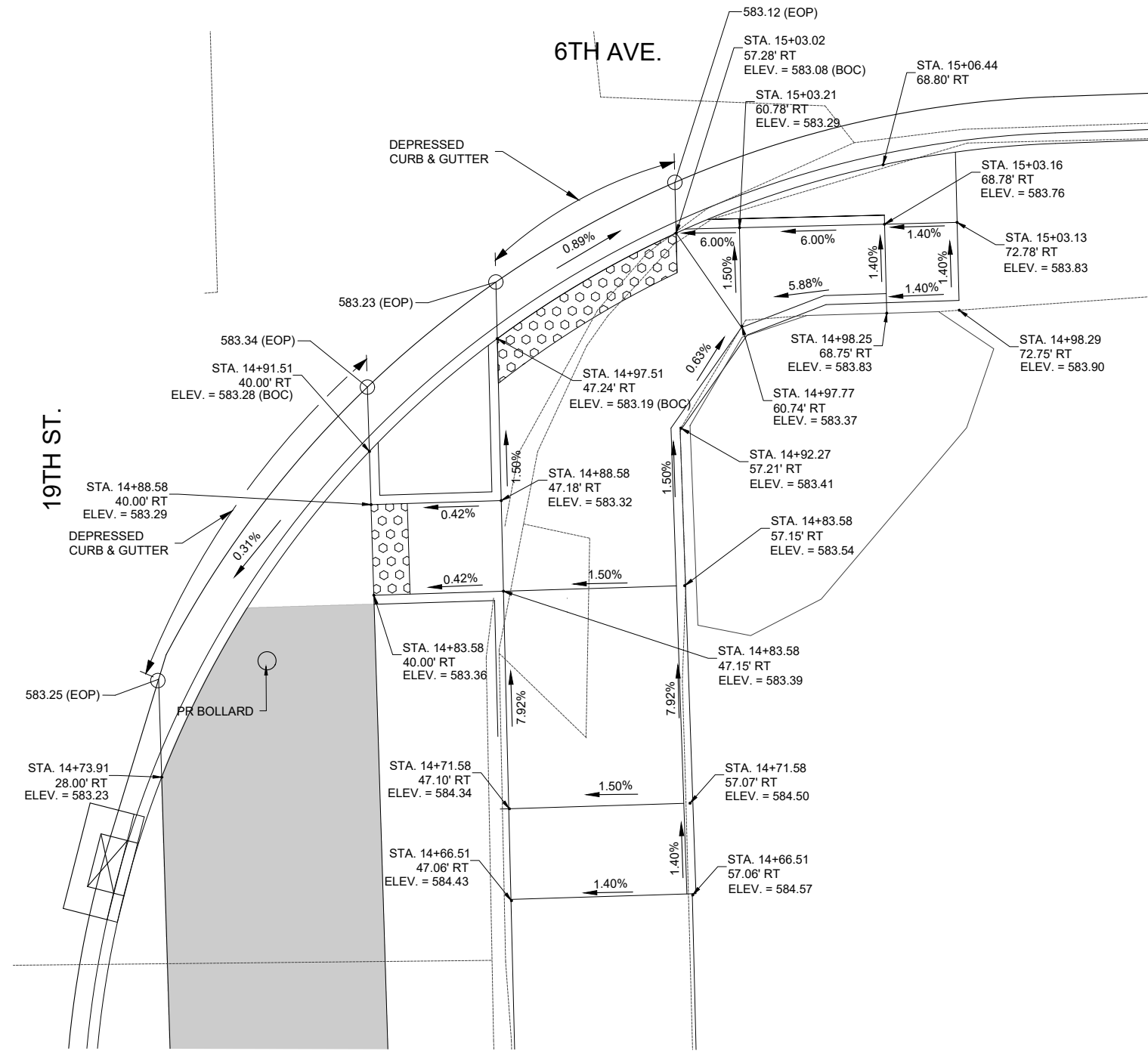


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11"X17" PAPER

Date **05-22-23**
Project **#4789**
Designer **RMB**

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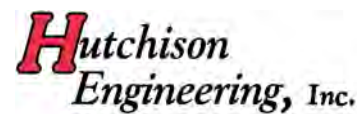
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SOUTHEAST CORNER OF 6TH AVE. AND 19TH ST.

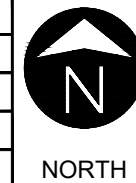


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19TH ST. BIKE PATH
19TH ST. & 6TH AVE.
ADA RAMP DETAILS (4 of 10)

DATE	REVISION

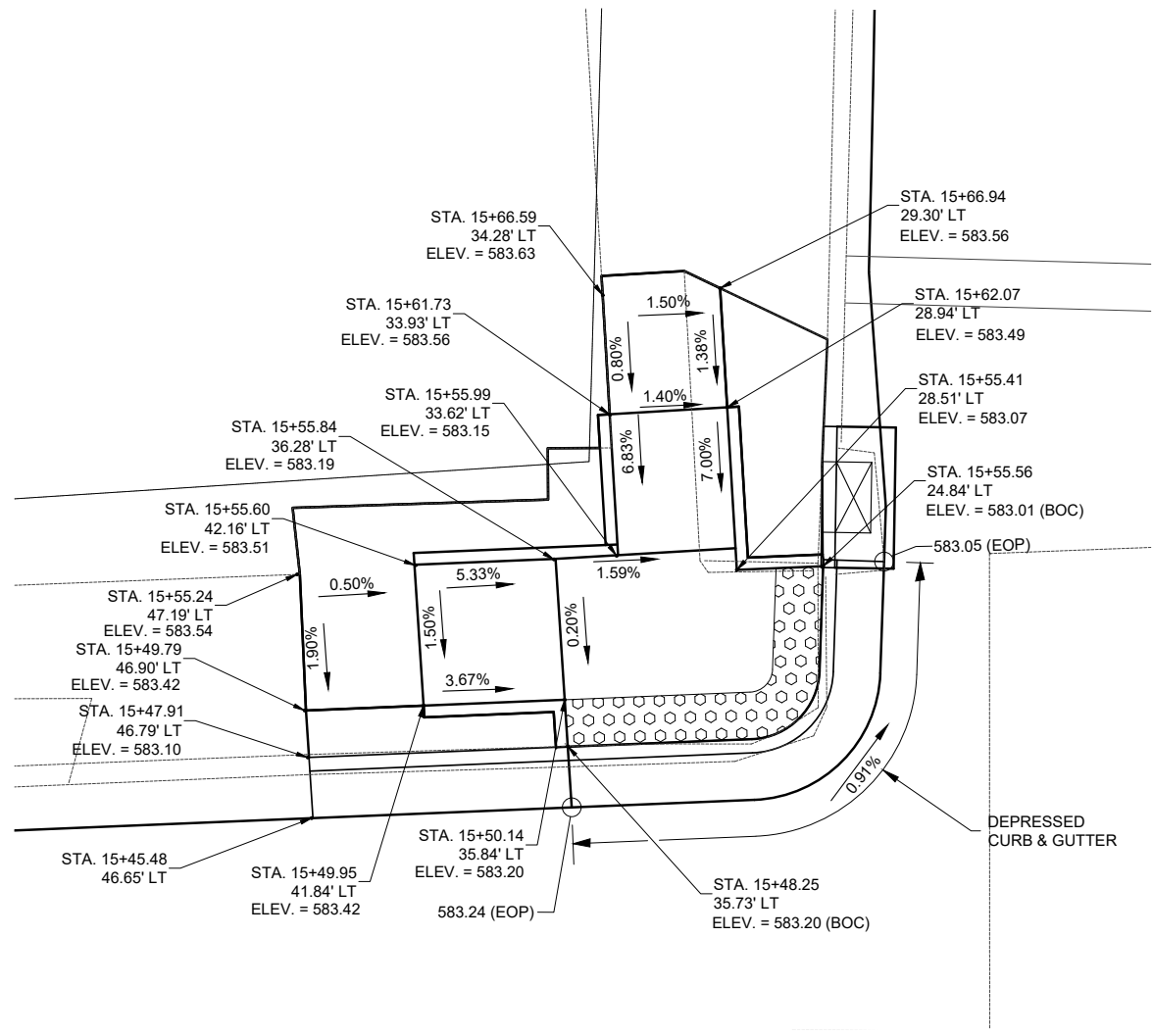


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SCALE: 1" = 4'

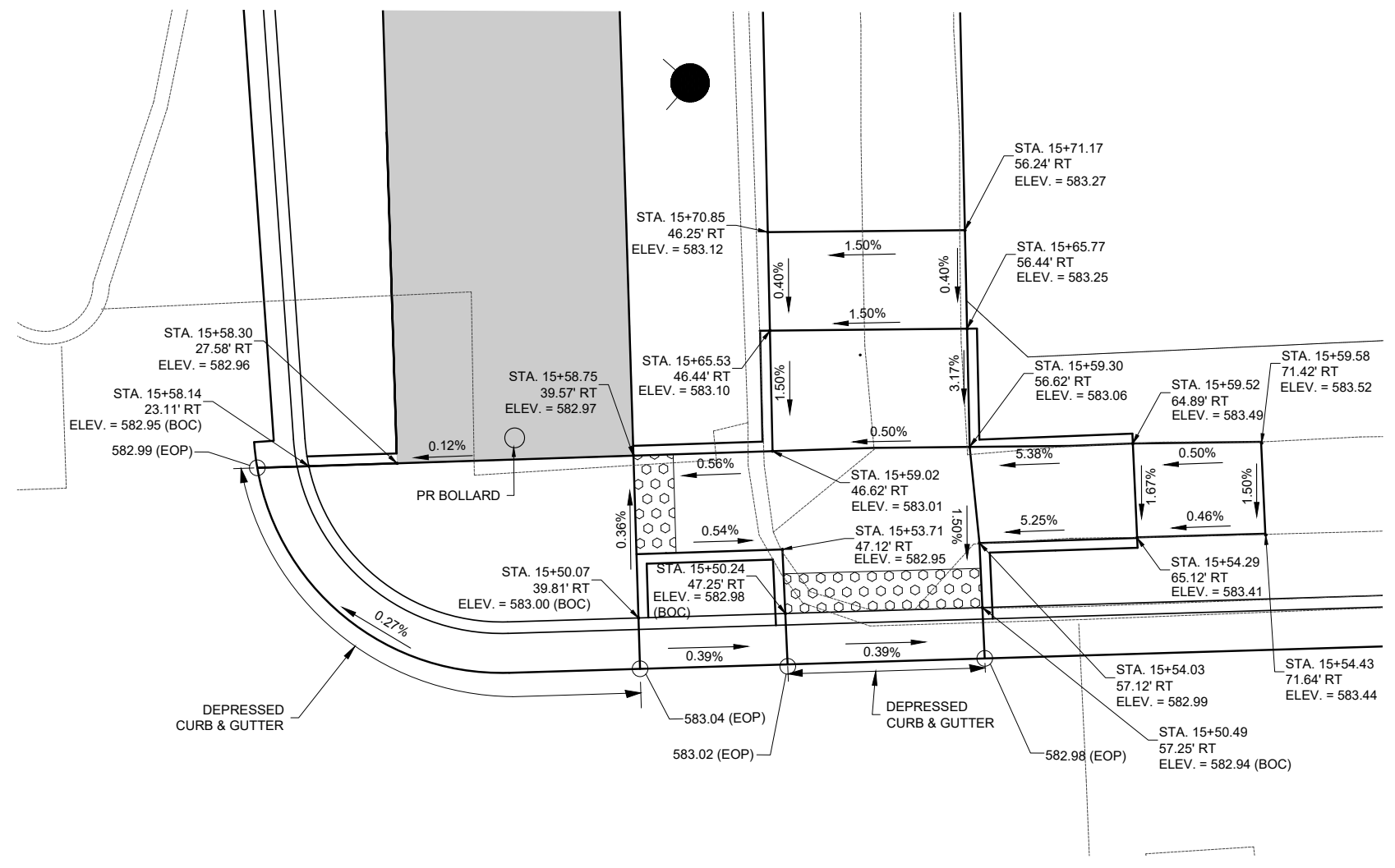
Date **05-22-23**
Project **#4789**
Designer **RMB**

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NORTHWEST CORNER OF 6TH AVE. AND 19TH ST.



NORTHEAST CORNER OF 6TH AVE. AND 19TH ST.



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19TH ST. BIKE PATH
19TH ST. & 6TH AVE.
ADA RAMP DETAILS (5 of 10)

DATE	REVISION

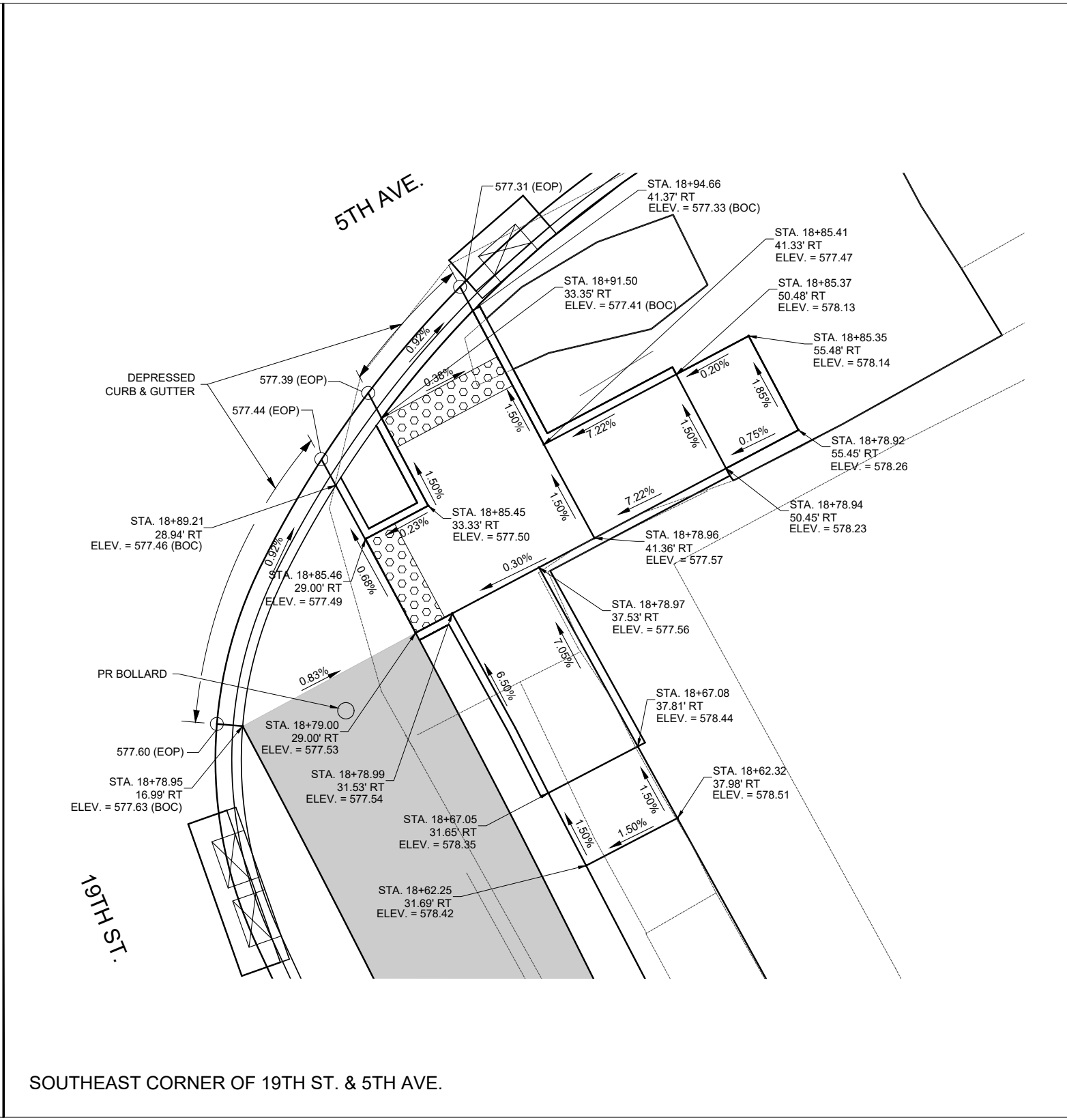
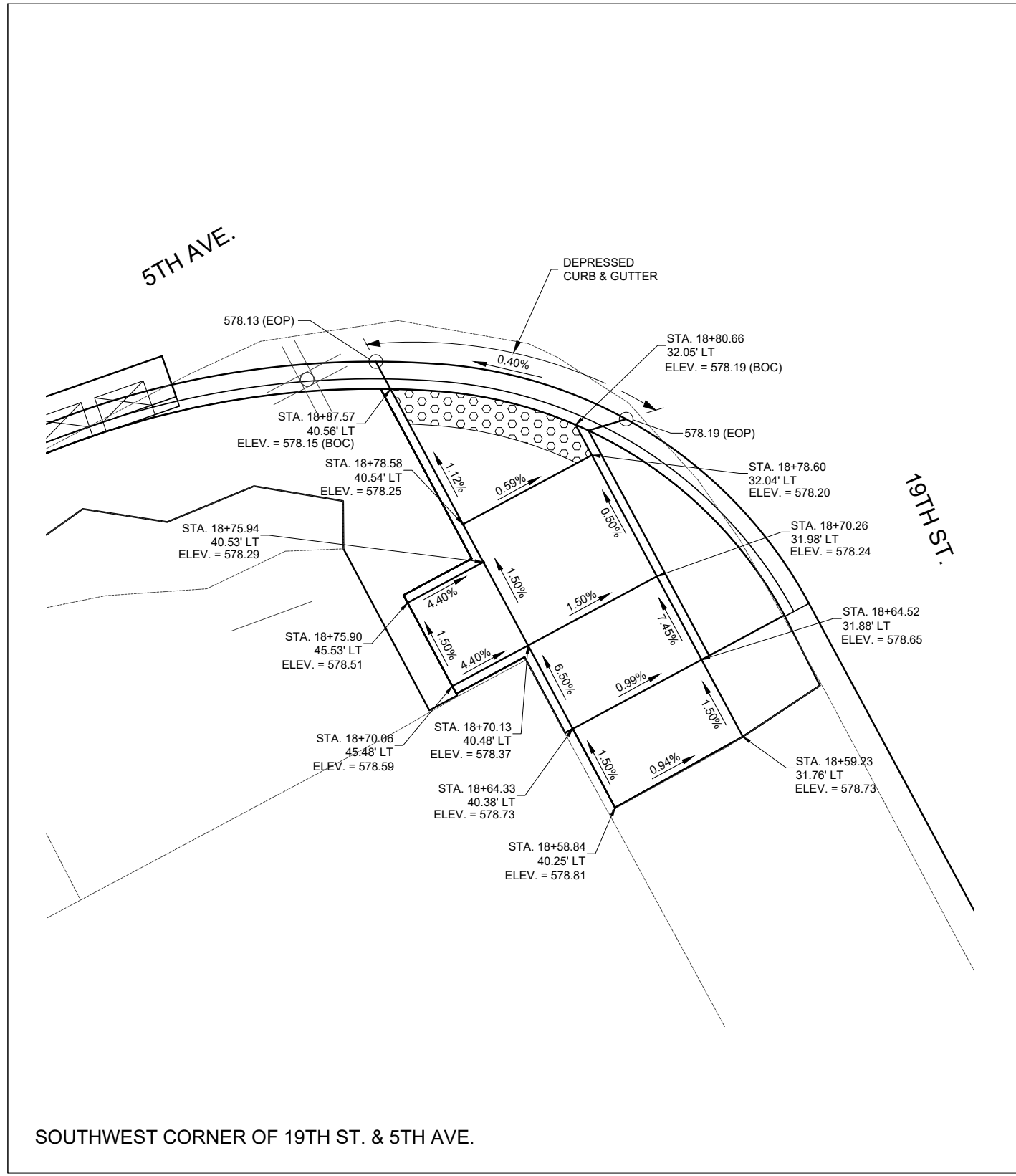


SCALED FOR
11"X17" PAPER
0' 4' 8'
SCALE: 1" = 4'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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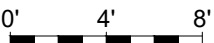
Hutchison
Engineering, Inc.

19TH ST. BIKE PATH
19TH ST. & 5TH AVE.
ADA RAMP DETAILS (6 of 10)

DATE	REVISION



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11"X17" PAPER

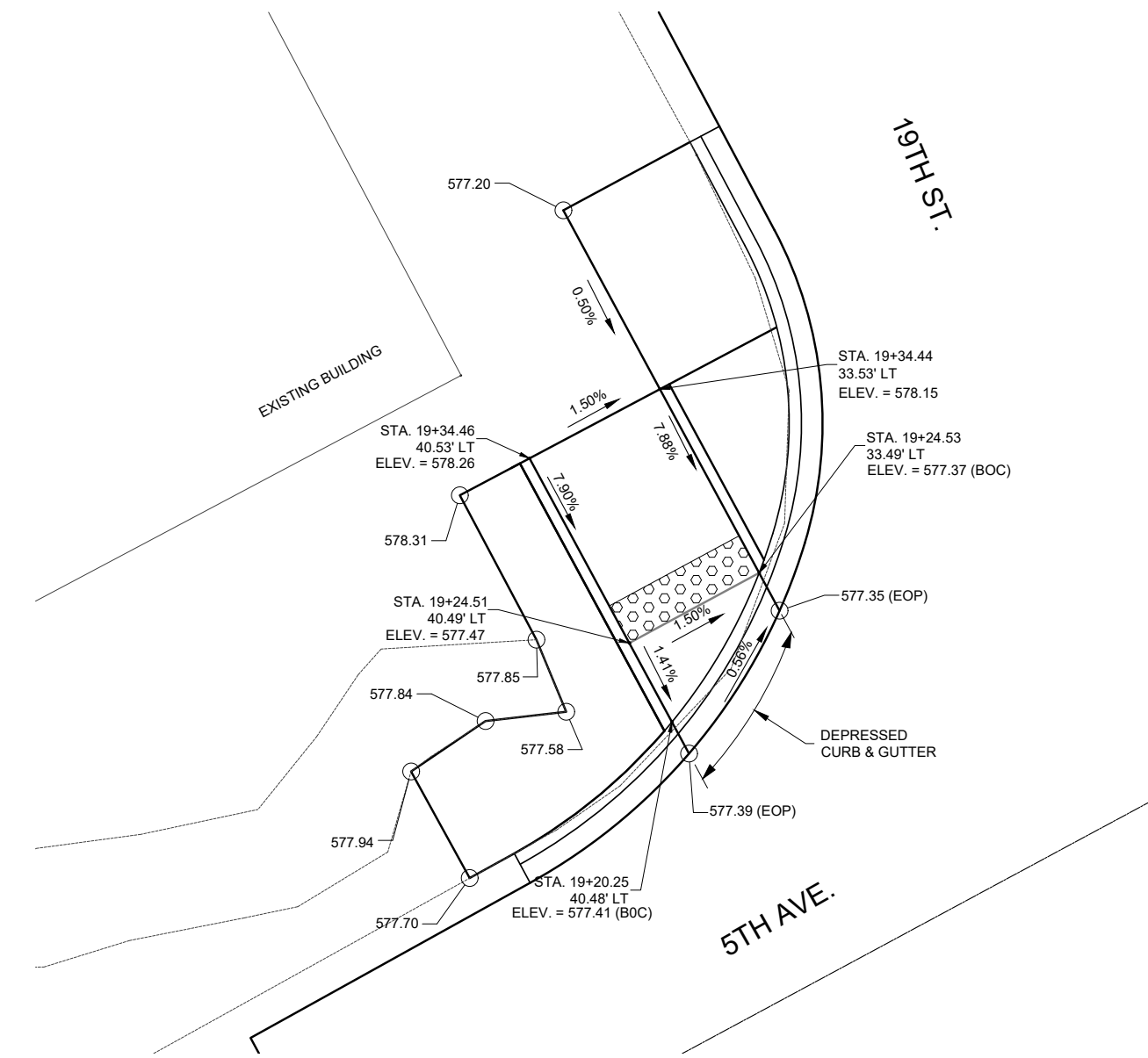


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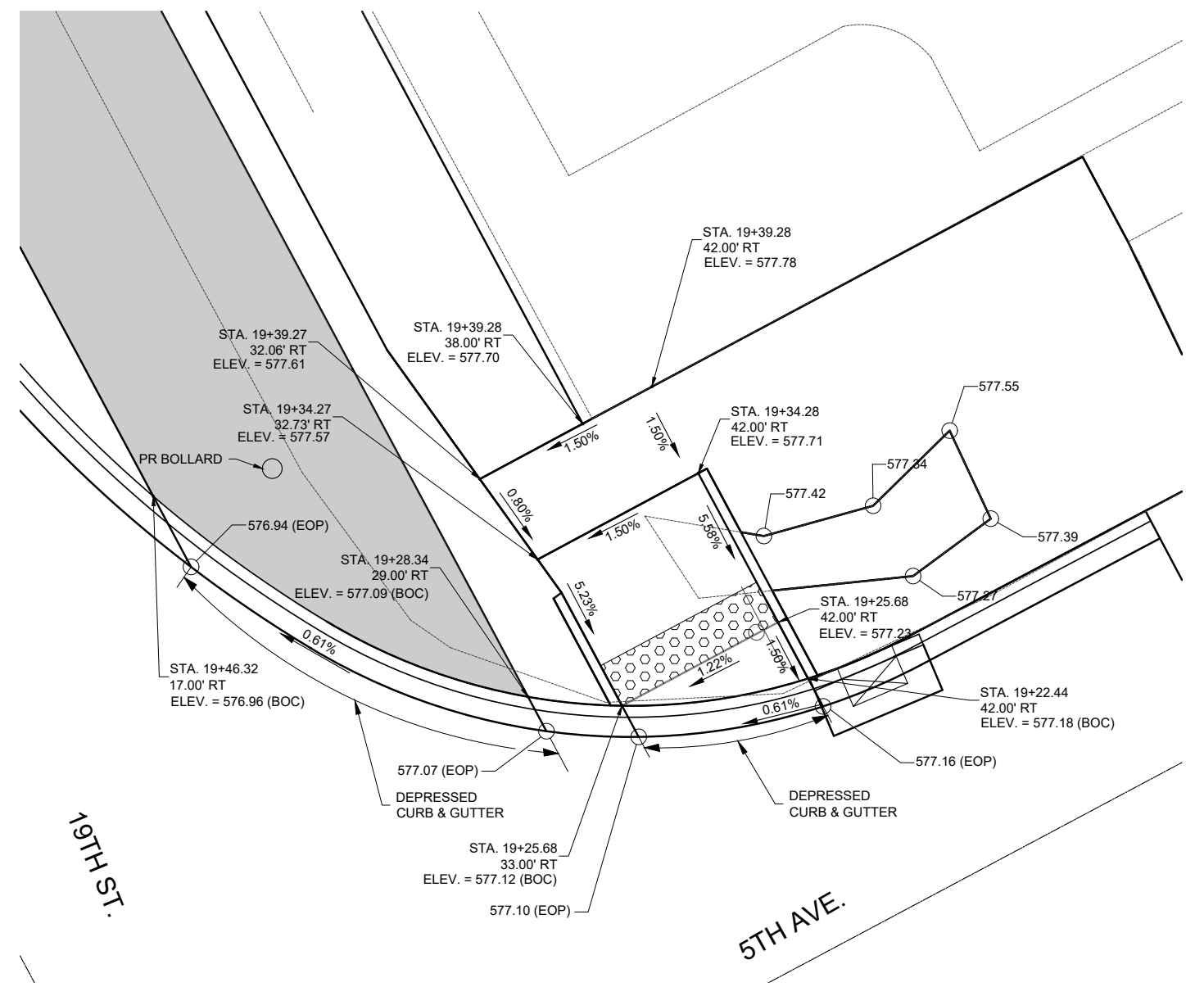
Date **05-22-23**
Project **#4789**
Designer **RMB**

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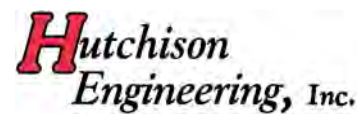
NORTHWEST CORNER OF 19TH ST. & 5TH AVE.



NORTHEAST CORNER OF 19TH ST. & 5TH AVE.



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19TH ST. BIKE PATH
19TH ST. & 5TH AVE.
ADA RAMP DETAILS (7 of 10)

DATE	REVISION

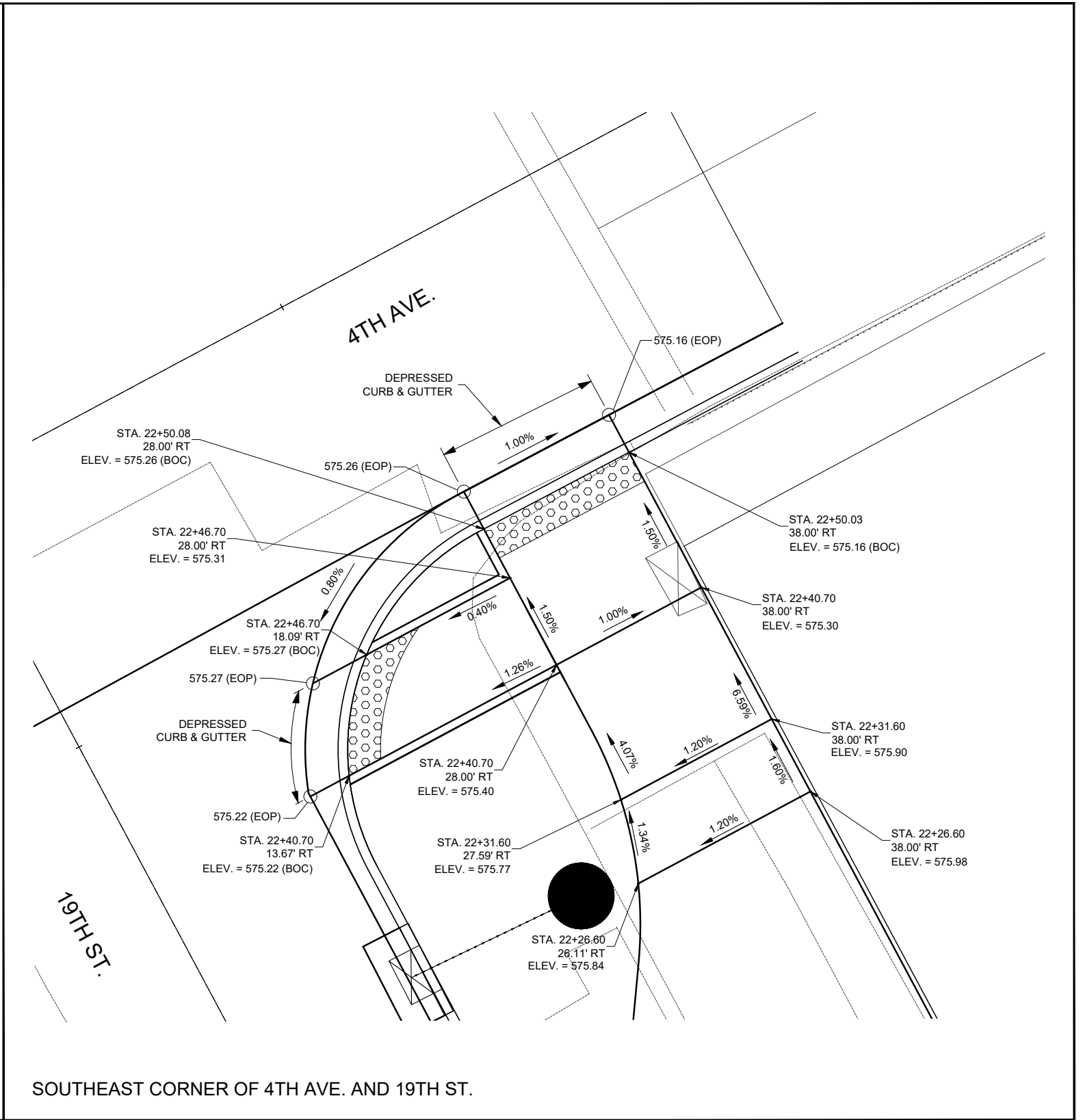
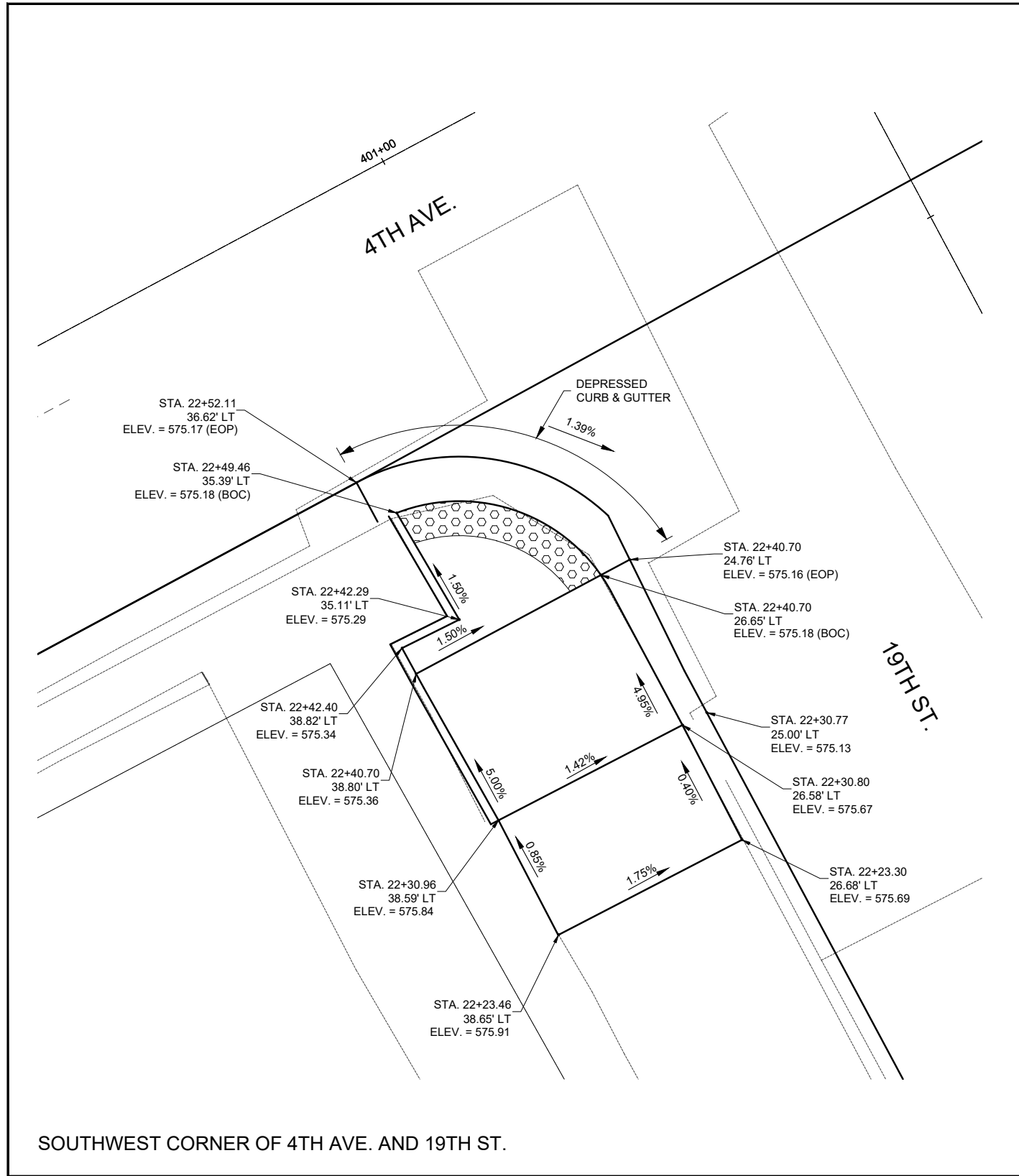


SCALED FOR
11"X17" PAPER
0' 4' 8'
SCALE: 1" = 4'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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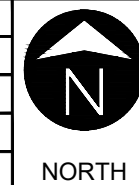


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19TH ST. BIKE PATH
19TH ST. & 4TH AVE.
ADA RAMP DETAILS (8 of 10)

DATE	REVISION

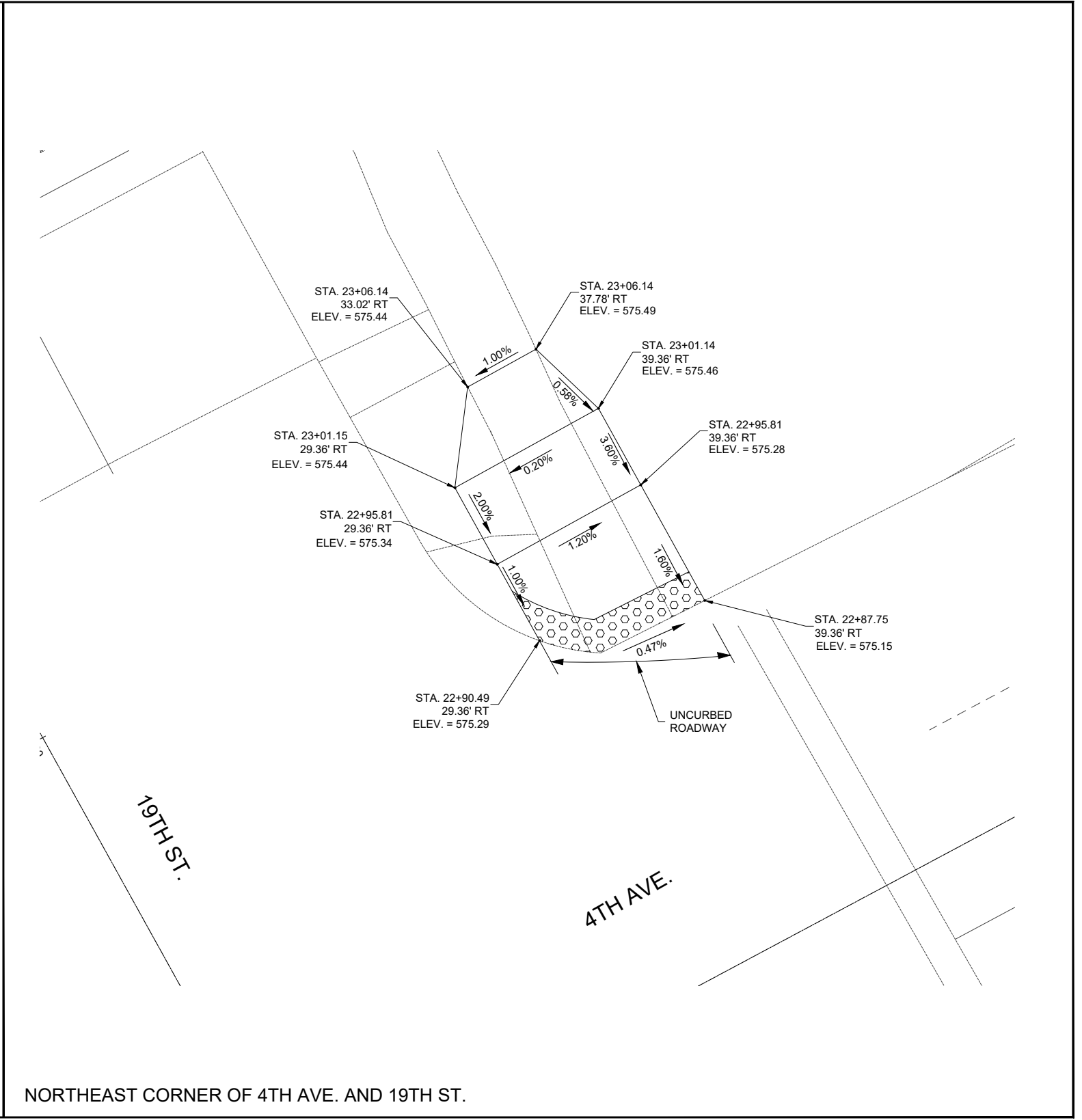
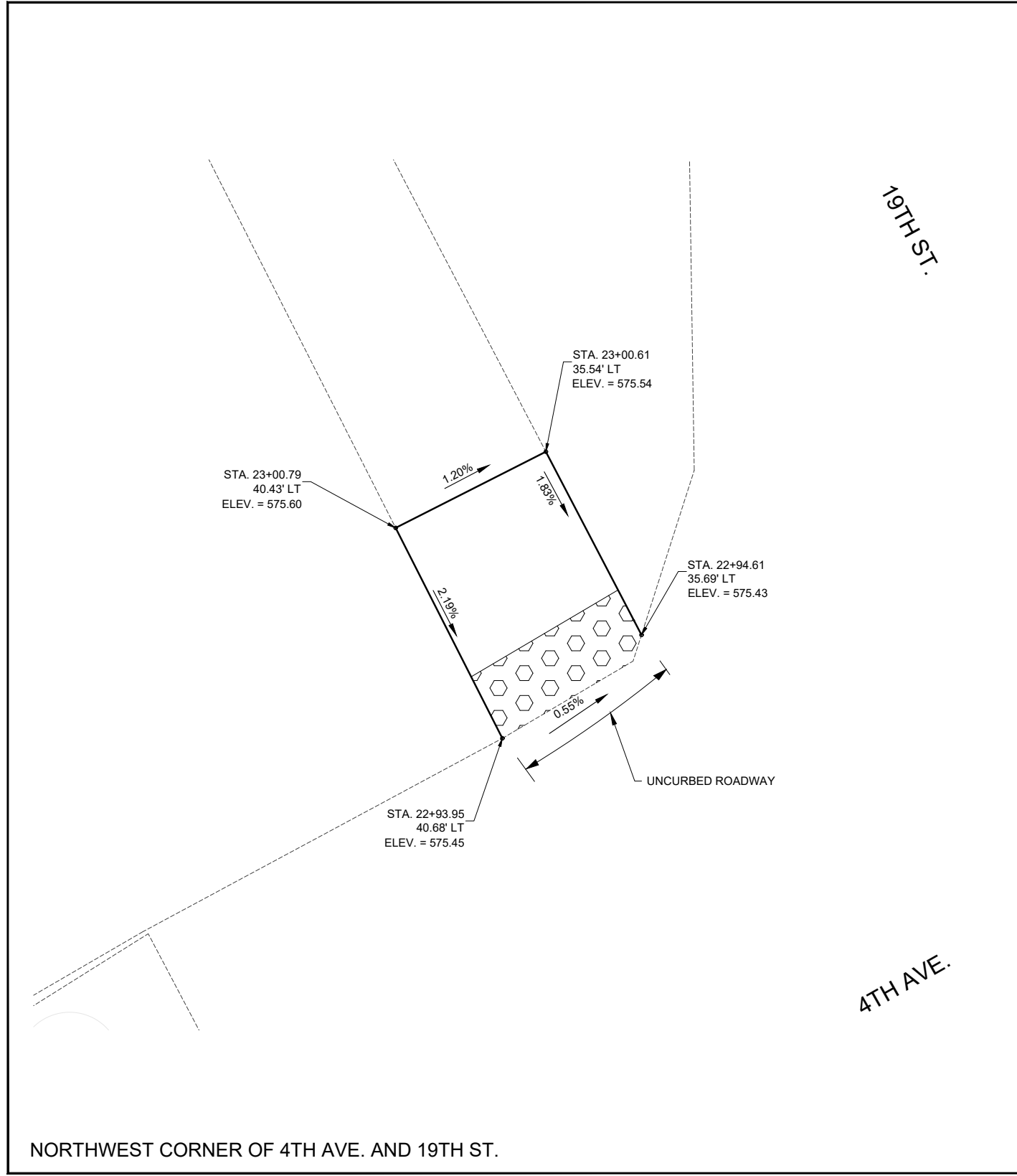


SCALED FOR
11"X17" PAPER
0' 4' 8'
SCALE: 1" = 4'

Date **05-22-23**
Project **#4789**
Designer **RMB**

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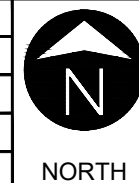


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ENGINEERING DIVISION
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19TH ST. BIKE PATH
19TH ST. & 4TH AVE.
ADA RAMP DETAILS (9 of 10)

DATE	REVISION



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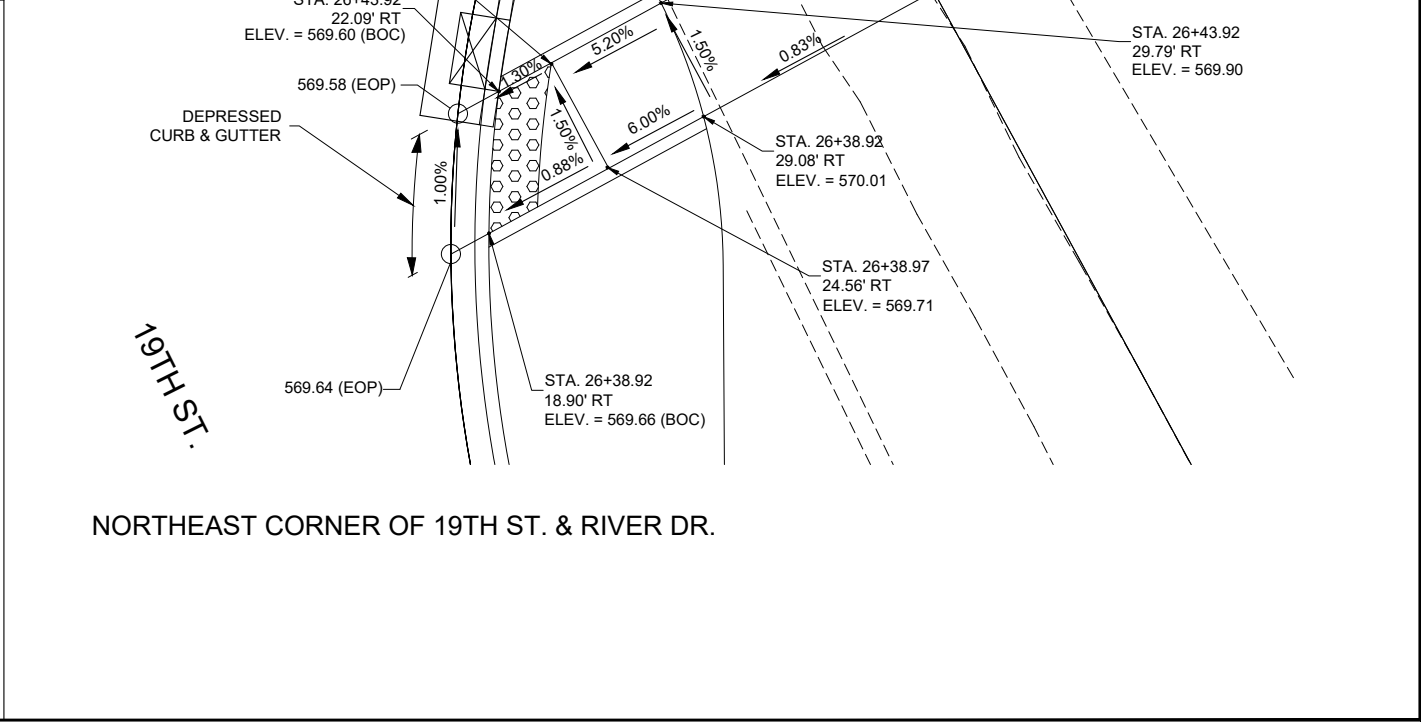
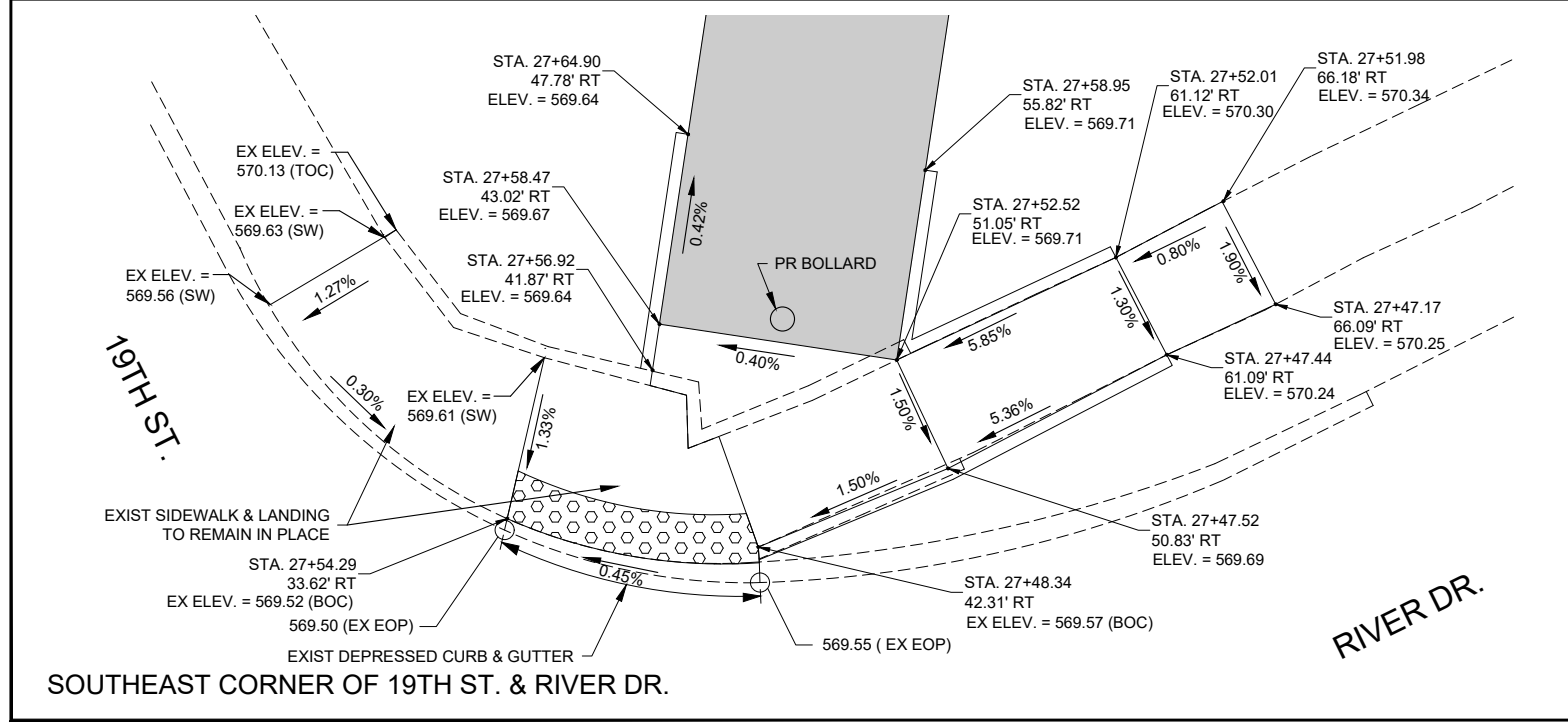
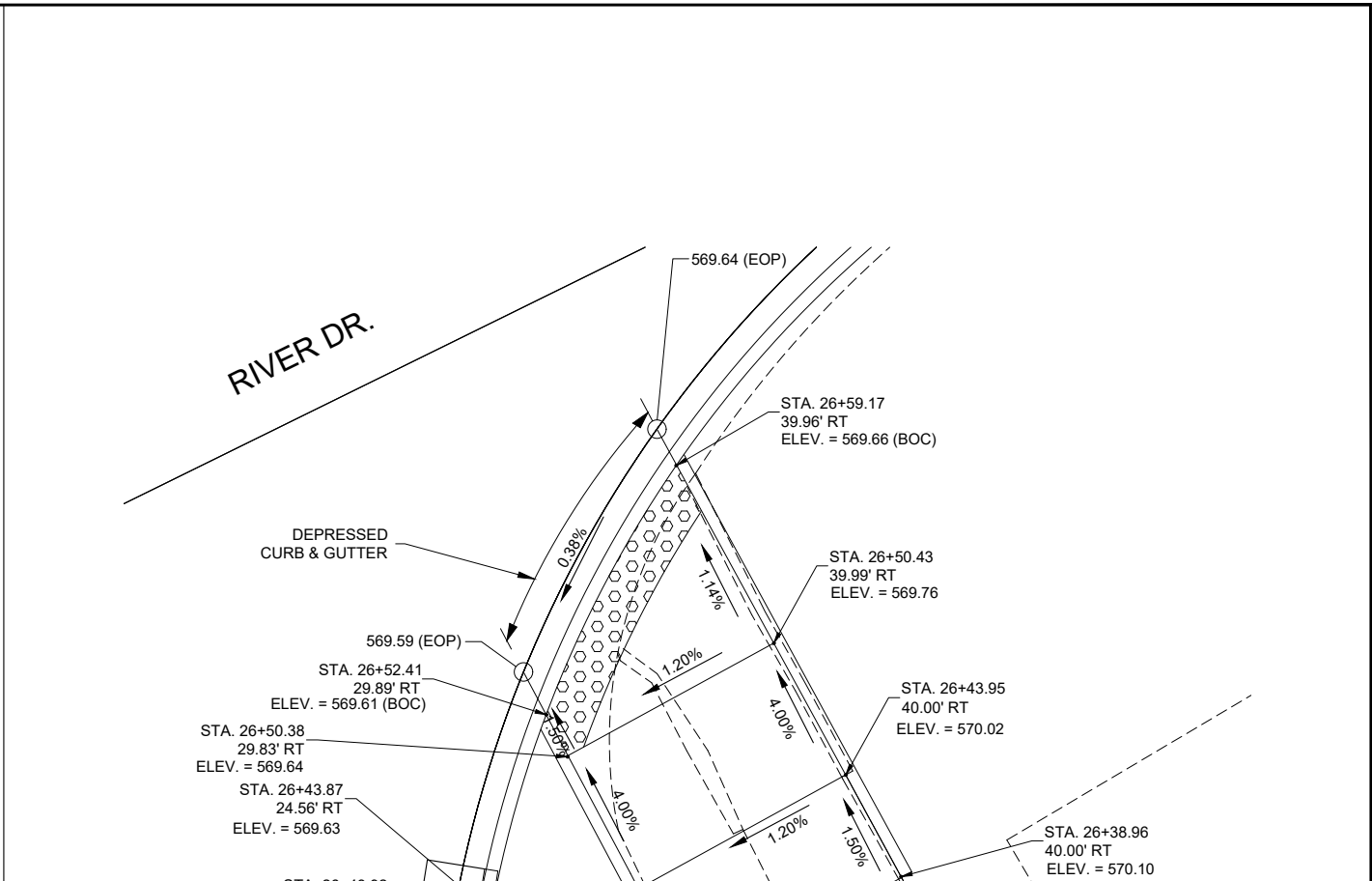
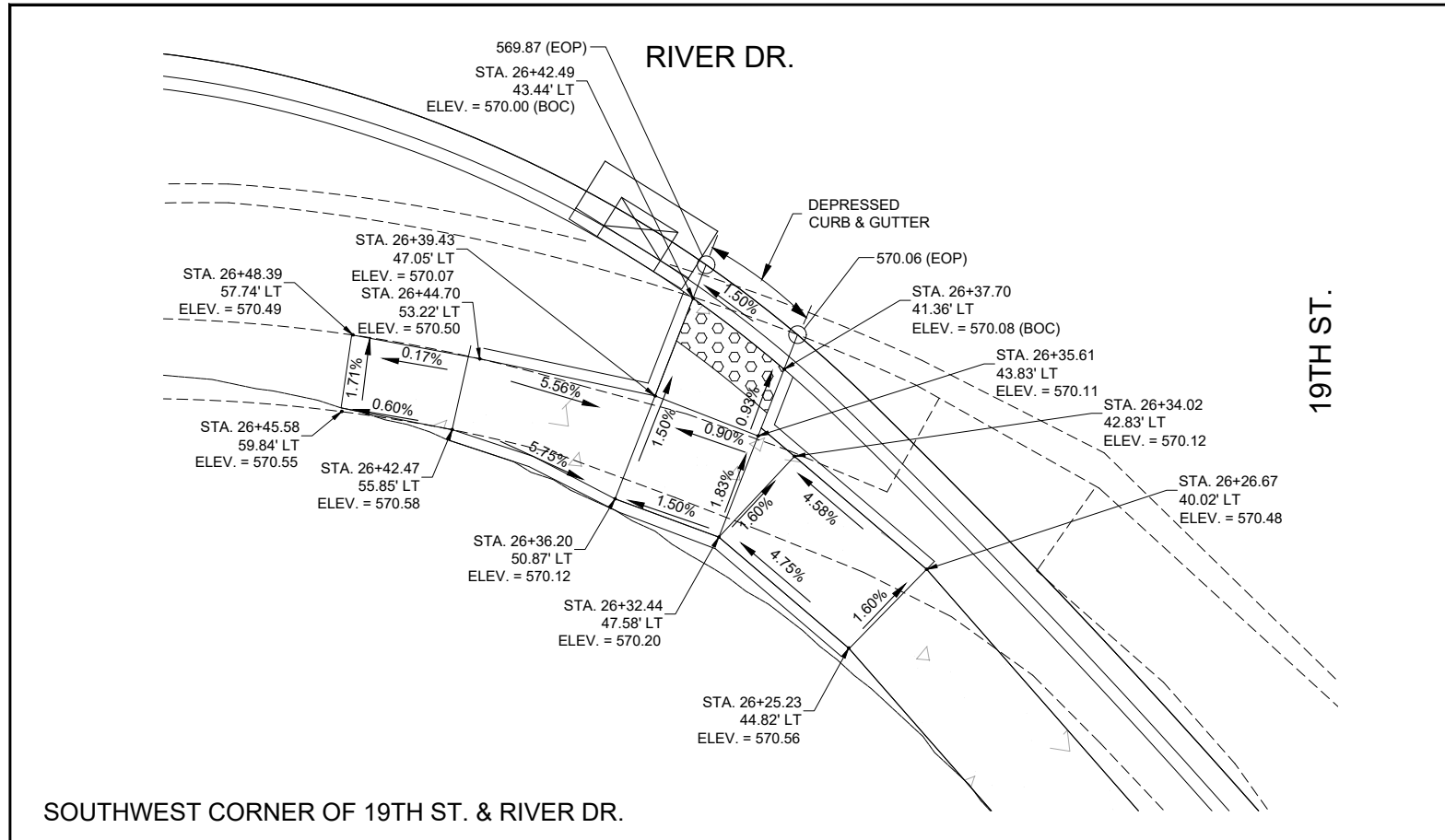
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SCALE: 1" = 4'

Date **05-22-23**
Project **#4789**
Designer **RMB**

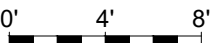
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V:\4789 - 19th St Bike Trail (Moline)\CADD\CADD Sheets\4789-sht-details-ADA-10-River Dr & 19th St.dwg



DATE	REVISION

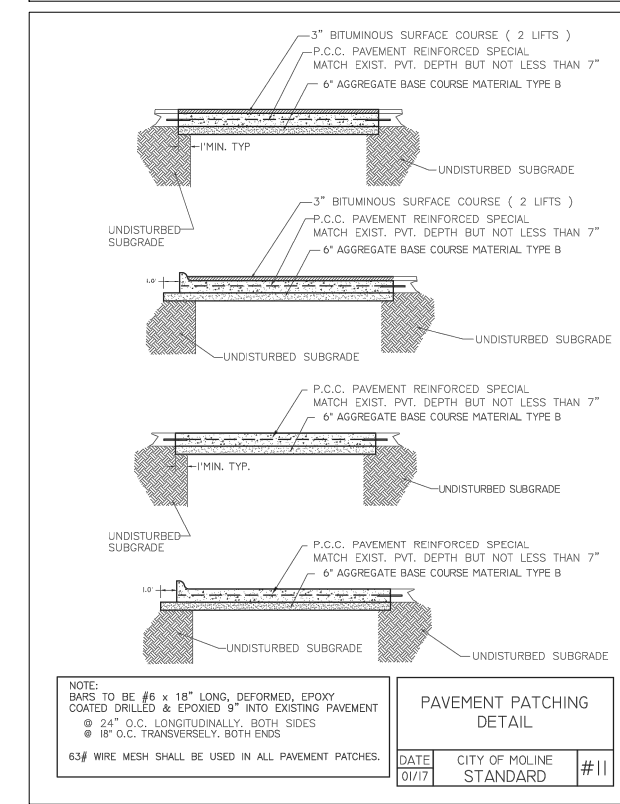
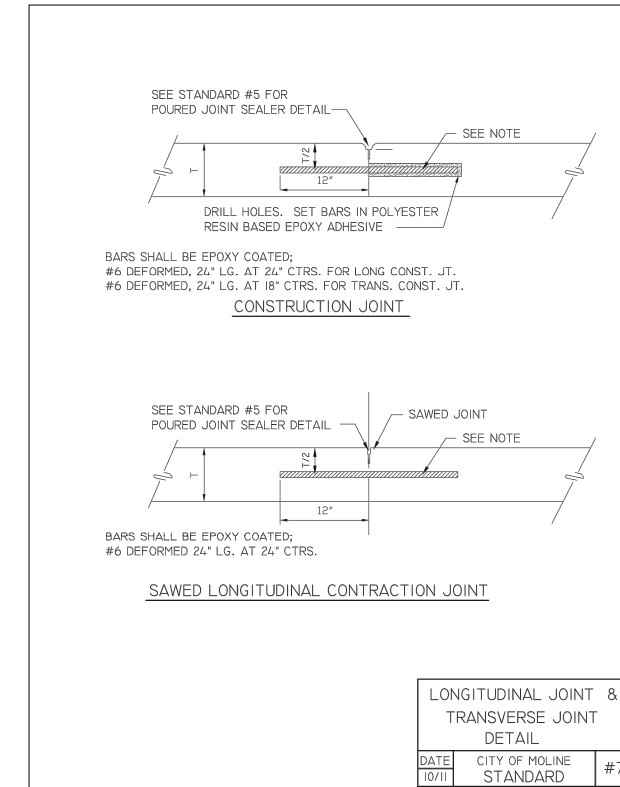
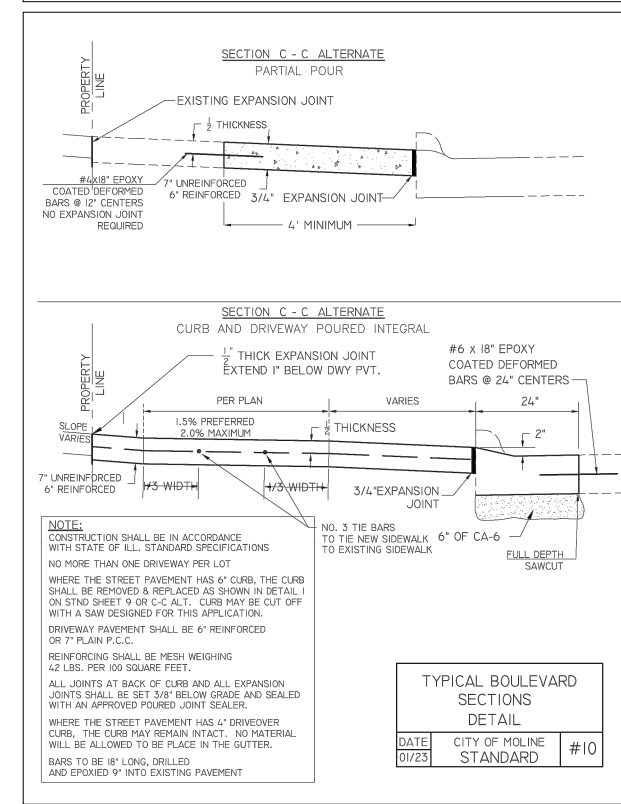
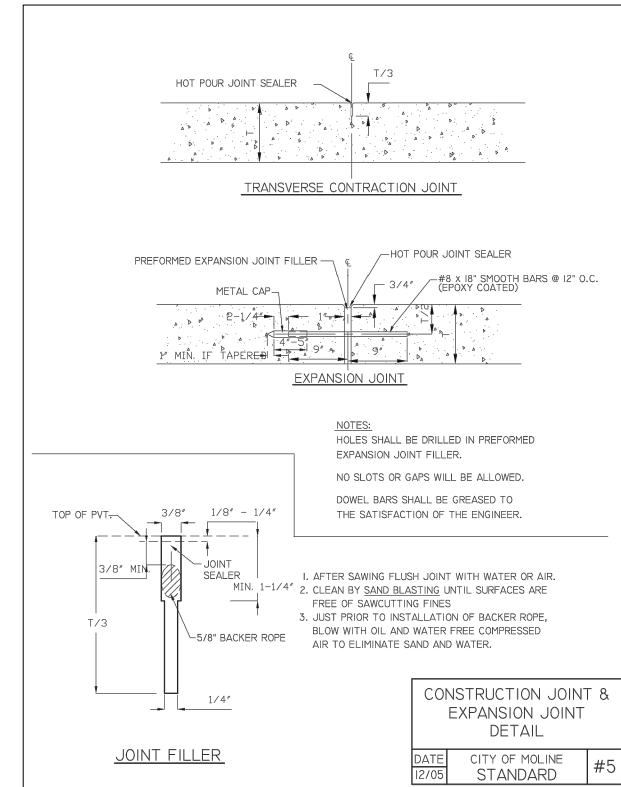
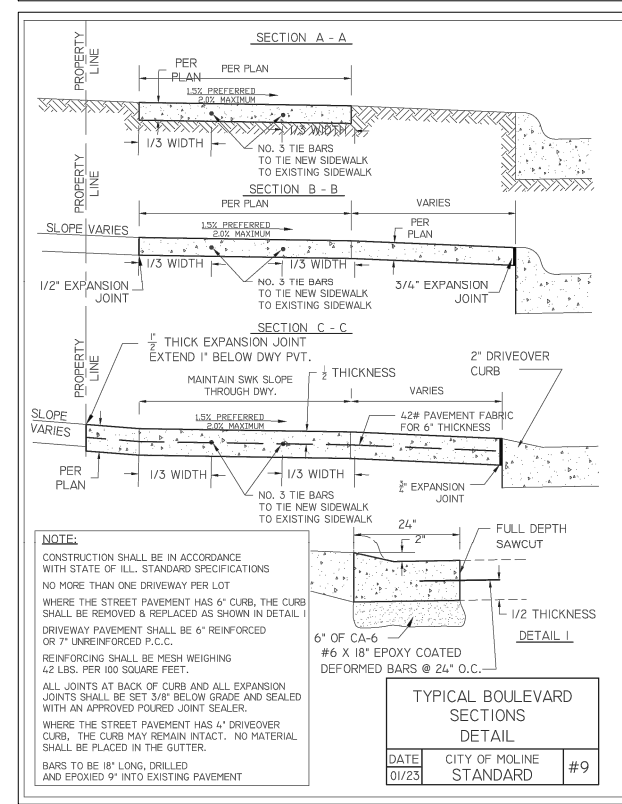
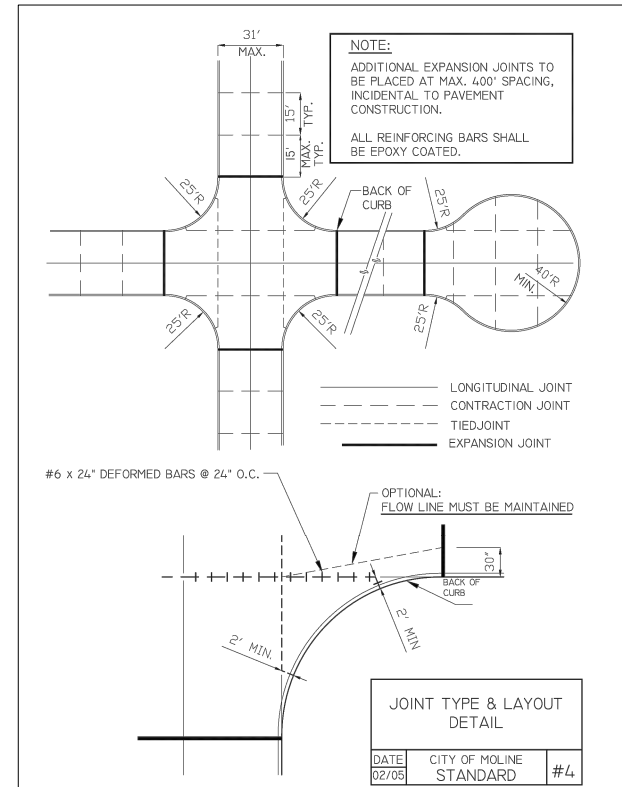
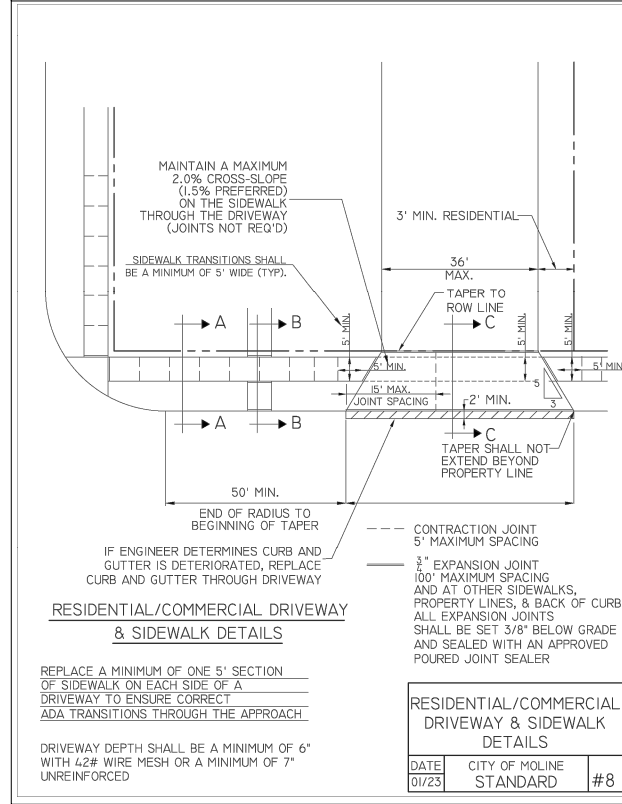
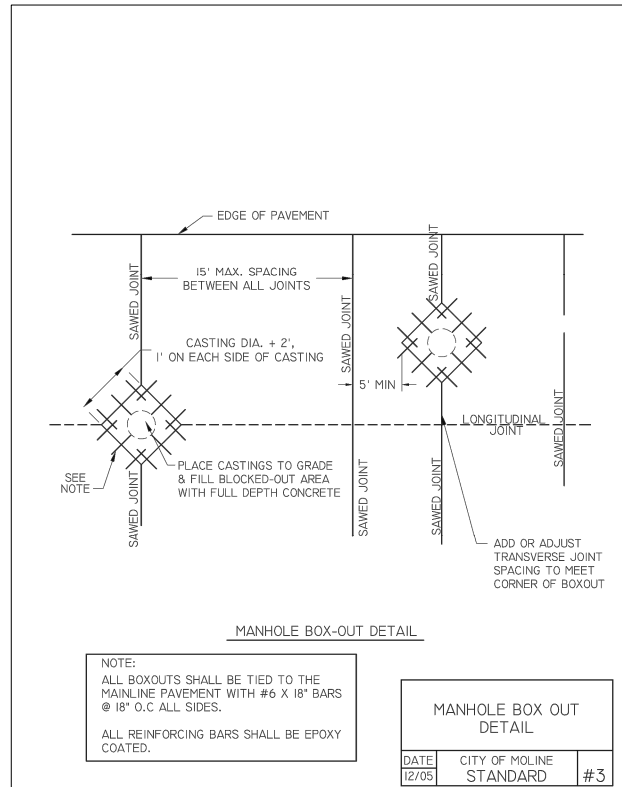


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 SCALE: 1" = 4'

Date **05-22-23**
 Project **#4789**
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19TH ST. BIKE PATH
19TH ST.
CITY OF MOLINE STANDARDS (1 of 2)

DATE	REVISION

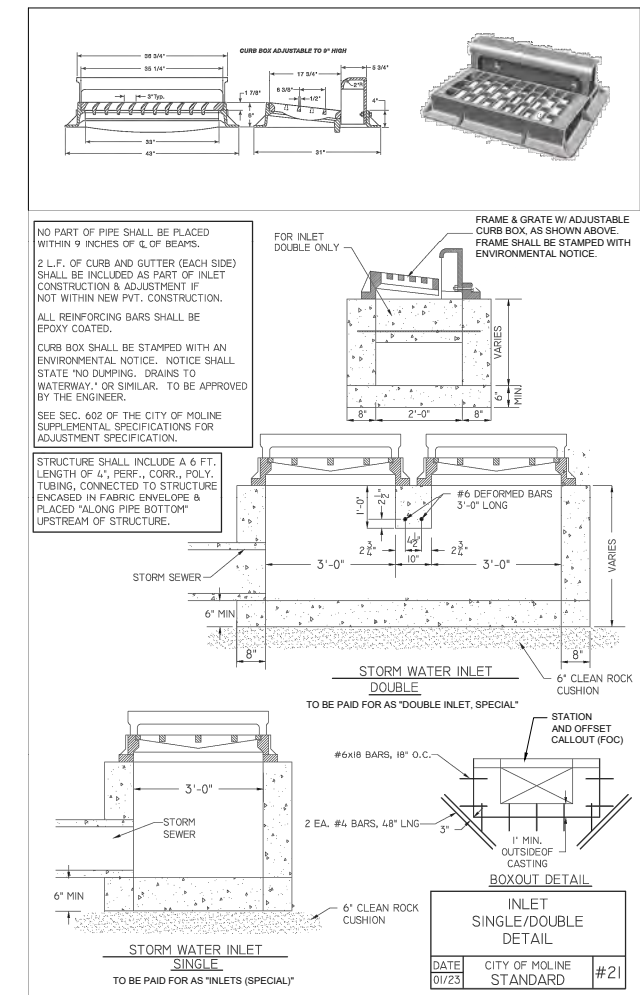
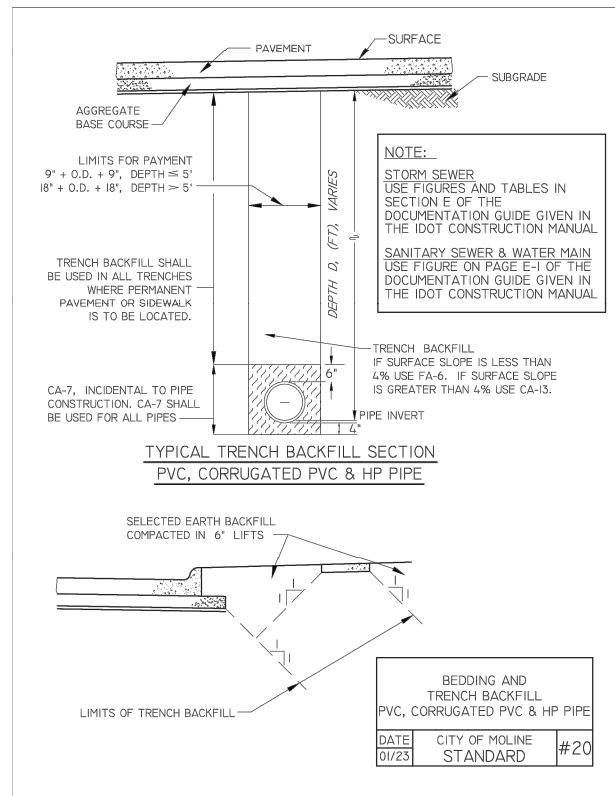
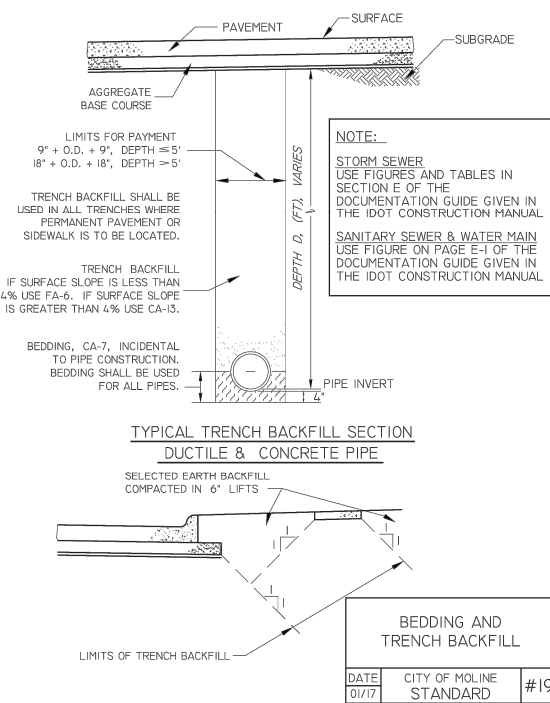
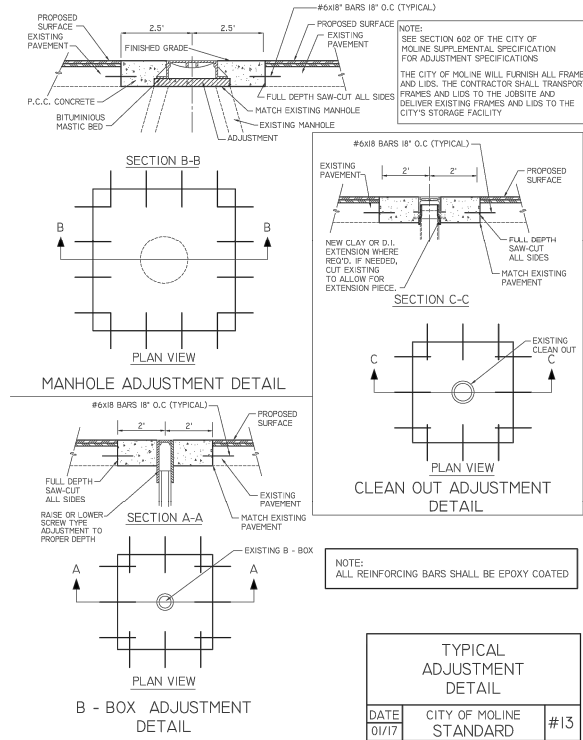
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11"X17" PAPER

0' 0' 0'
SCALE: 0" = 0'

Date 05-22-23
Project #4789
Designer RMB

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19TH ST. BIKE PATH
 19TH ST.
 CITY OF MOLINE STANDARDS (2 of 2)

DATE	REVISION

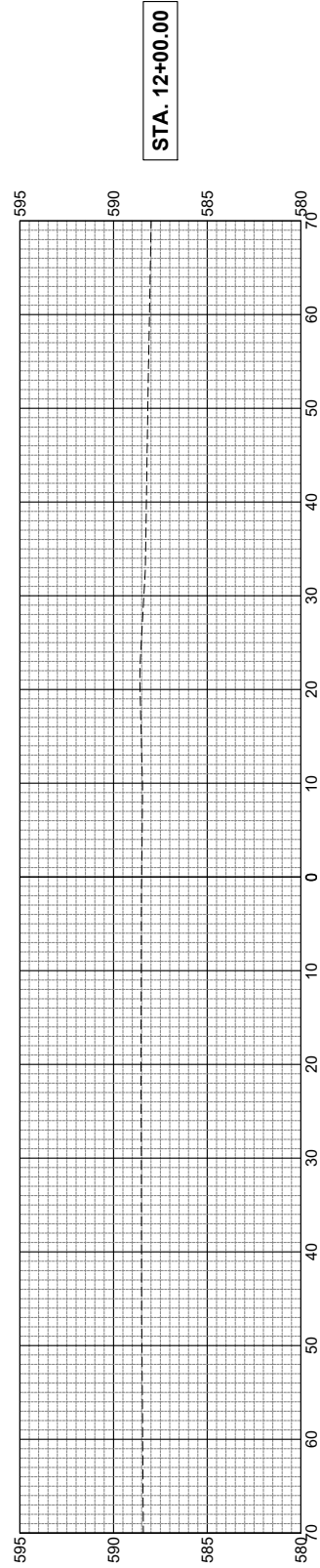
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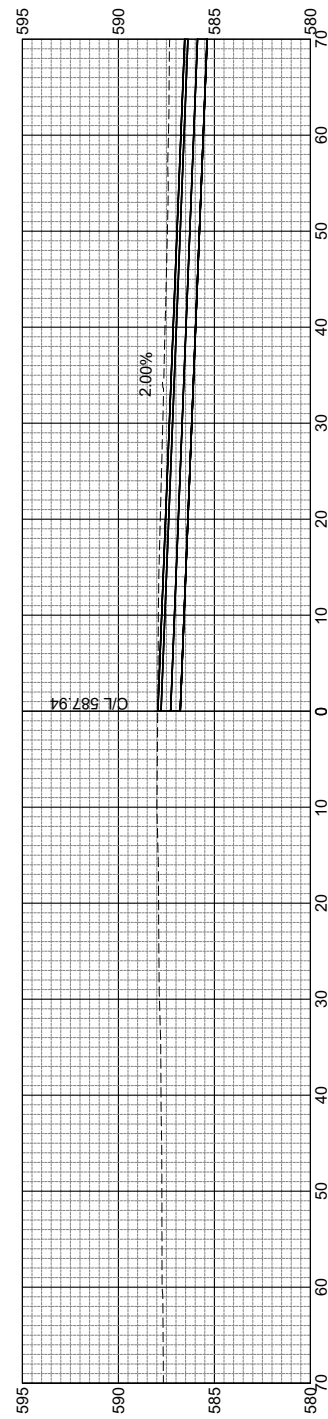
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Date 05-22-23
 Project #4789
 Designer RMB

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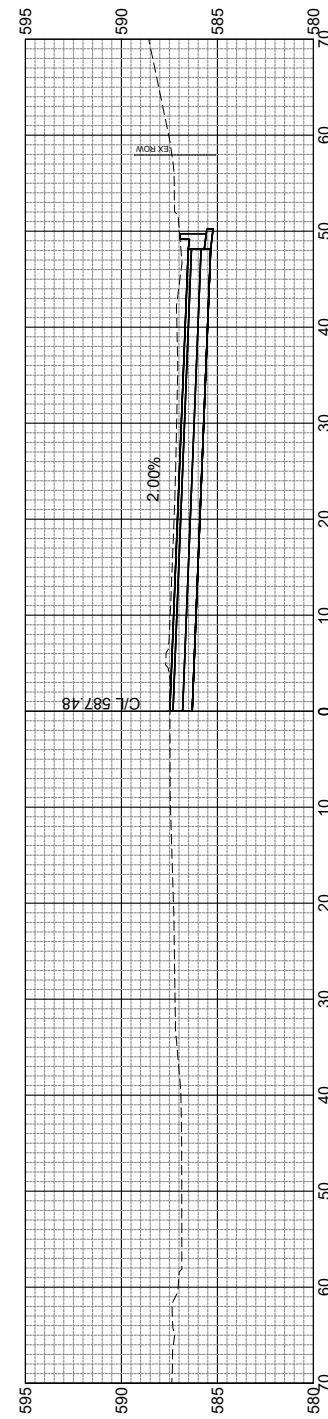


STA. 12+00.00



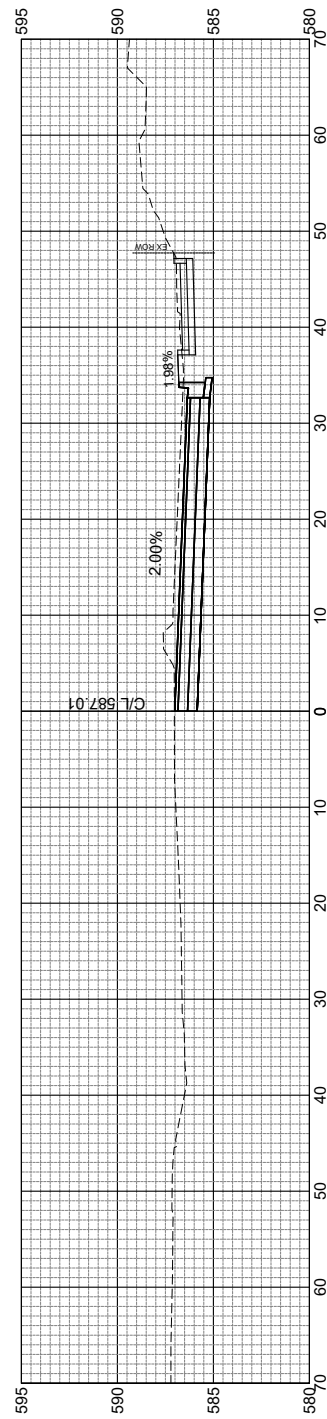
STA. 12+25.00

C = 21.6 SQ FT
F = 0.0 SQ FT



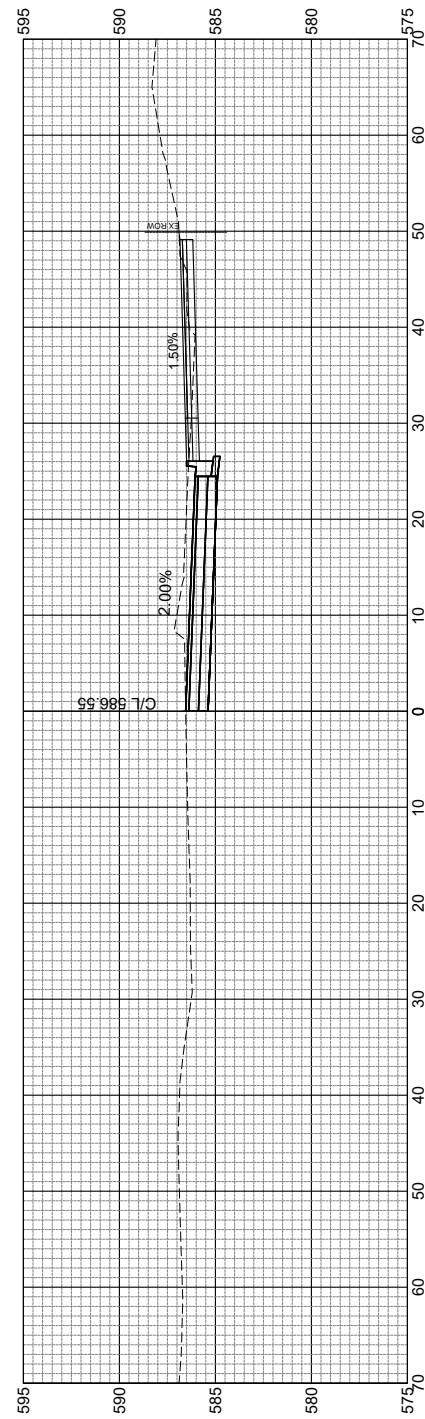
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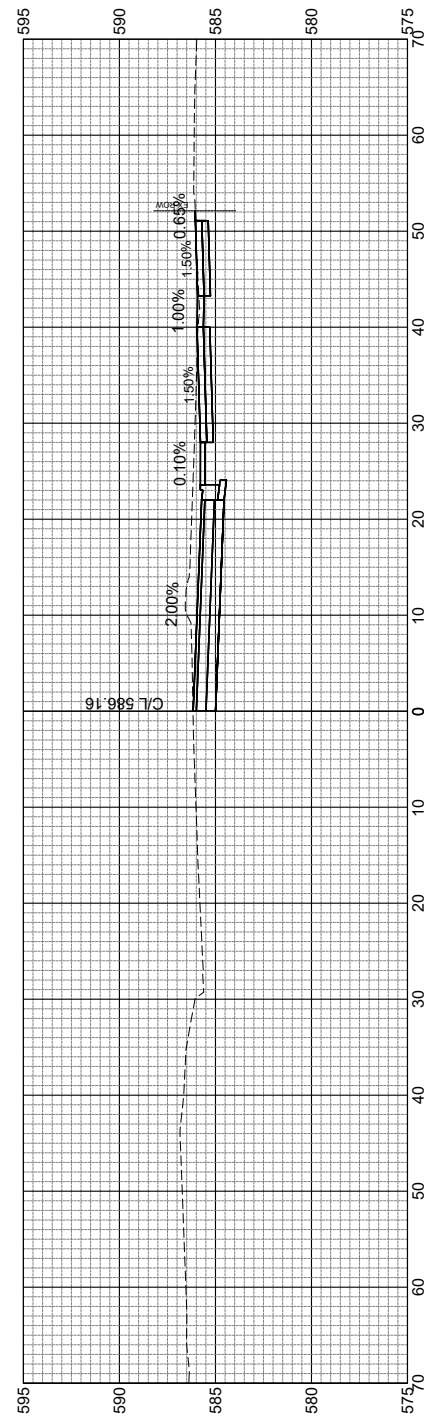
STA. 12+75.00

C = 21.6 SQ FT
F = 0.0 SQ FT



STA. 13+00.00

C = 21.6 SQ FT
F = 0.0 SQ FT



DRIVEWAY
C.E.R.T.

STA. 13+25.00

C = 41.4 SQ FT
F = 0.0 SQ FT



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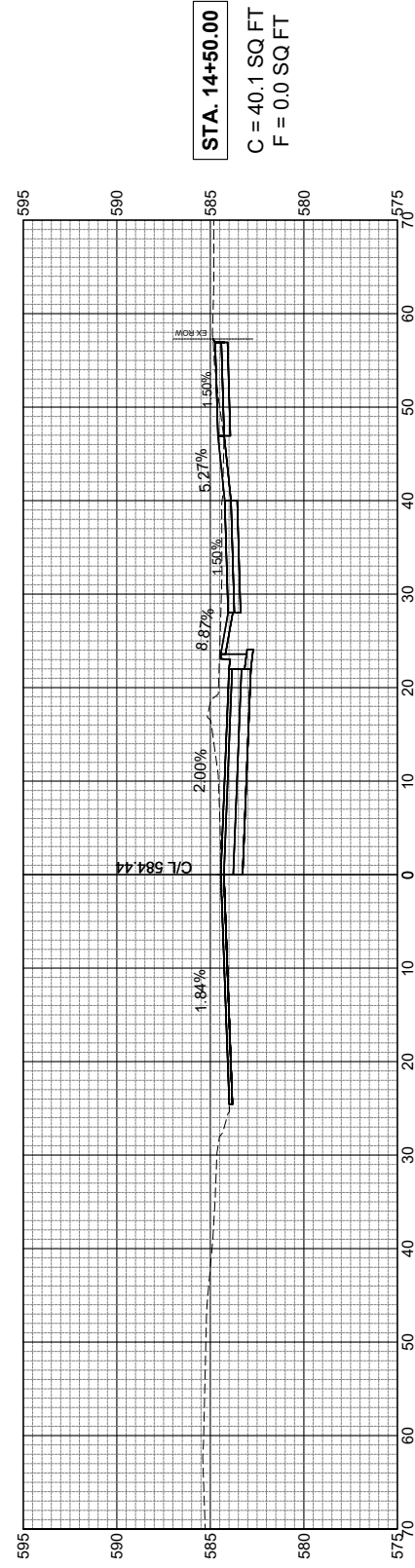
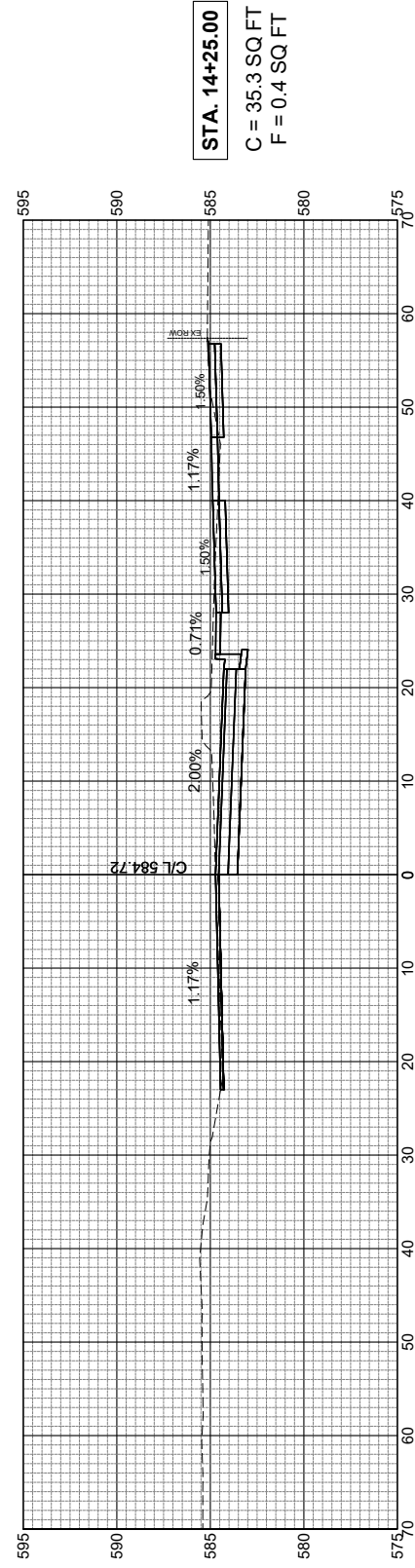
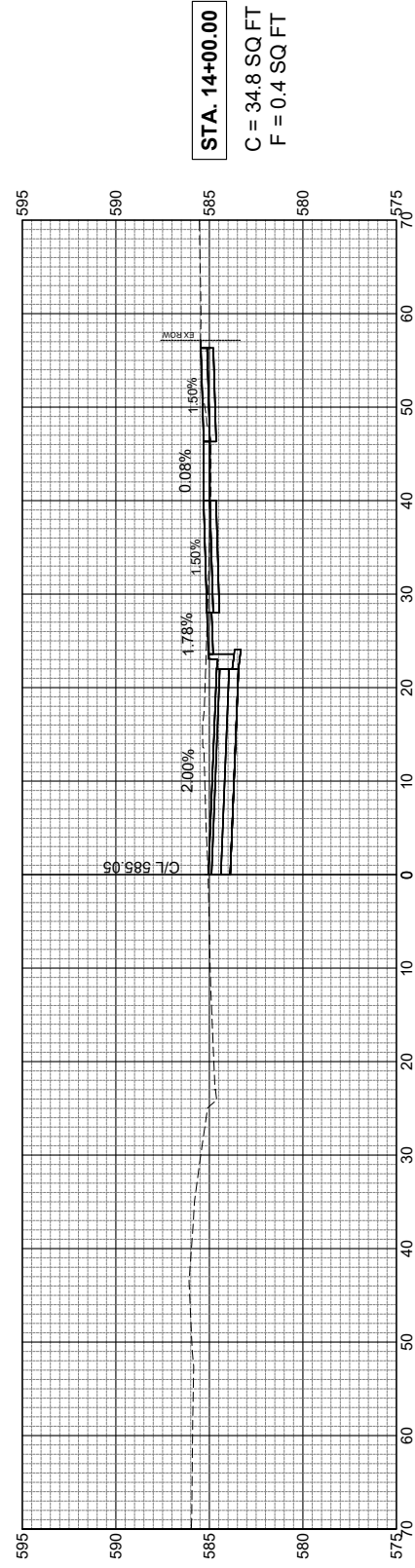
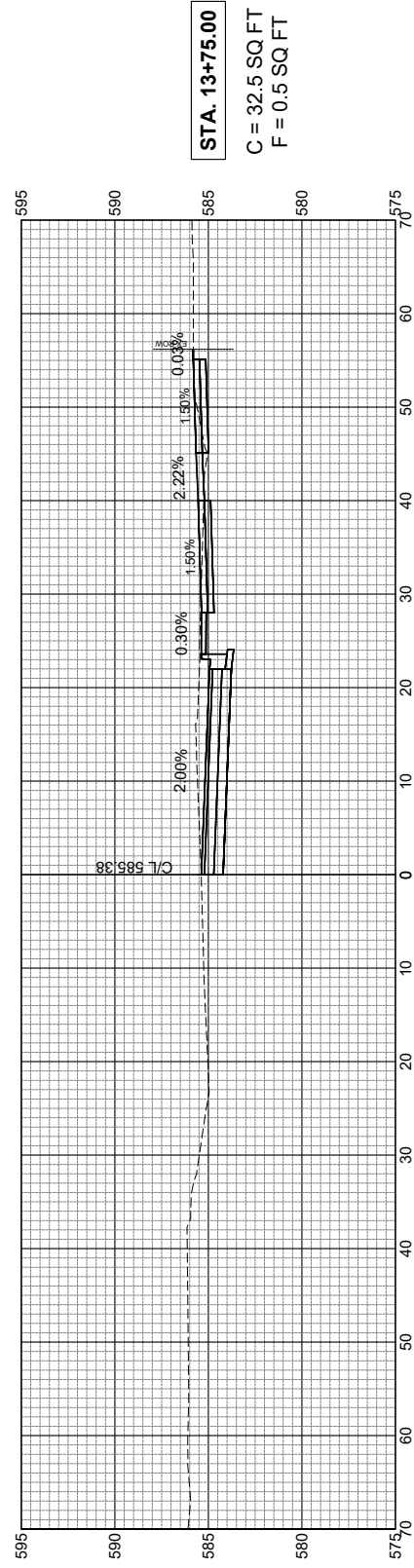
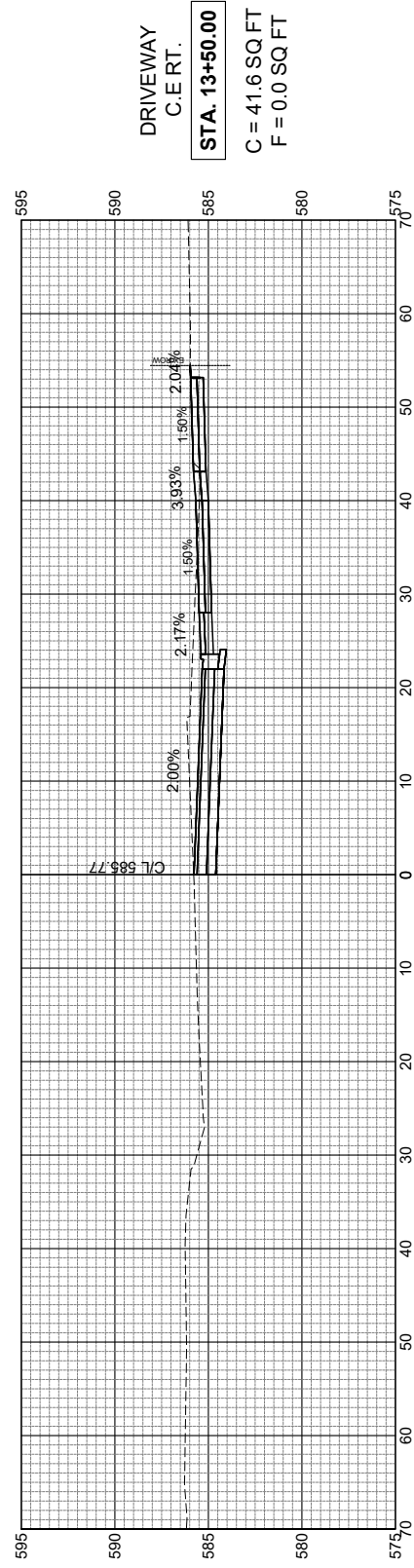
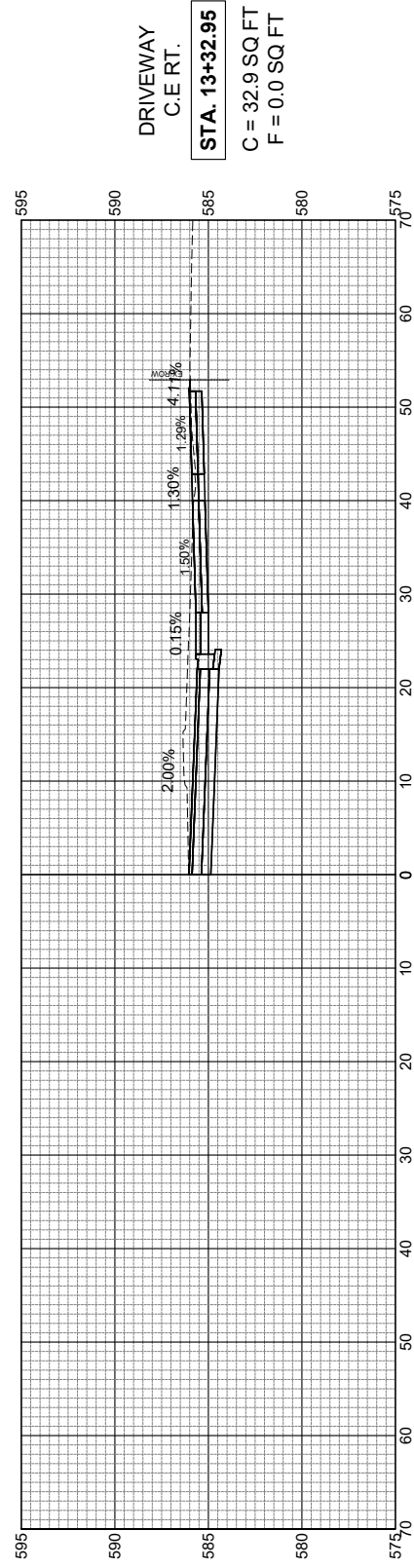


19TH ST. BIKEPATH
19TH ST. (NORTH SECTION)
CROSS SECTIONS (1 of 10)

DATE	REVISION

SCALED FOR
11"X17" PAPER
HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

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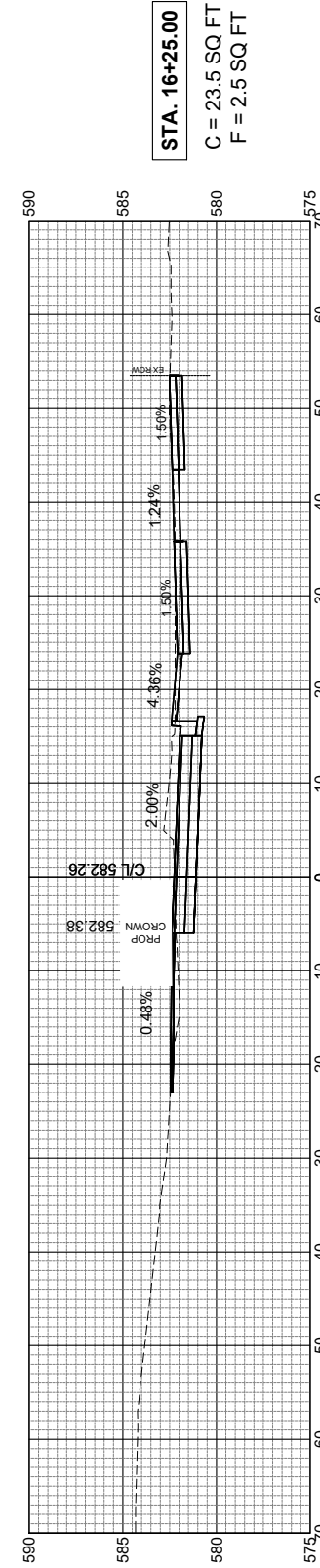
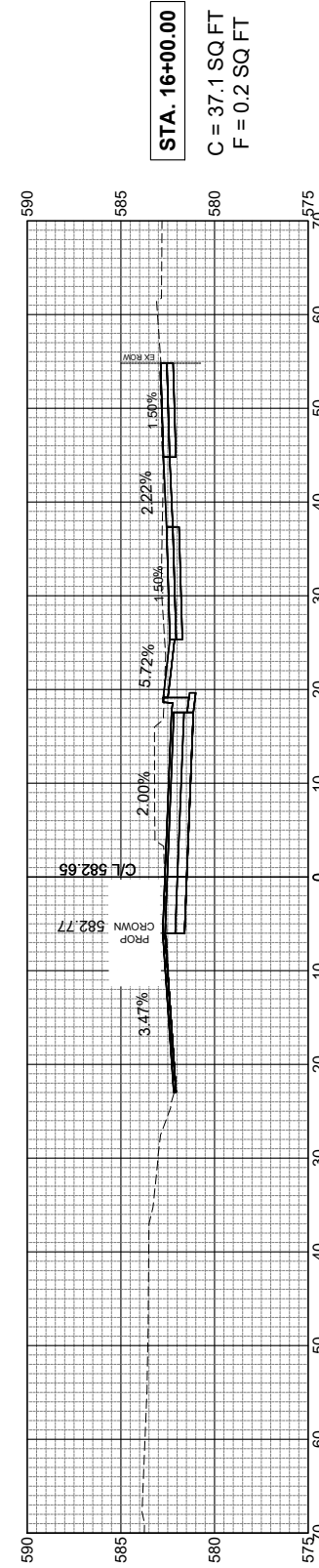
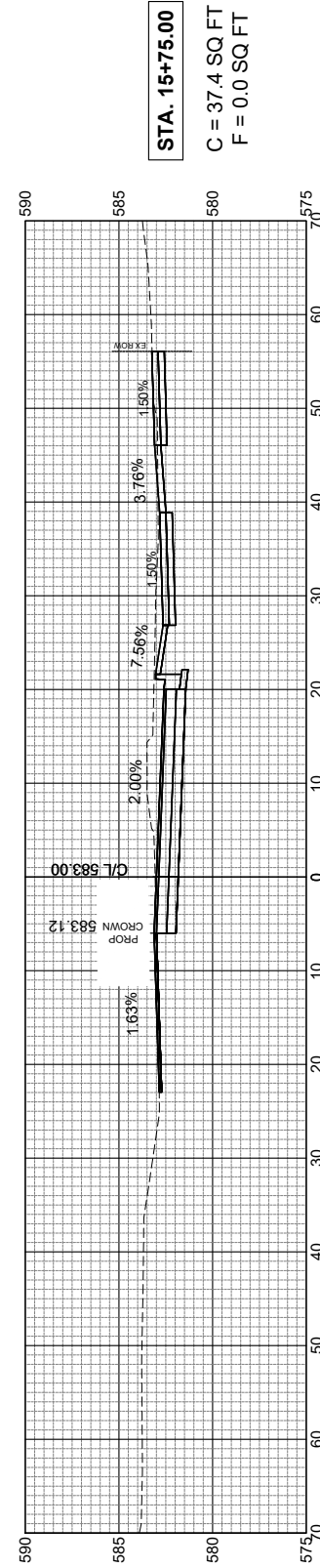
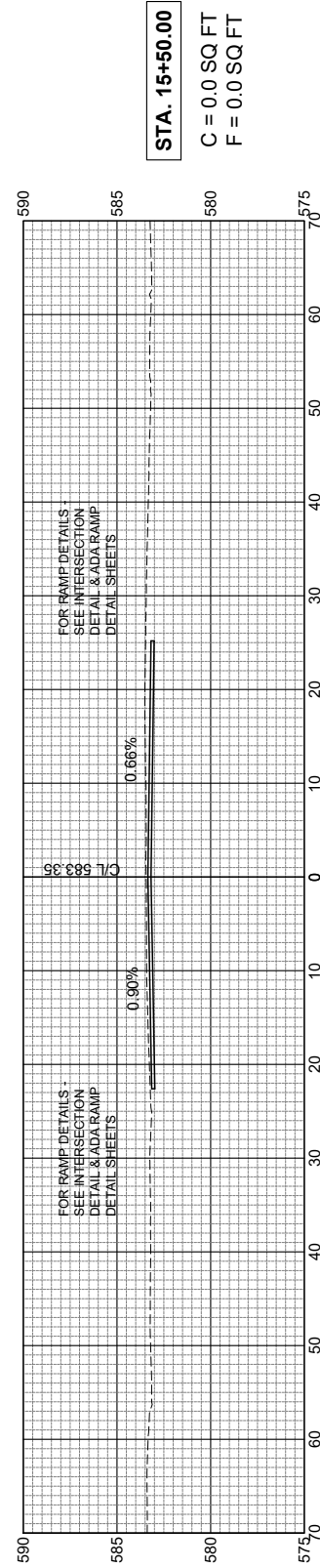
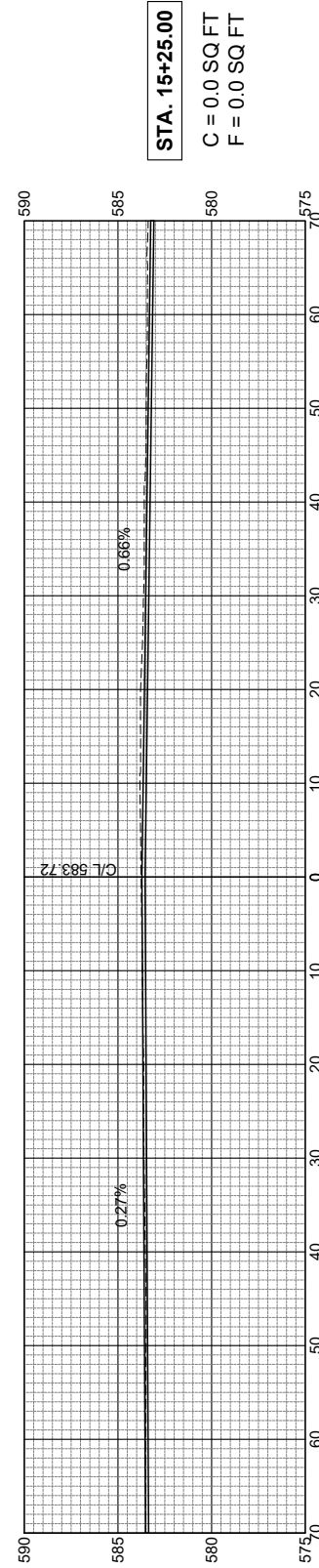
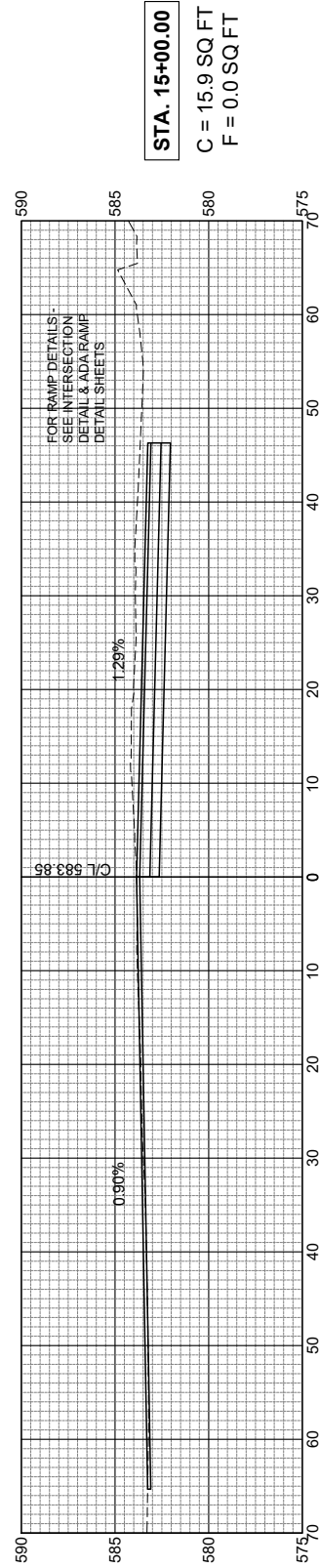
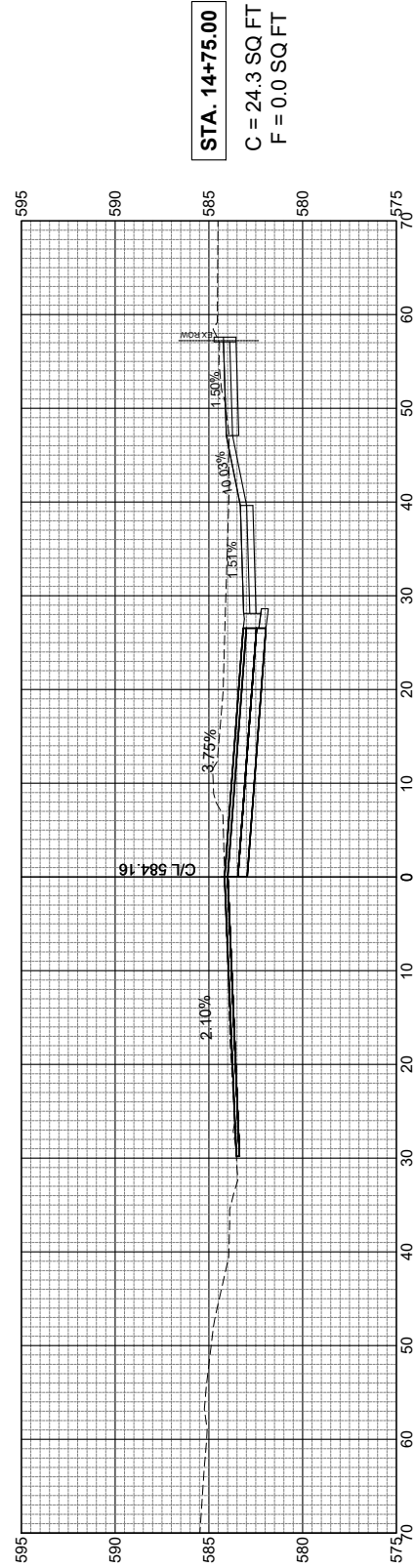
19TH ST. BIKEPATH
19TH ST. (NORTH SECTION)
CROSS SECTIONS (2 of 10)

DATE	REVISION

SCALED FOR
11"X17" PAPER
HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

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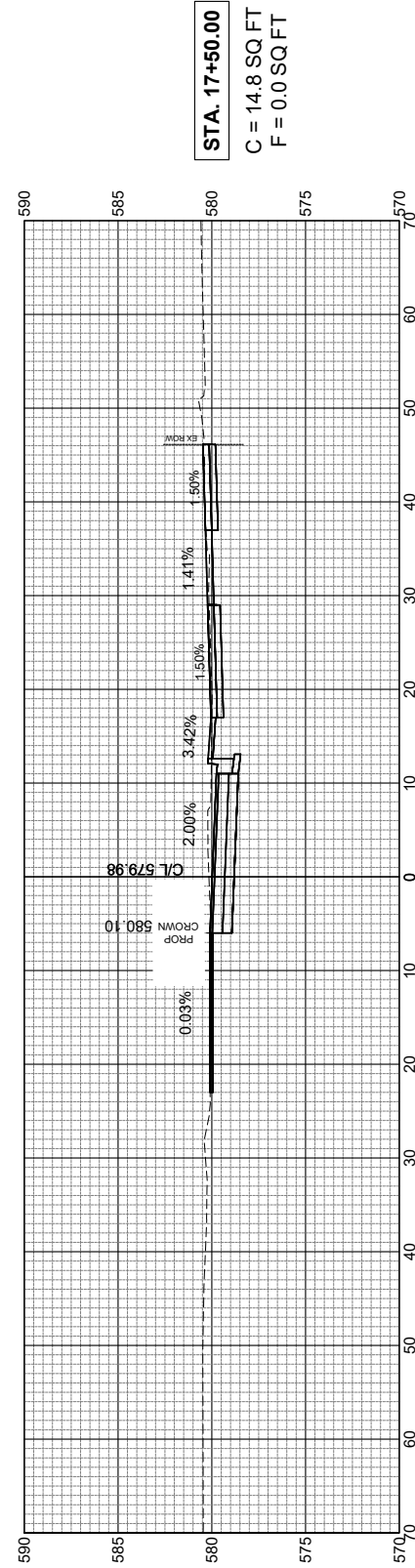
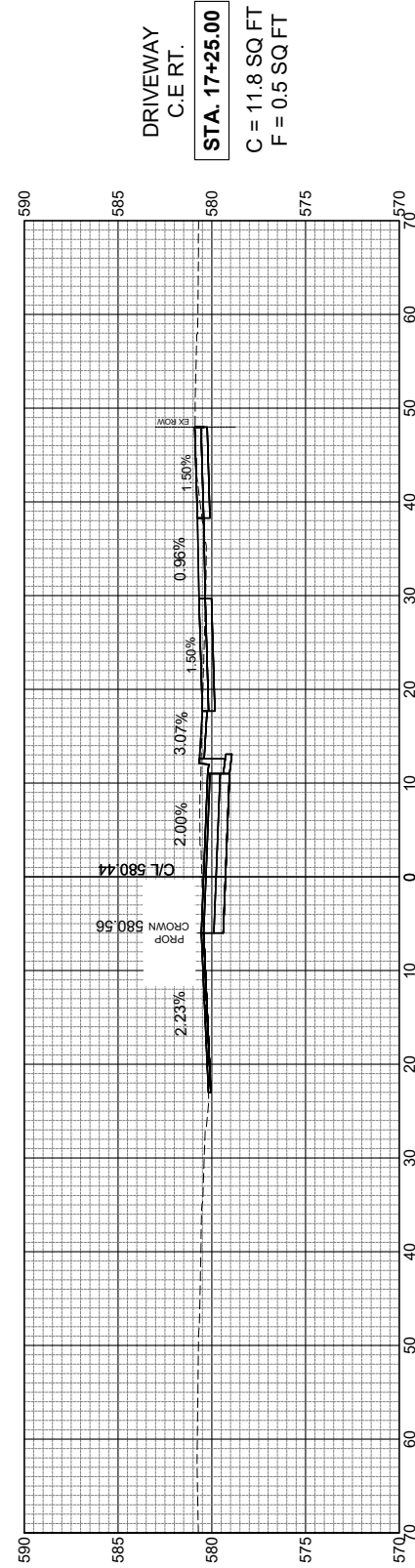
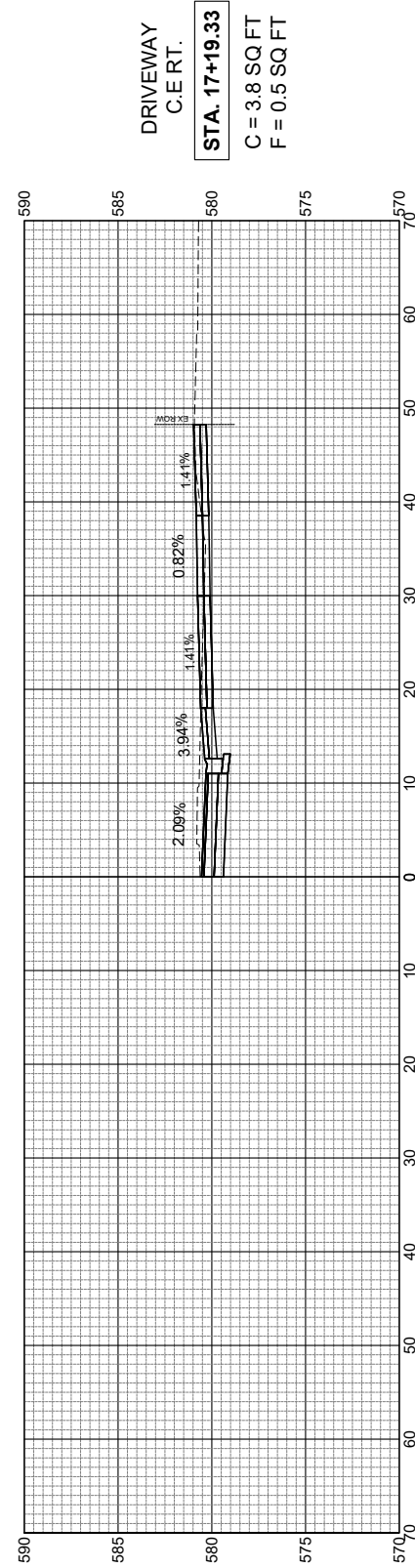
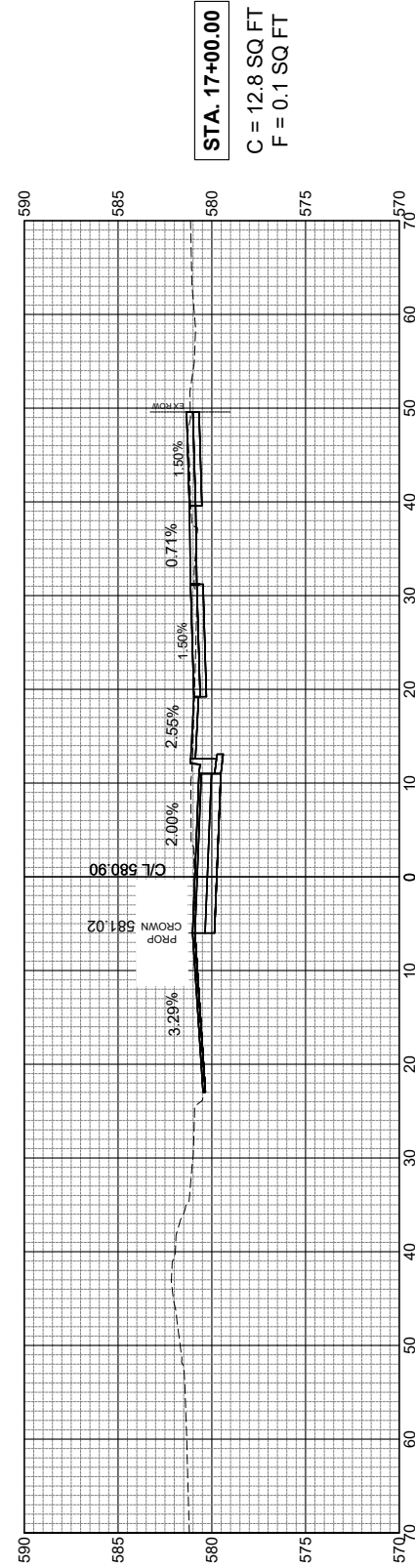
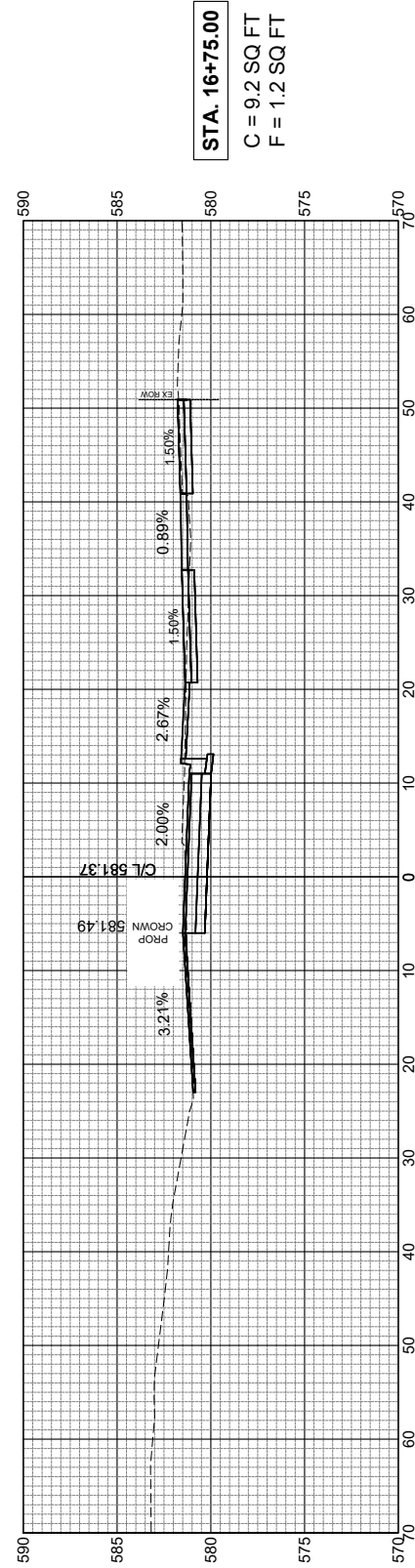
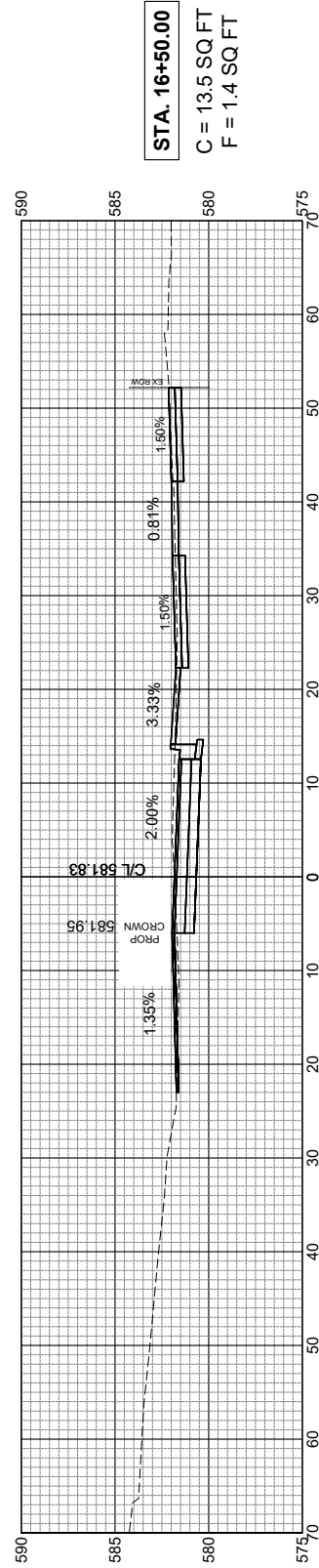


19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (3 of 10)

DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

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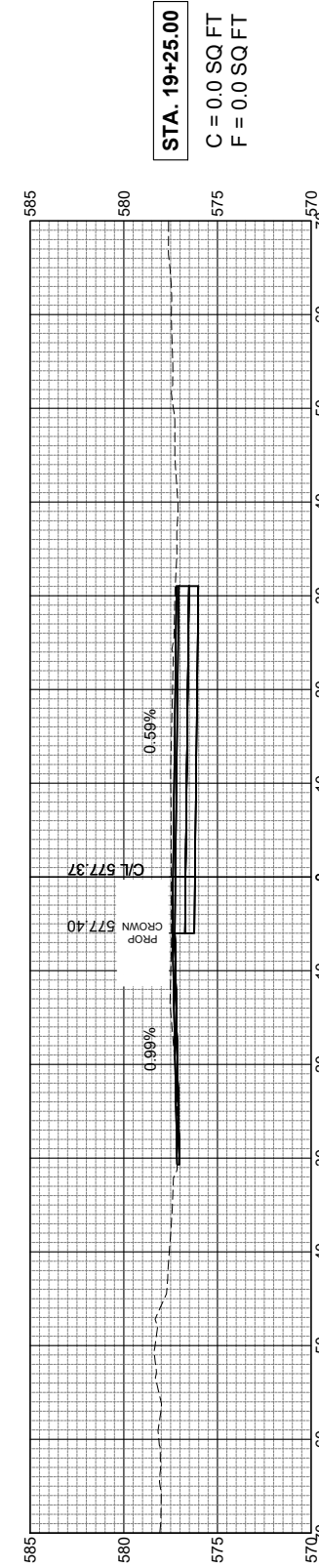
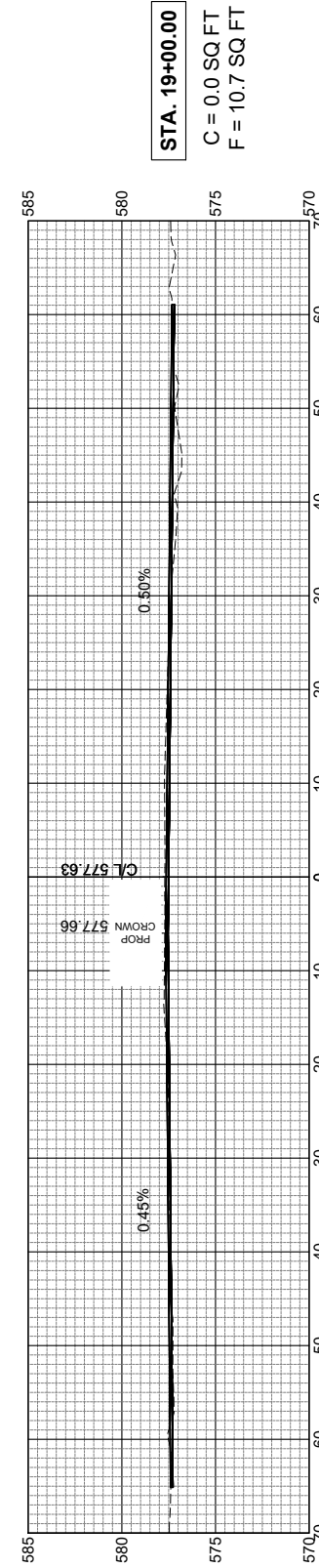
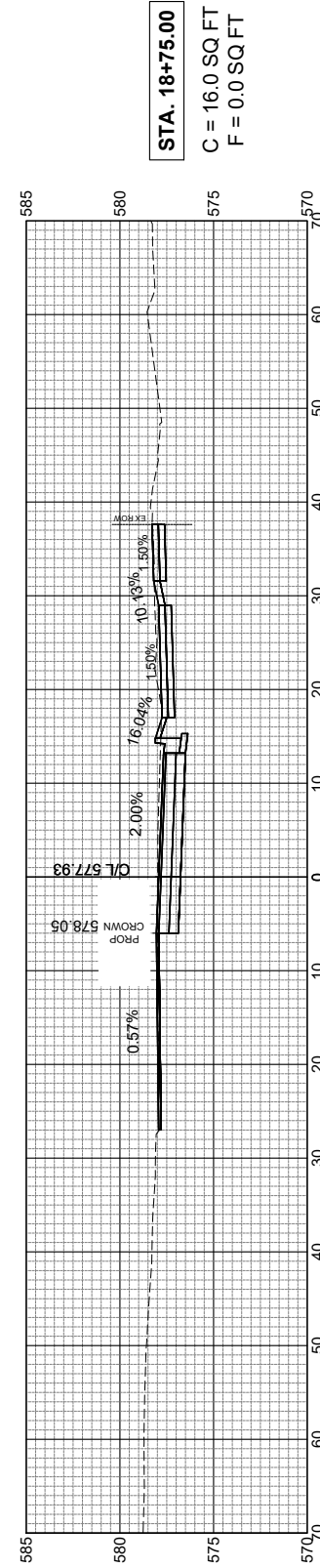
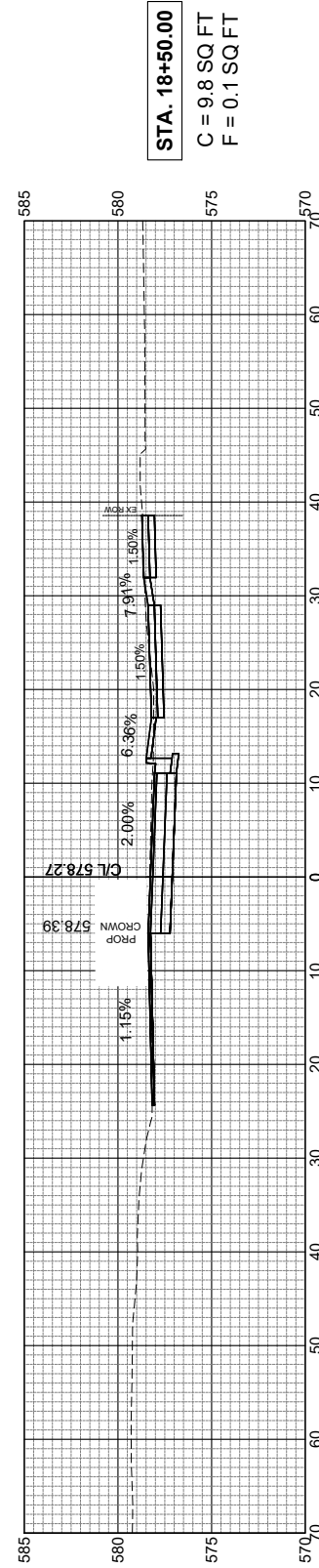
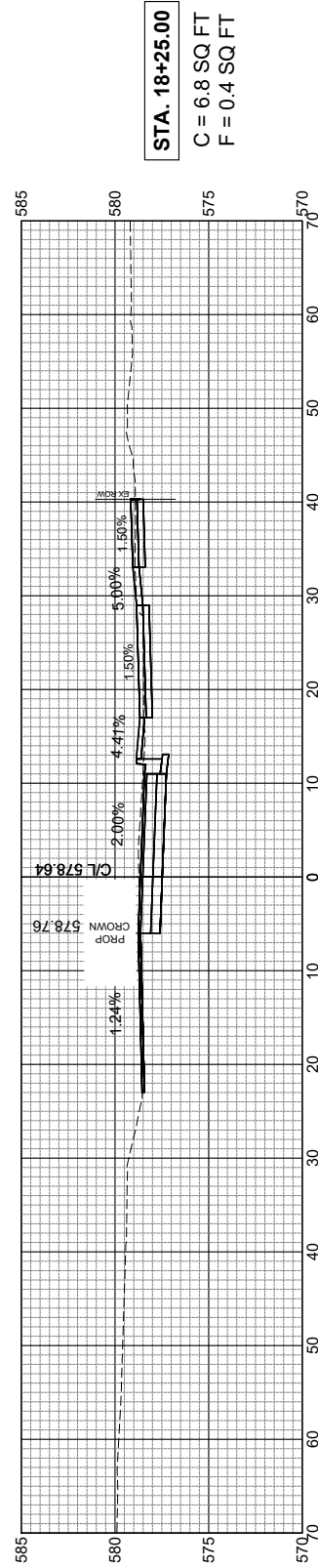
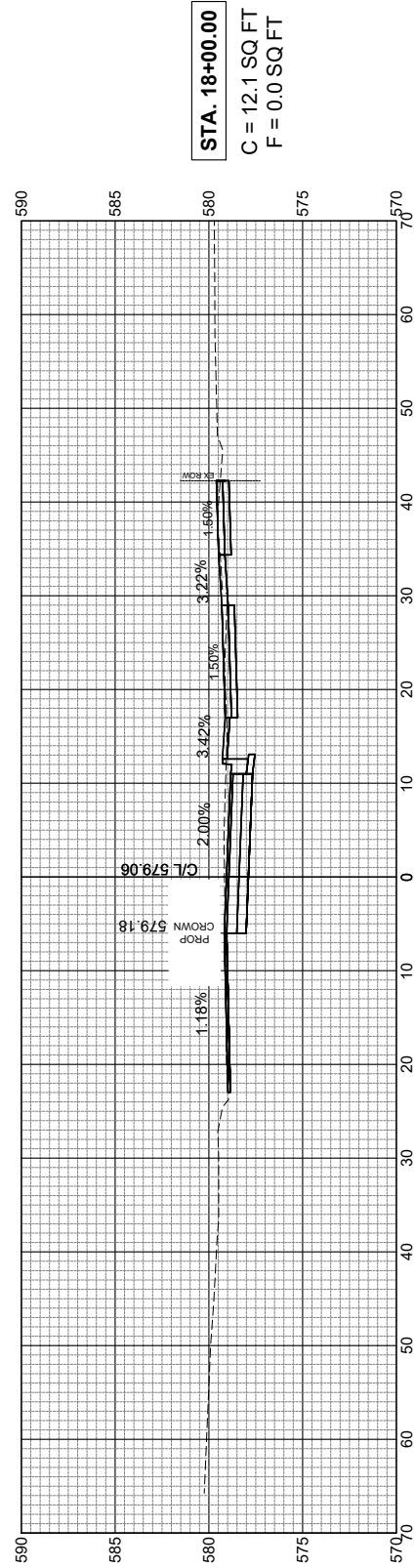
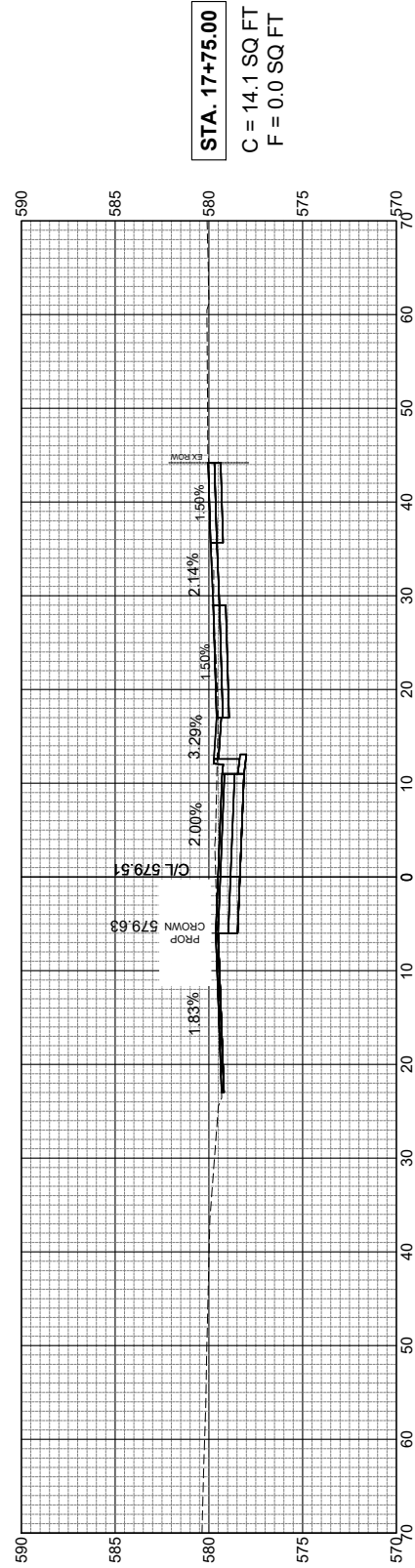
19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (4 of 10)

DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

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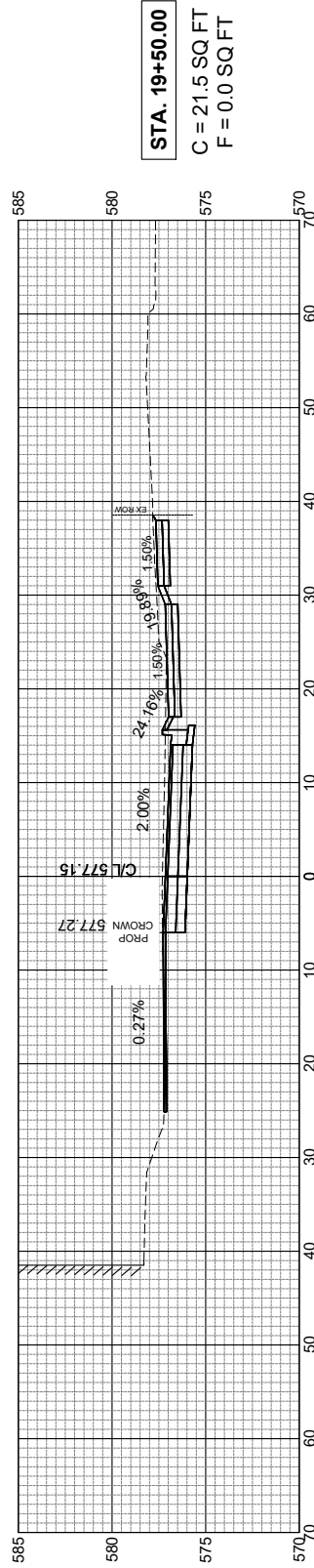


19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (5 of 10)

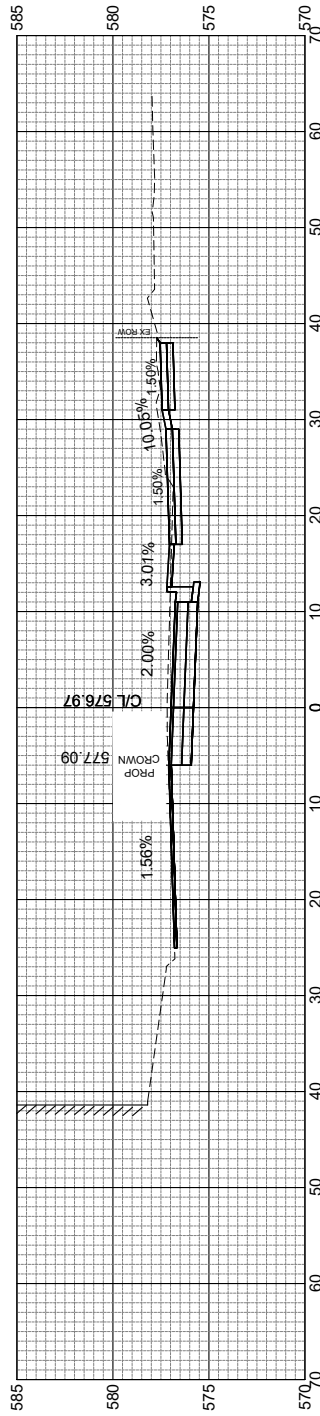
DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

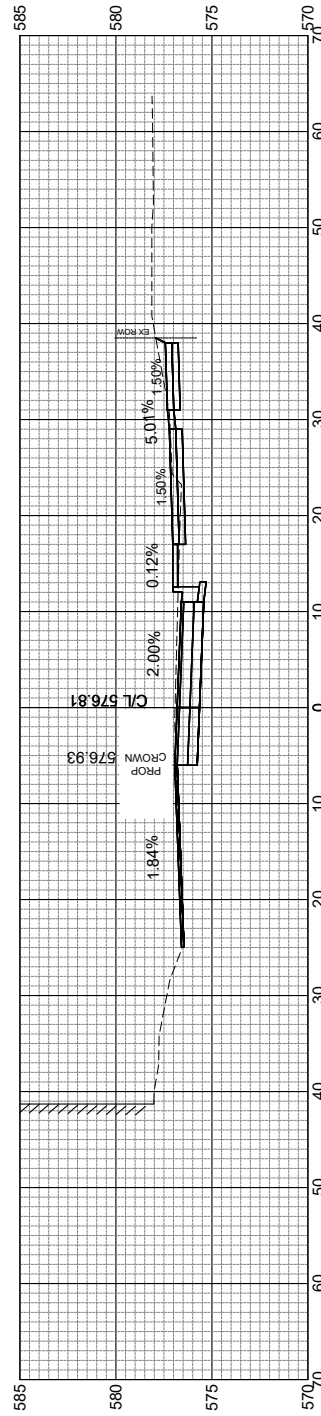
Date 05-22-23
 Project #4789
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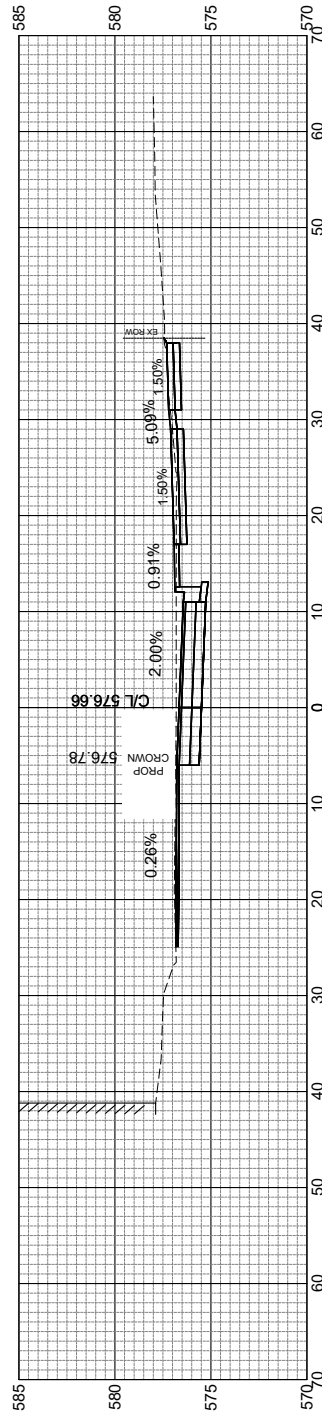
STA. 19+50.00
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F = 0.0 SQ FT



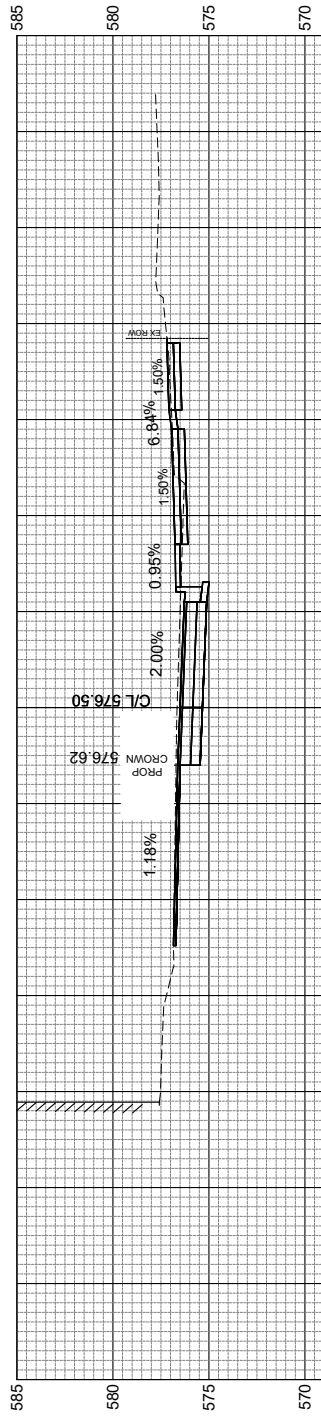
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F = 0.0 SQ FT



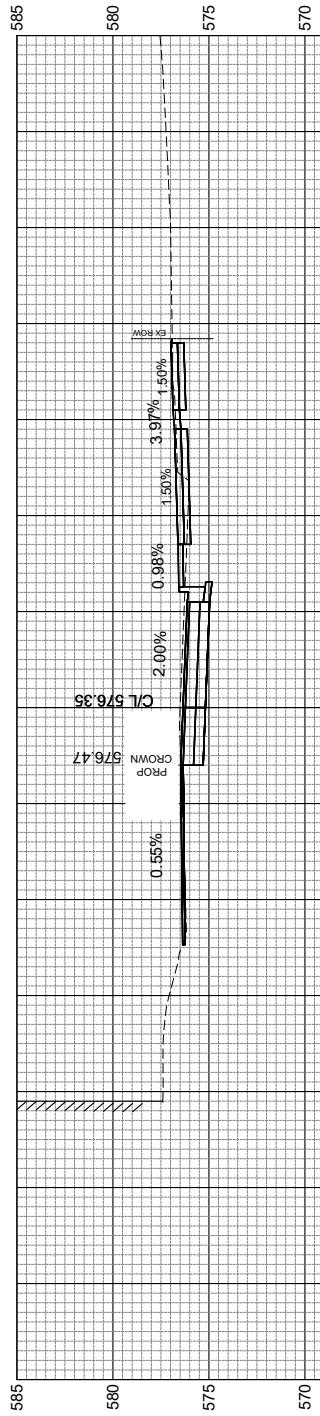
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F = 0.3 SQ FT



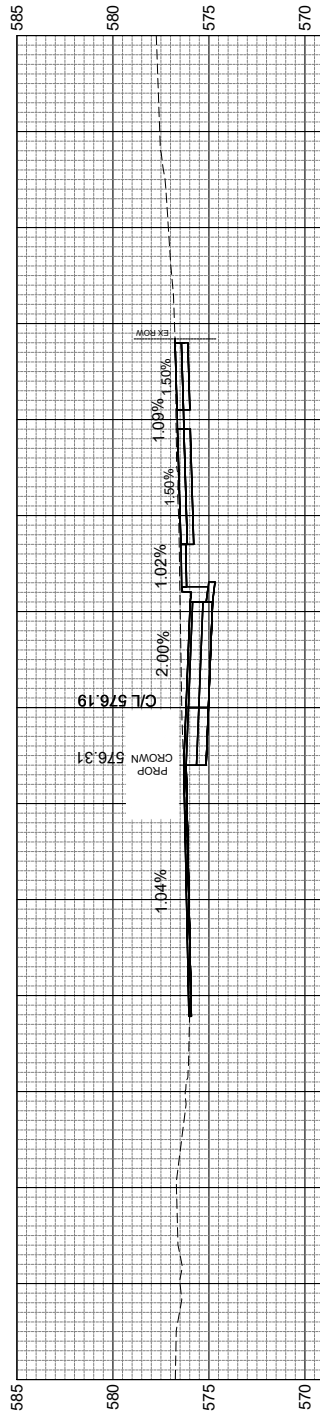
STA. 20+25.00
C = 14.0 SQ FT
F = 0.0 SQ FT



STA. 20+50.00
C = 9.6 SQ FT
F = 0.3 SQ FT



STA. 20+75.00
C = 5.6 SQ FT
F = 0.9 SQ FT



STA. 21+00.00
C = 18.1 SQ FT
F = 0.0 SQ FT



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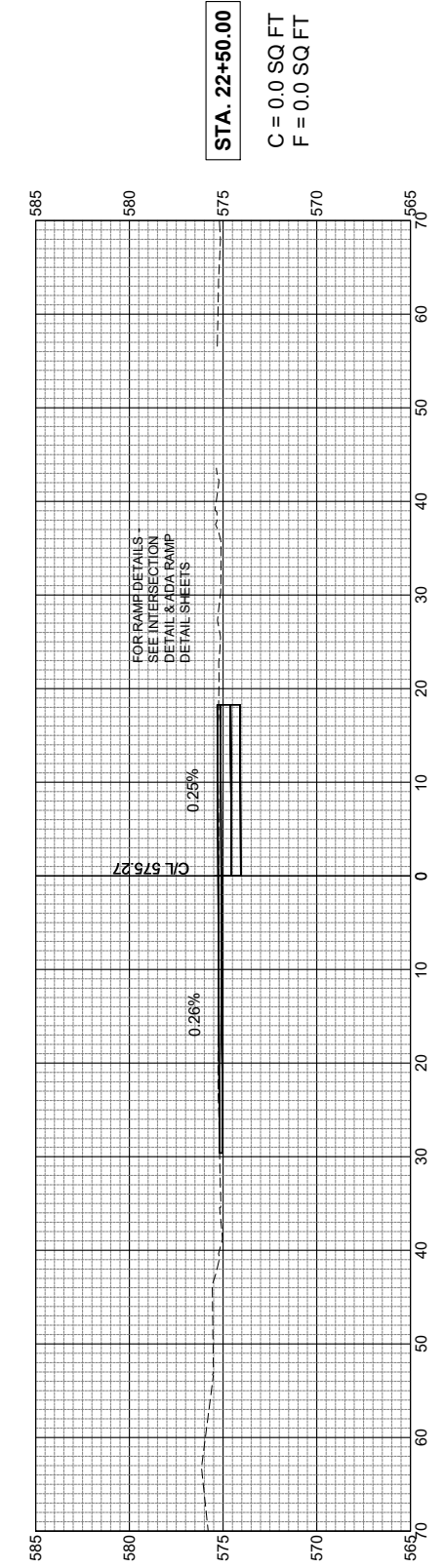
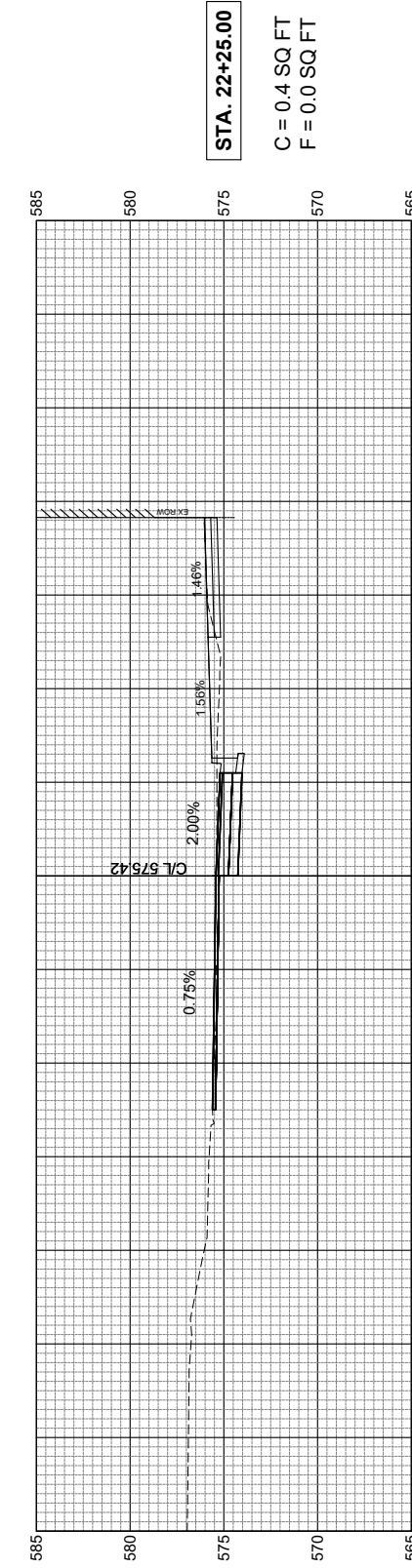
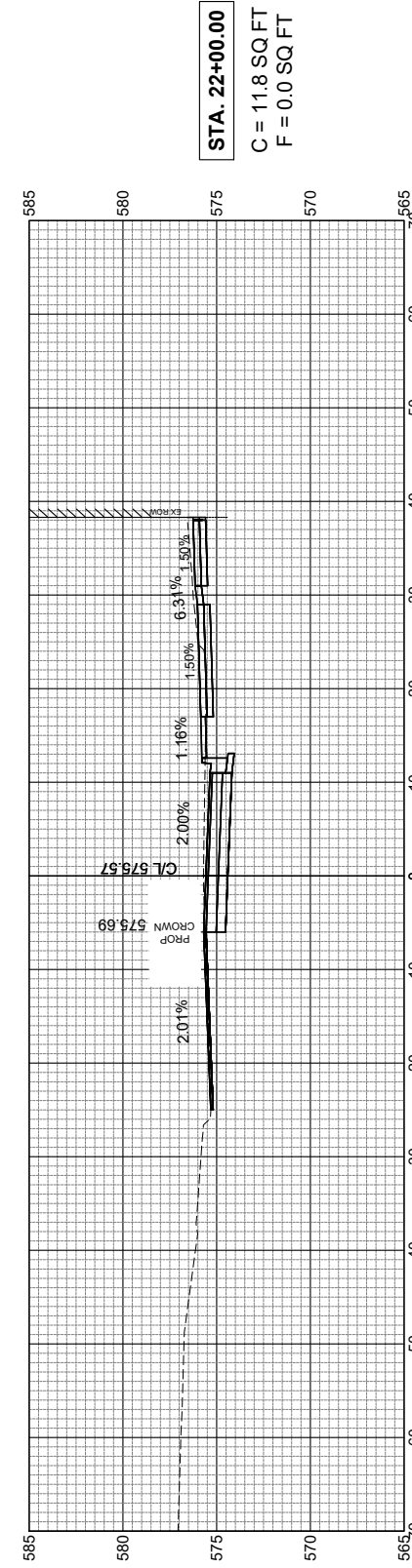
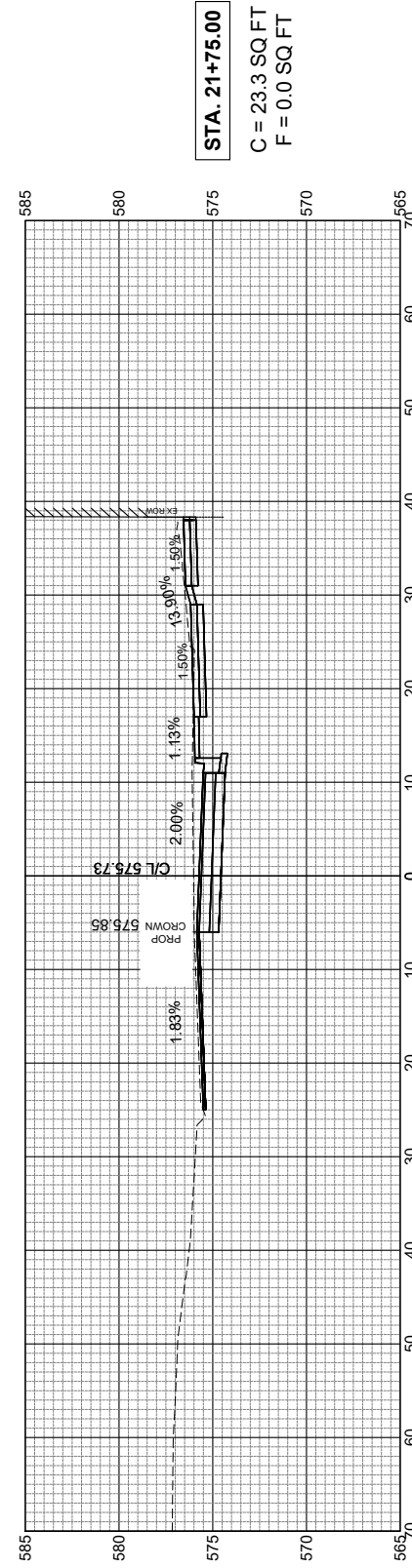
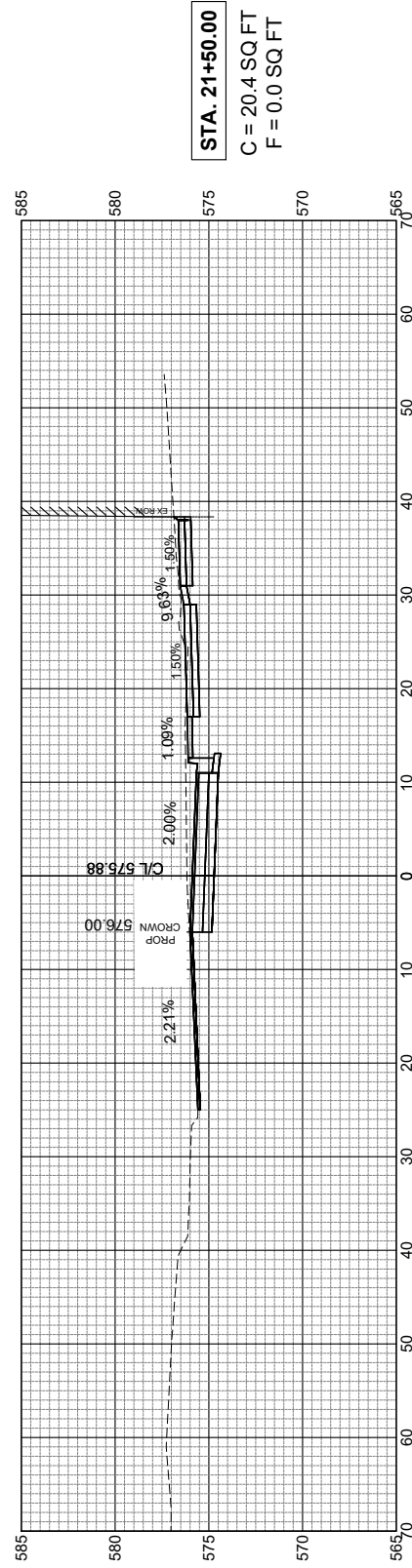
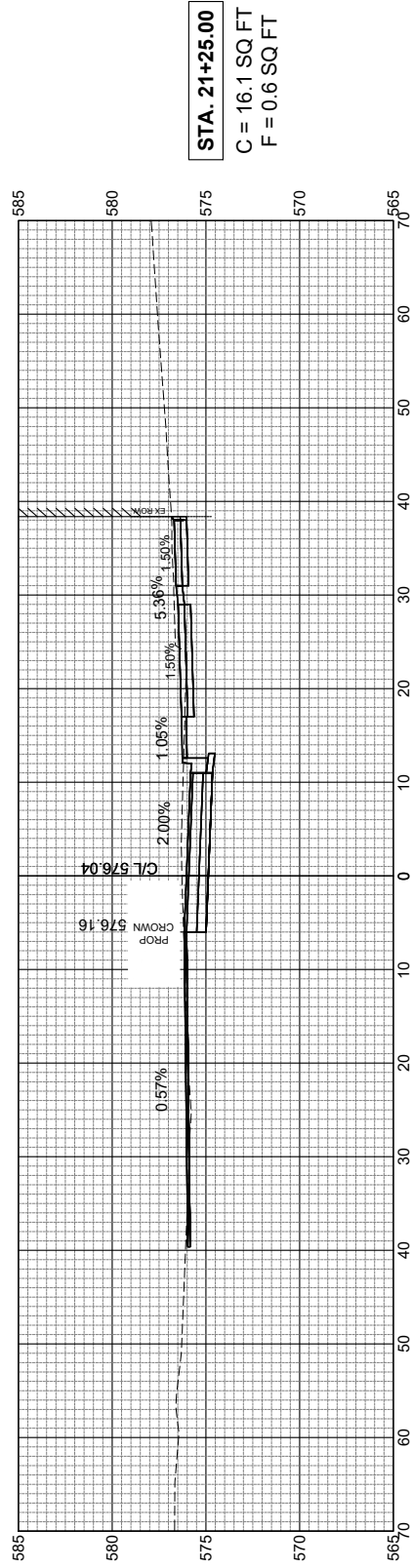
19TH ST. BIKEPATH
19TH ST. (NORTH SECTION)
CROSS SECTIONS (6 of 10)

DATE	REVISION

SCALED FOR
11"X17" PAPER
HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

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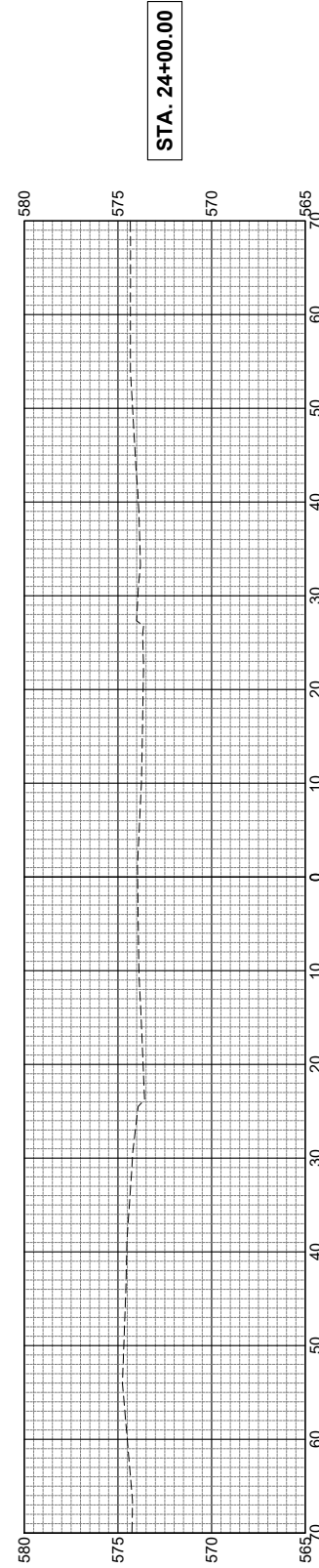
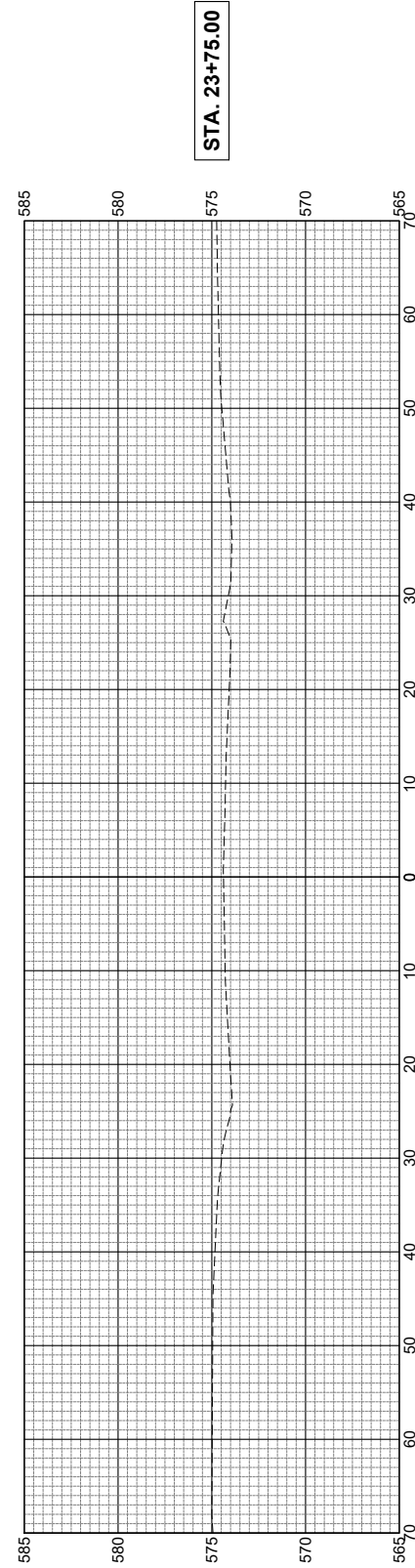
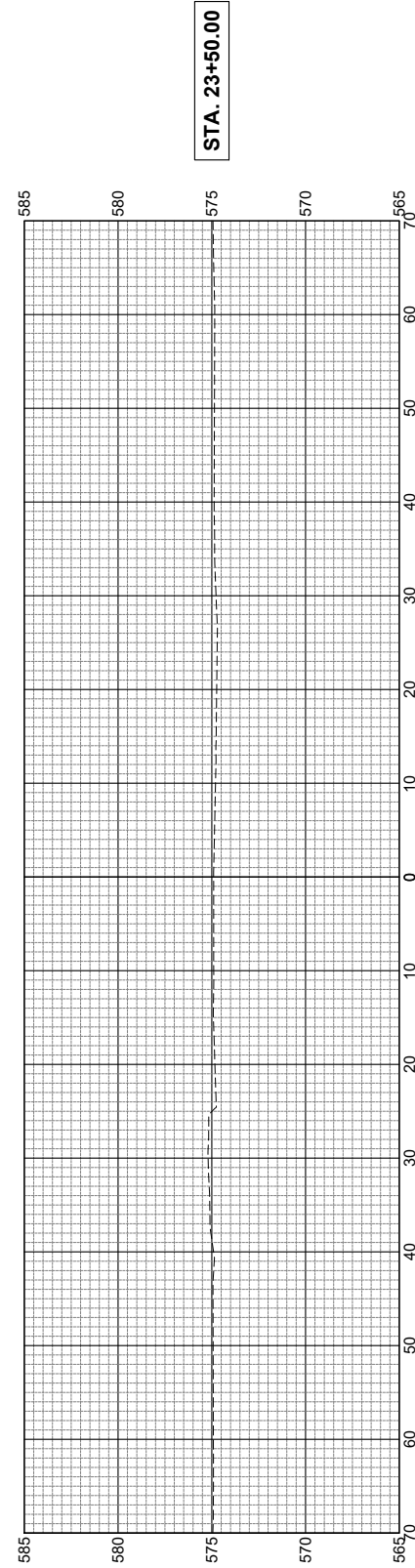
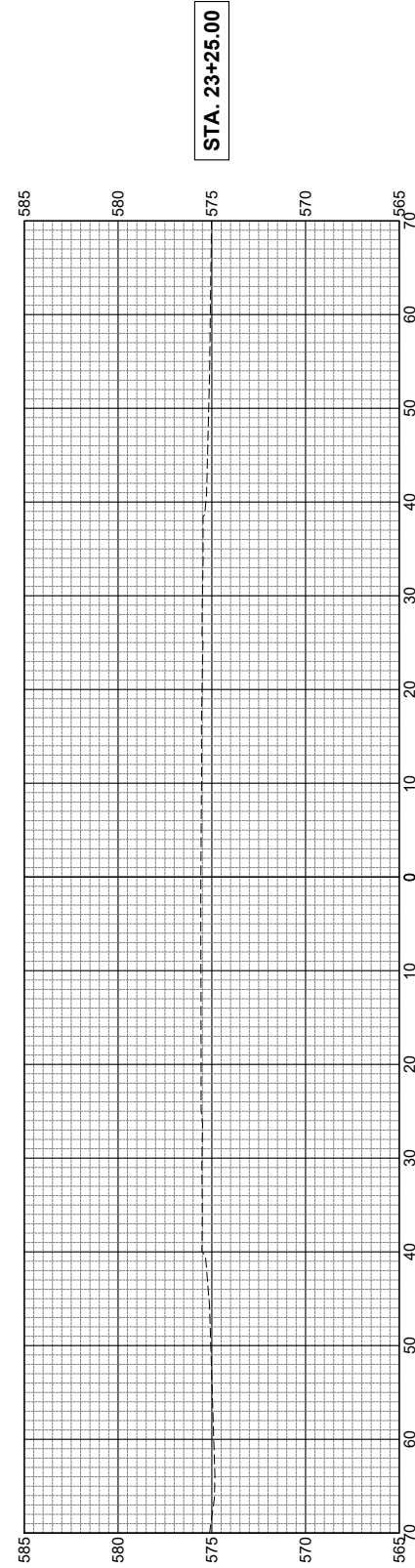
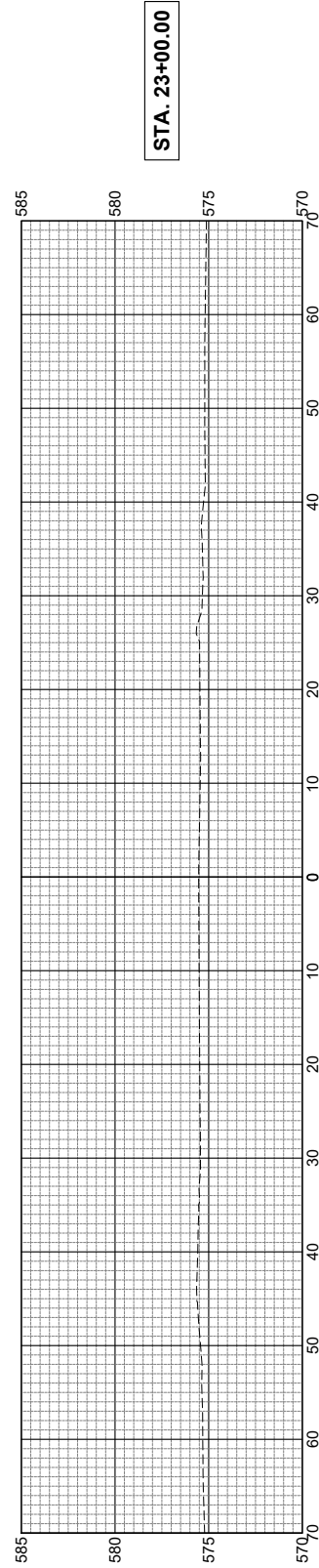
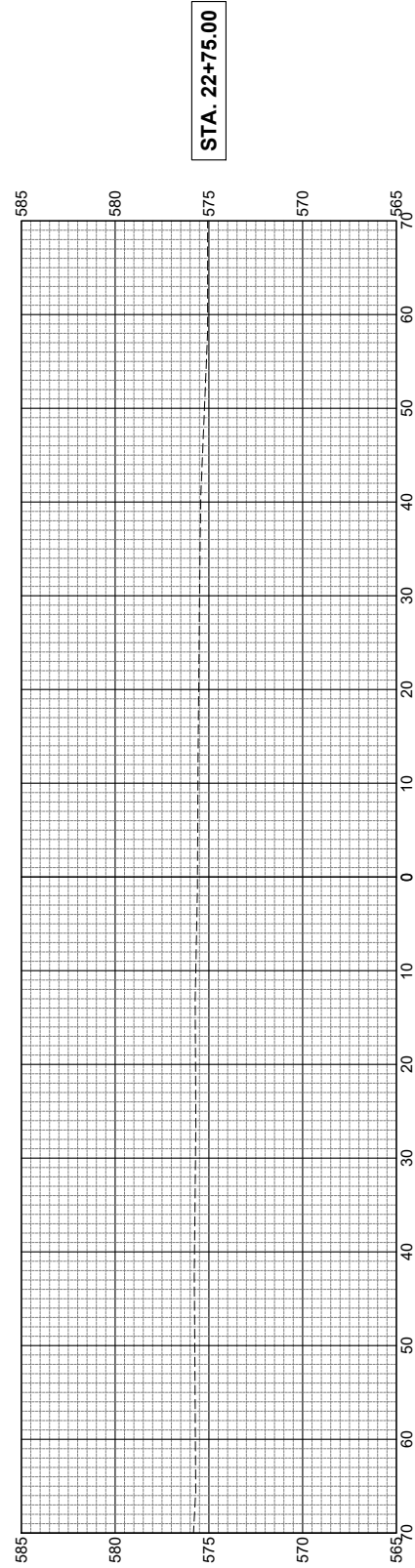


19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (7 of 10)

DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
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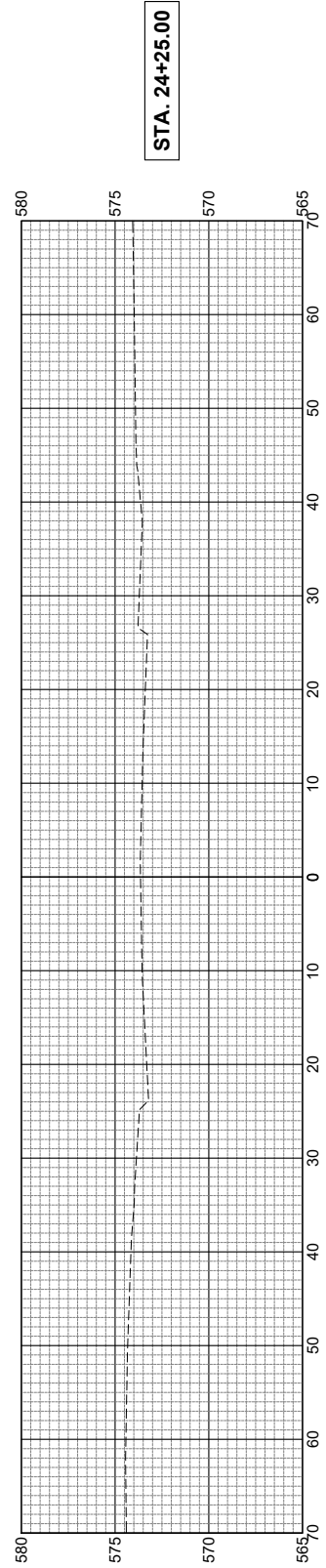


19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (8 of 10)

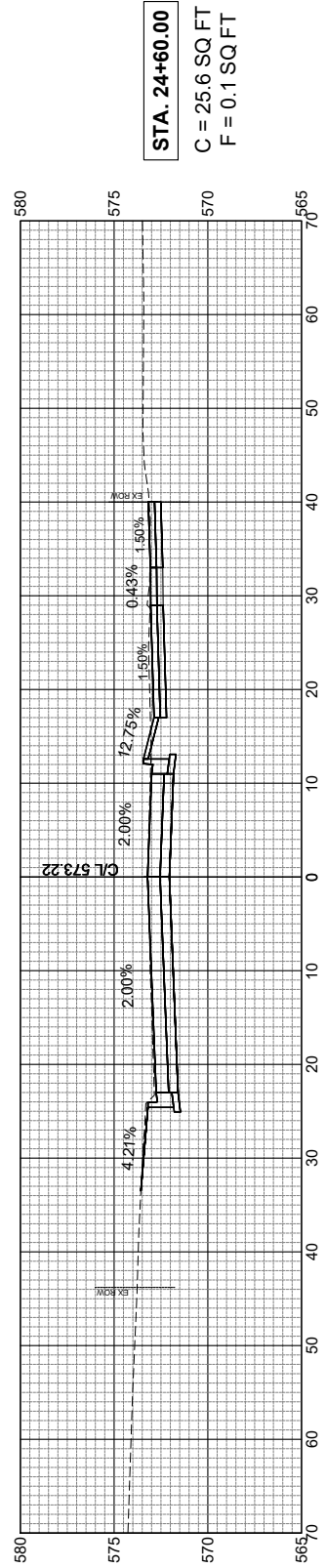
DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

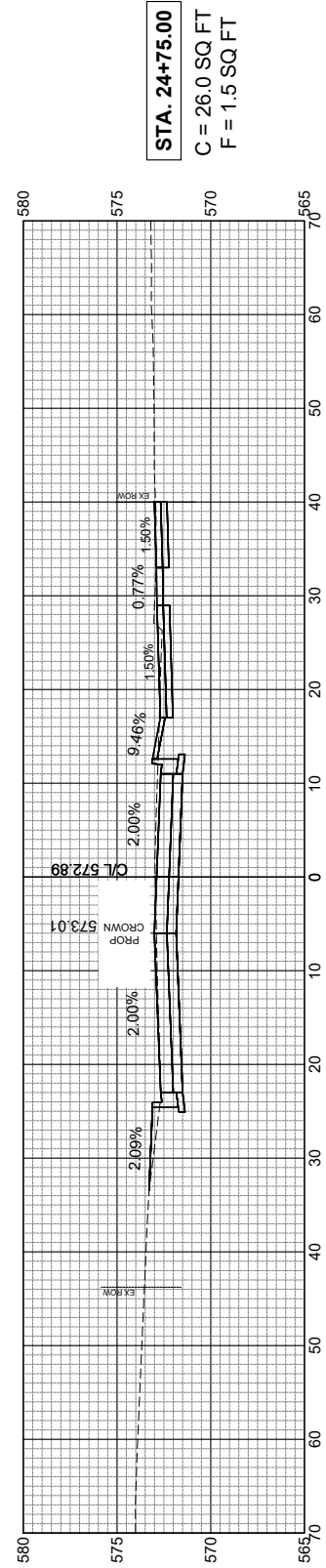
Date 05-22-23
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 Designer RMB



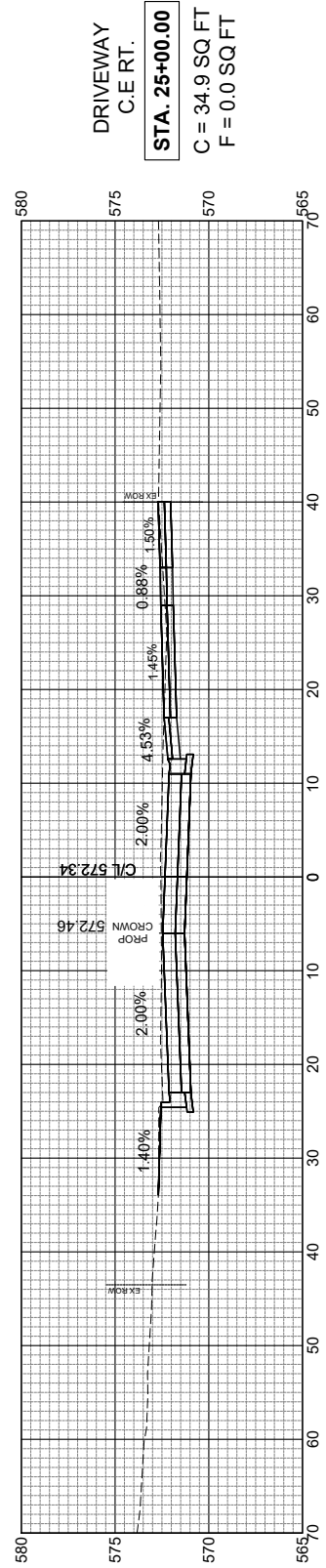
STA. 24+25.00



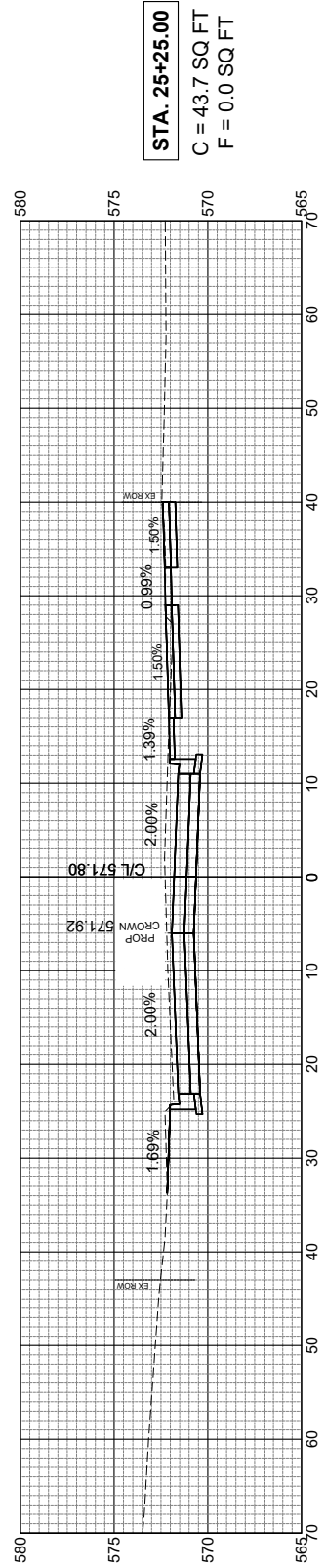
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F = 0.1 SQ FT



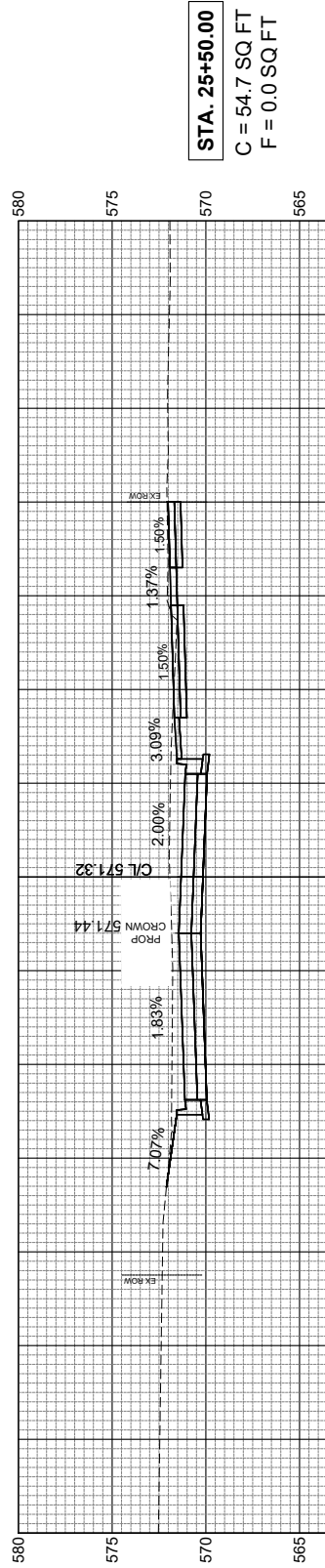
STA. 24+75.00
C = 26.0 SQ FT
F = 1.5 SQ FT



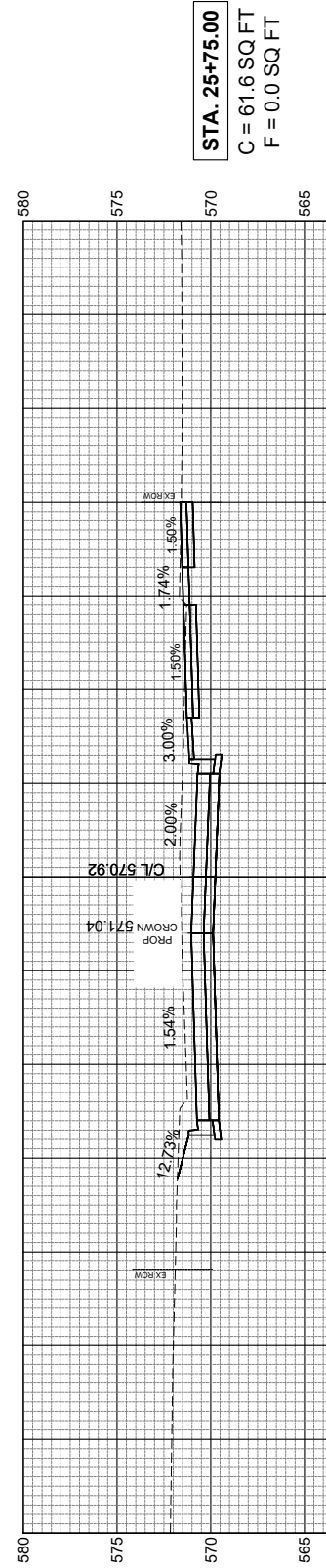
DRIVEWAY
C.E RT.
STA. 25+00.00
C = 34.9 SQ FT
F = 0.0 SQ FT



STA. 25+25.00
C = 43.7 SQ FT
F = 0.0 SQ FT



STA. 25+50.00
C = 54.7 SQ FT
F = 0.0 SQ FT



STA. 25+75.00
C = 61.6 SQ FT
F = 0.0 SQ FT



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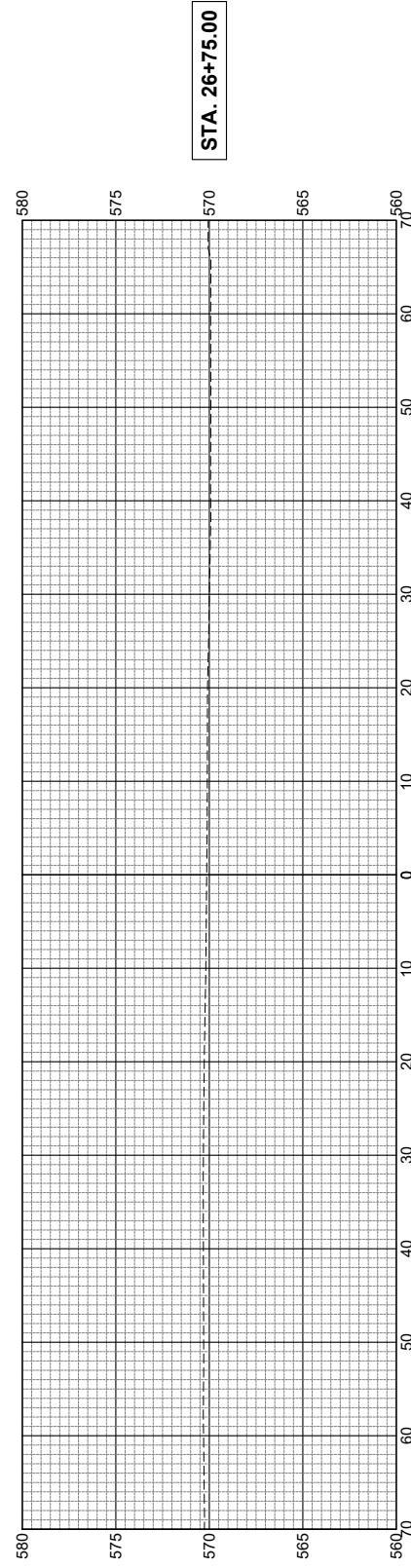
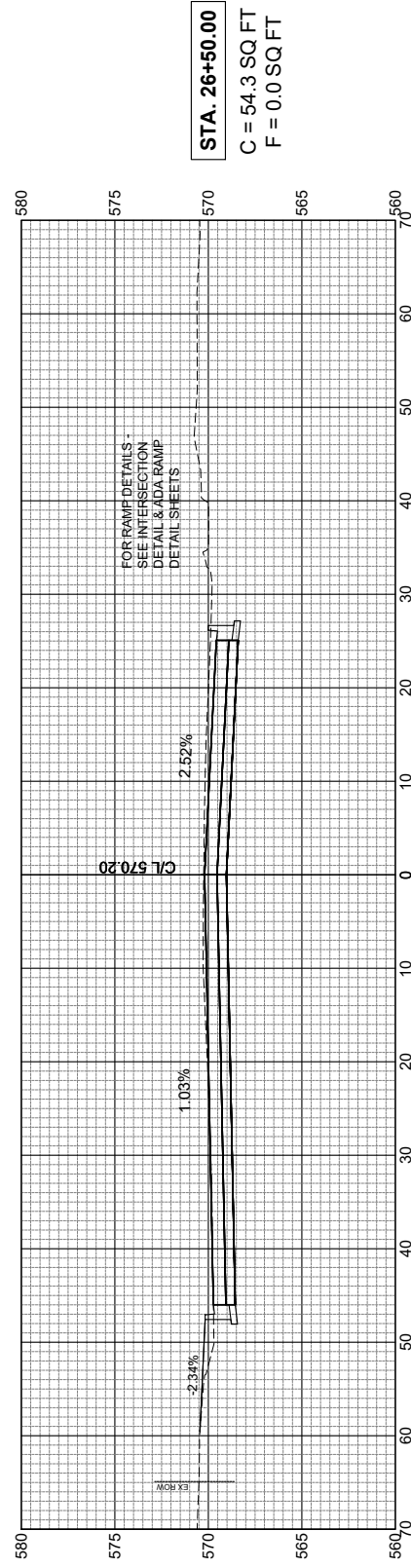
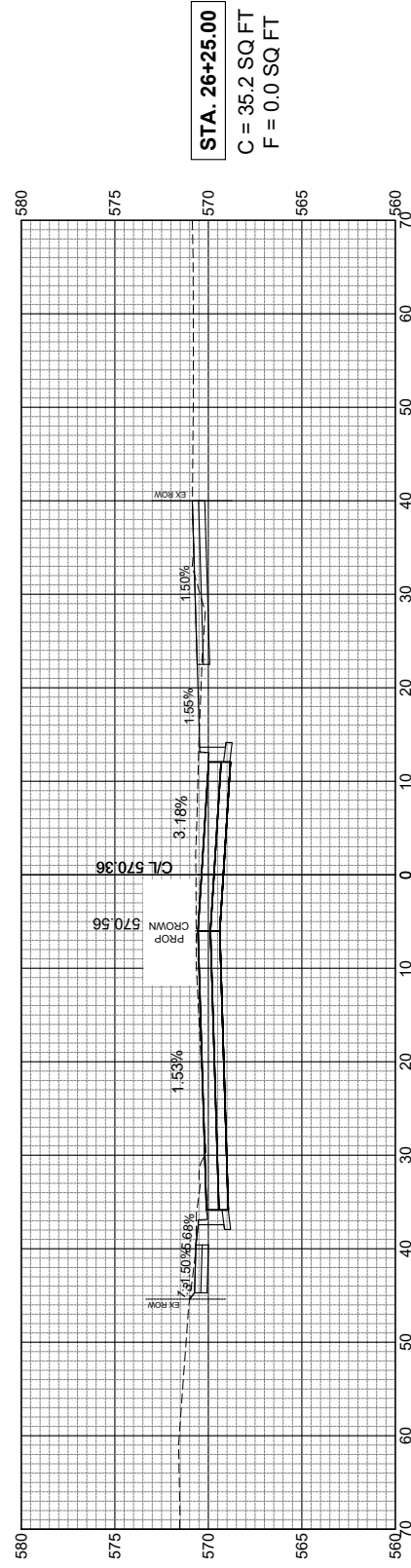
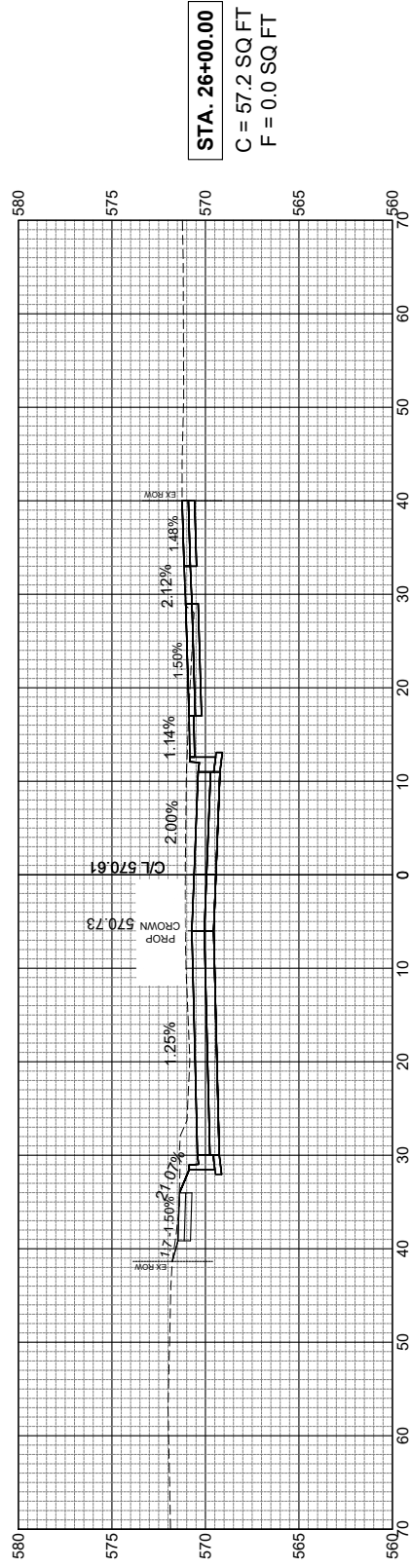
19TH ST. BIKEPATH
19TH ST. (NORTH SECTION)
CROSS SECTIONS (9 of 10)

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SCALED FOR
11"X17" PAPER
HORZ SCALE: 1" = 20'
VERT SCALE: 1" = 10'

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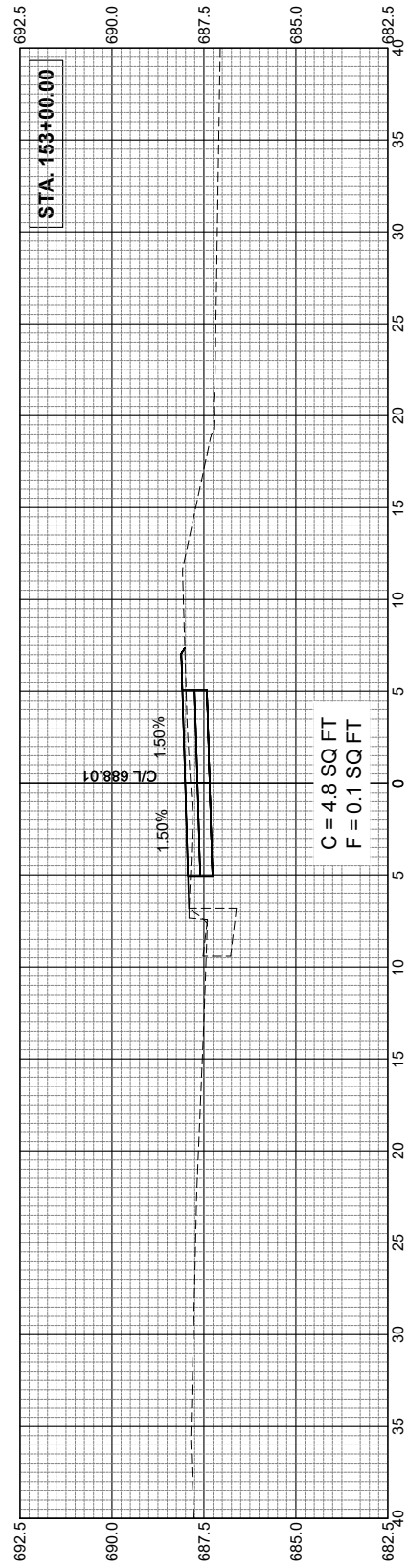
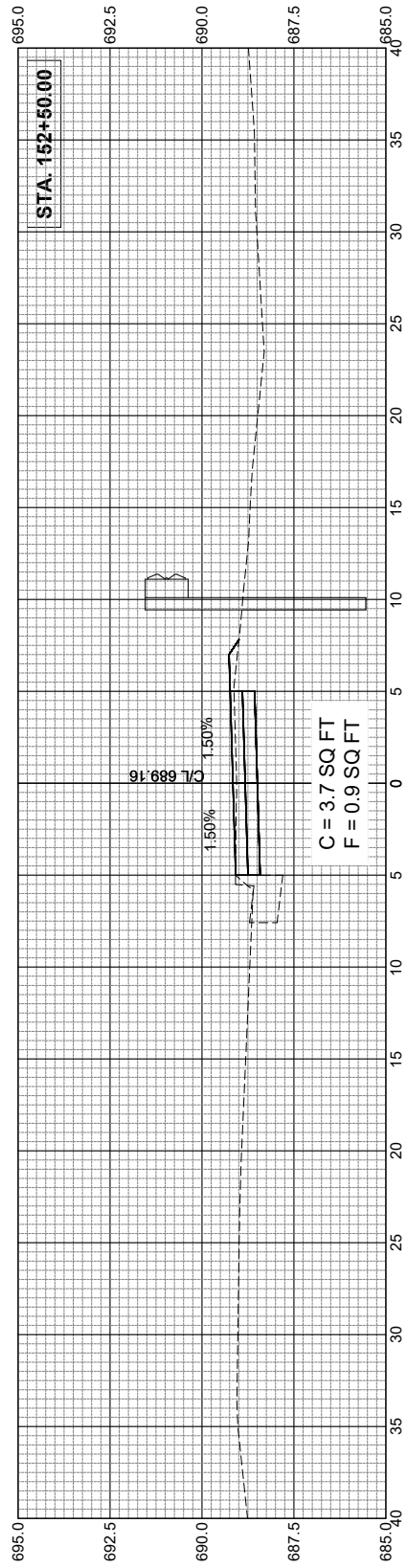
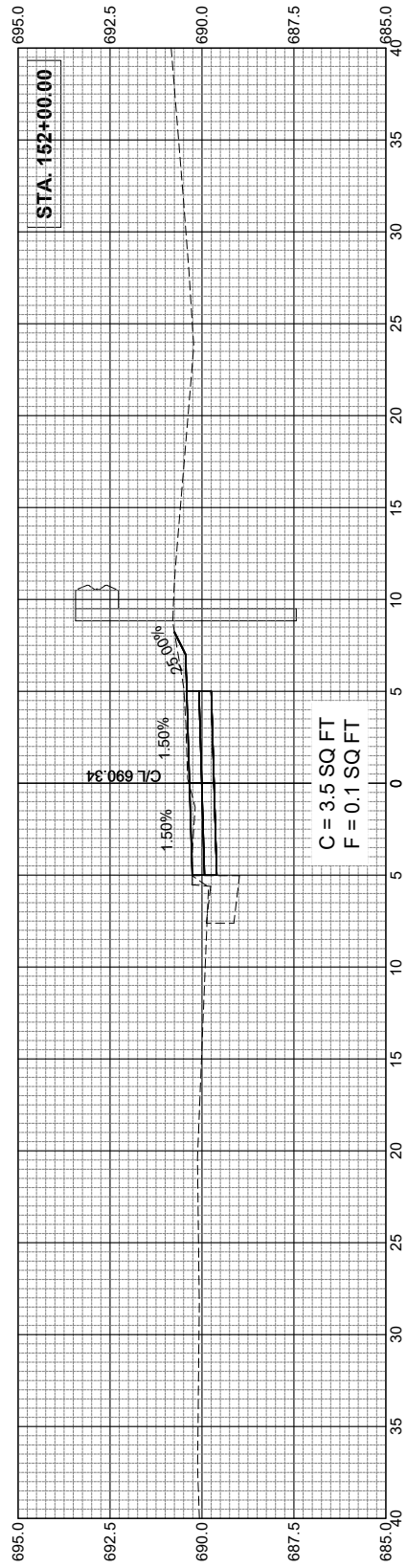
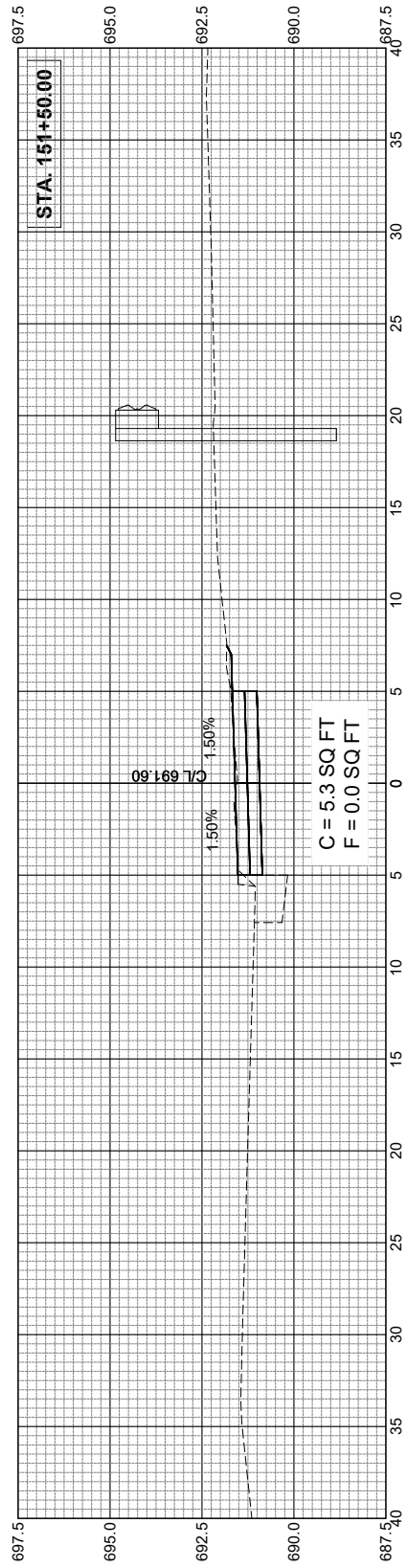
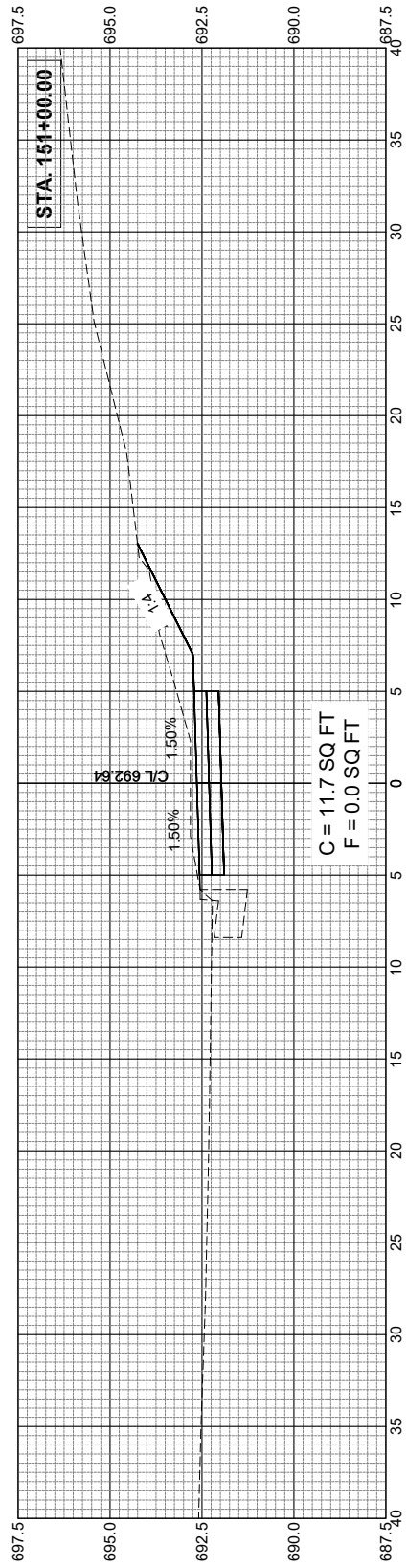
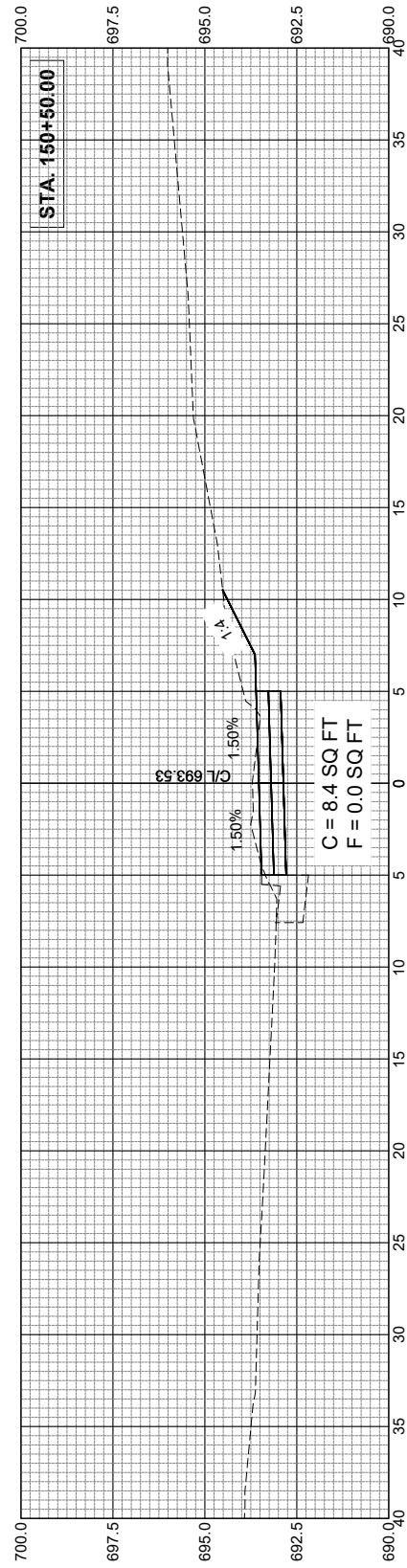


19TH ST. BIKEPATH
 19TH ST. (NORTH SECTION)
 CROSS SECTIONS (10 of 10)

DATE	REVISION

SCALED FOR
 11"X17" PAPER
 HORZ SCALE: 1" = 20'
 VERT SCALE: 1" = 10'

Date	05-22-23
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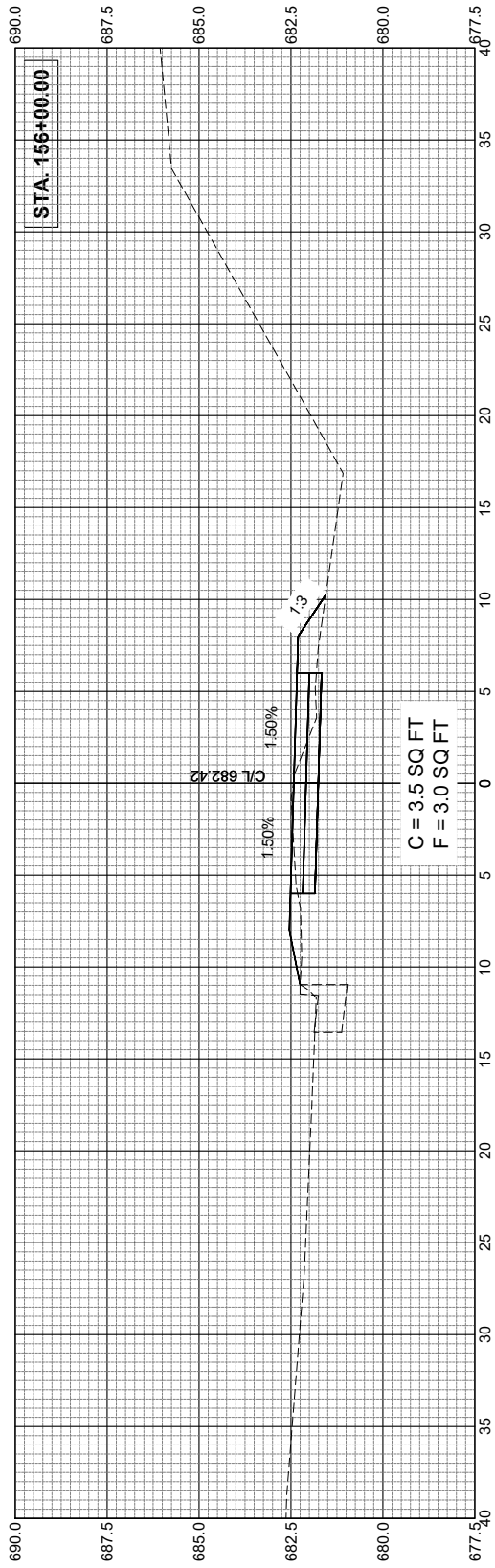
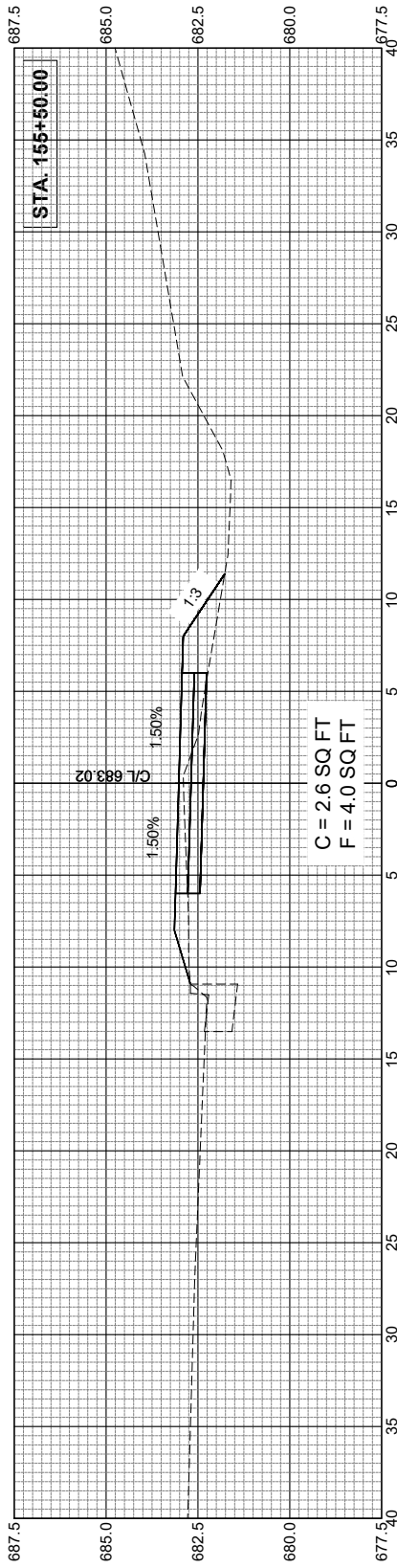
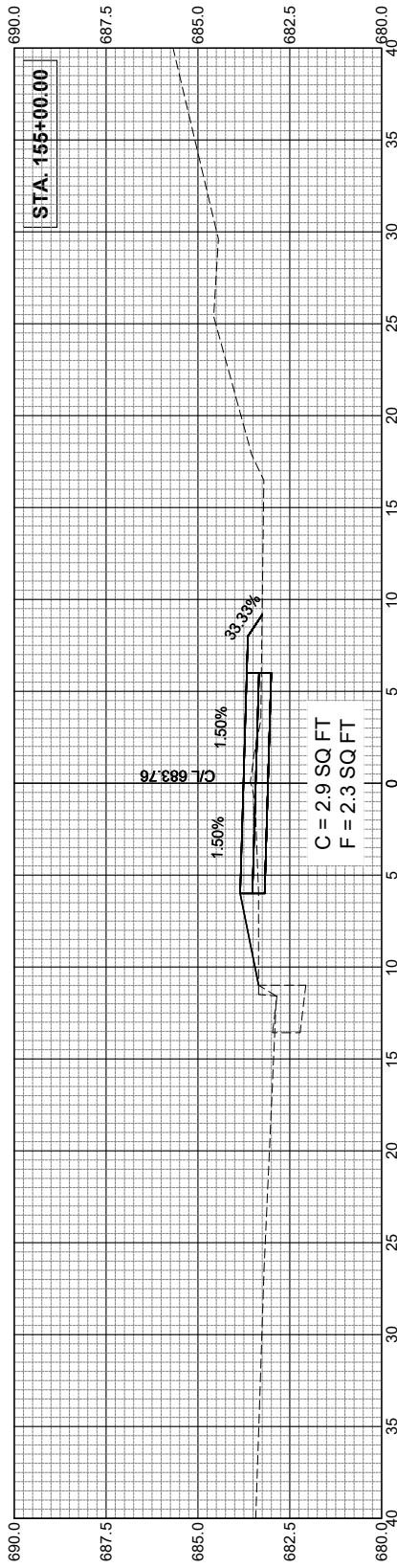
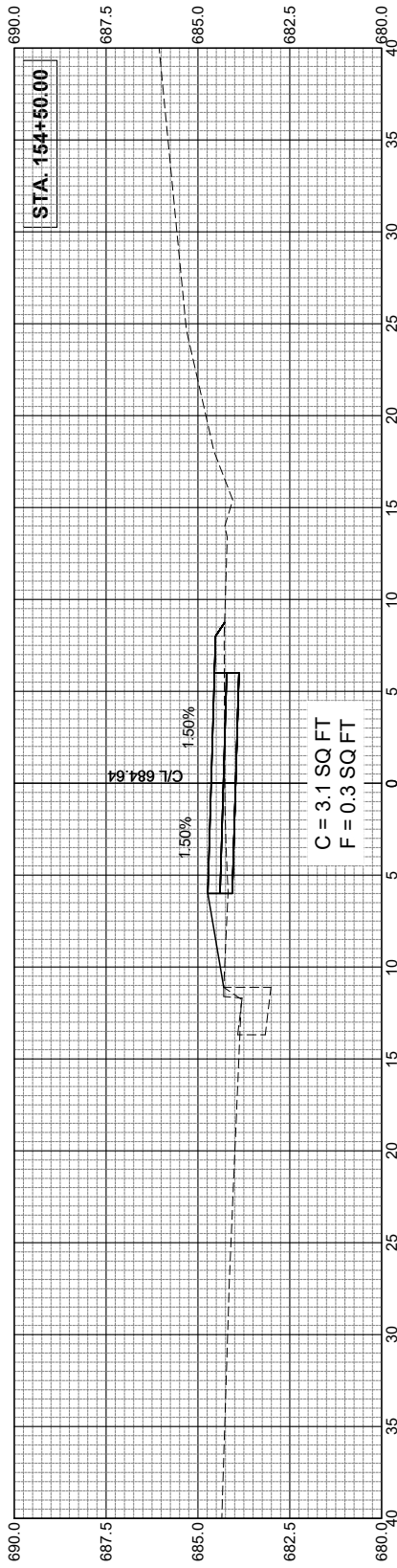
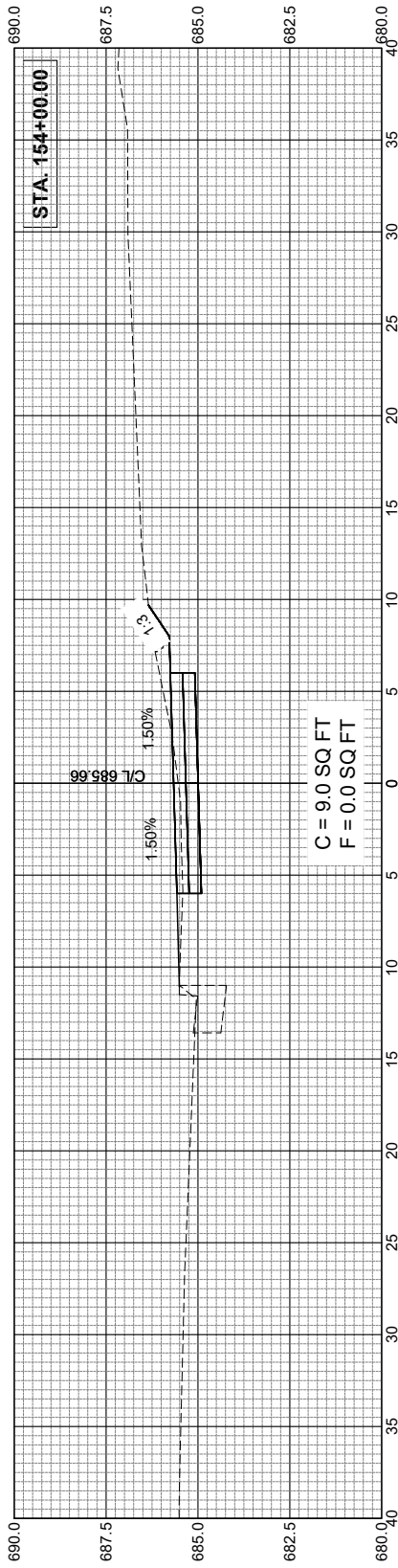
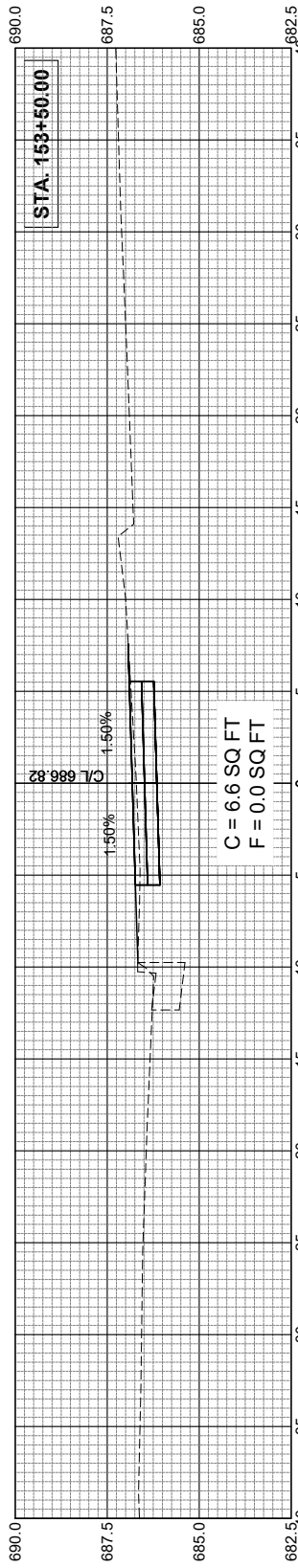
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (1 of 7)

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SCALED FOR
11"X17" PAPER
HORZ SCALE: 1" = 10'
VERT SCALE: 1" = 5'

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Project #4789
Designer RMB

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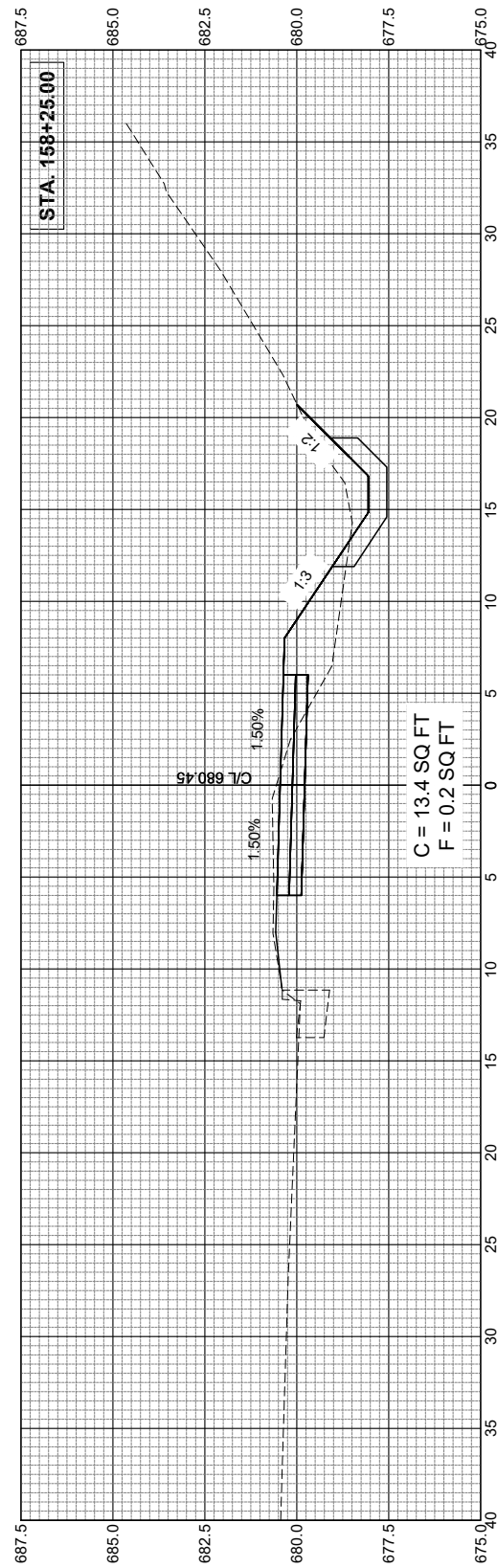
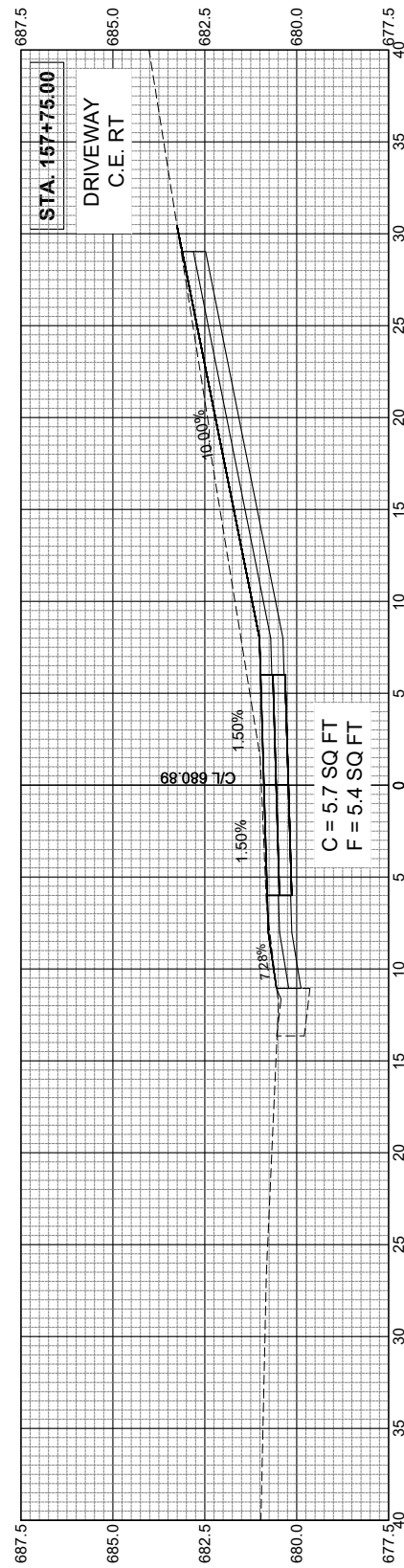
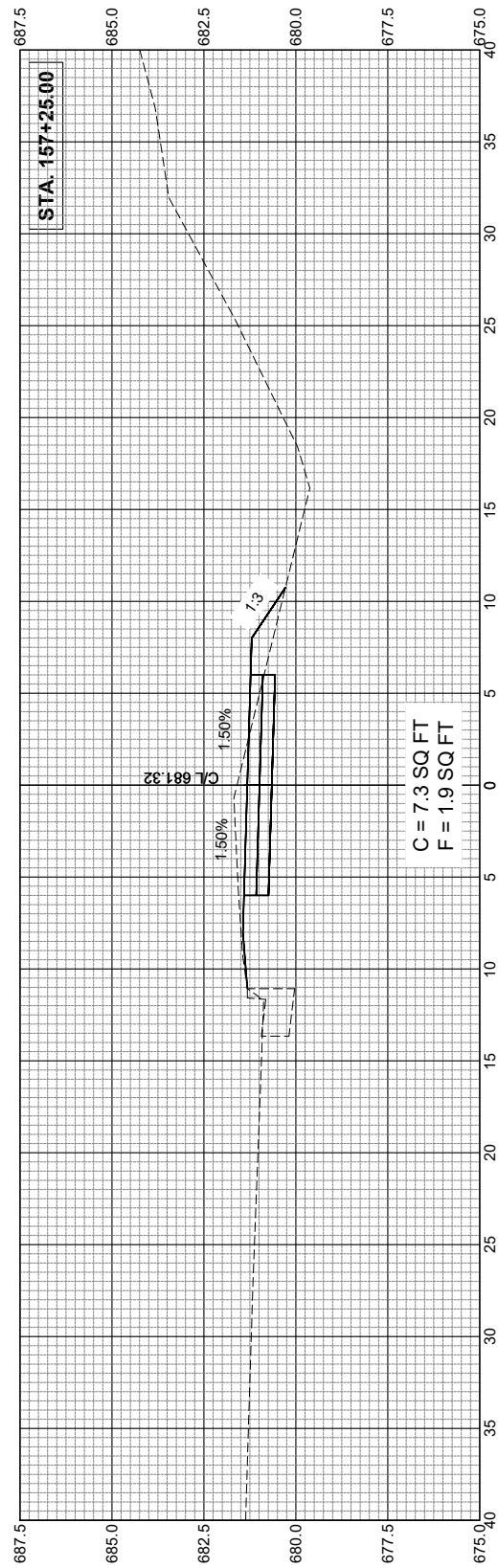
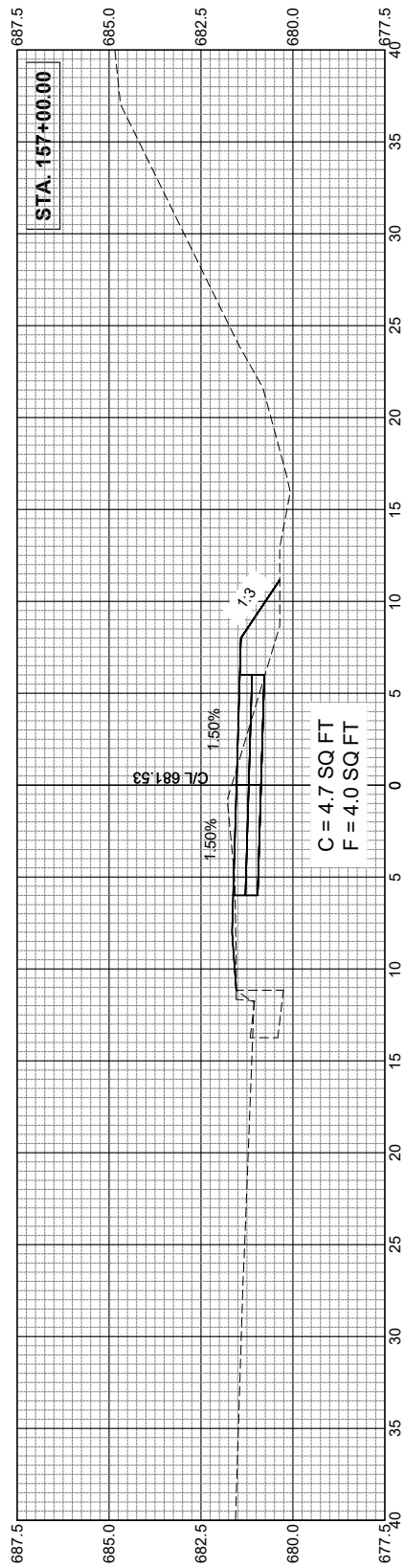
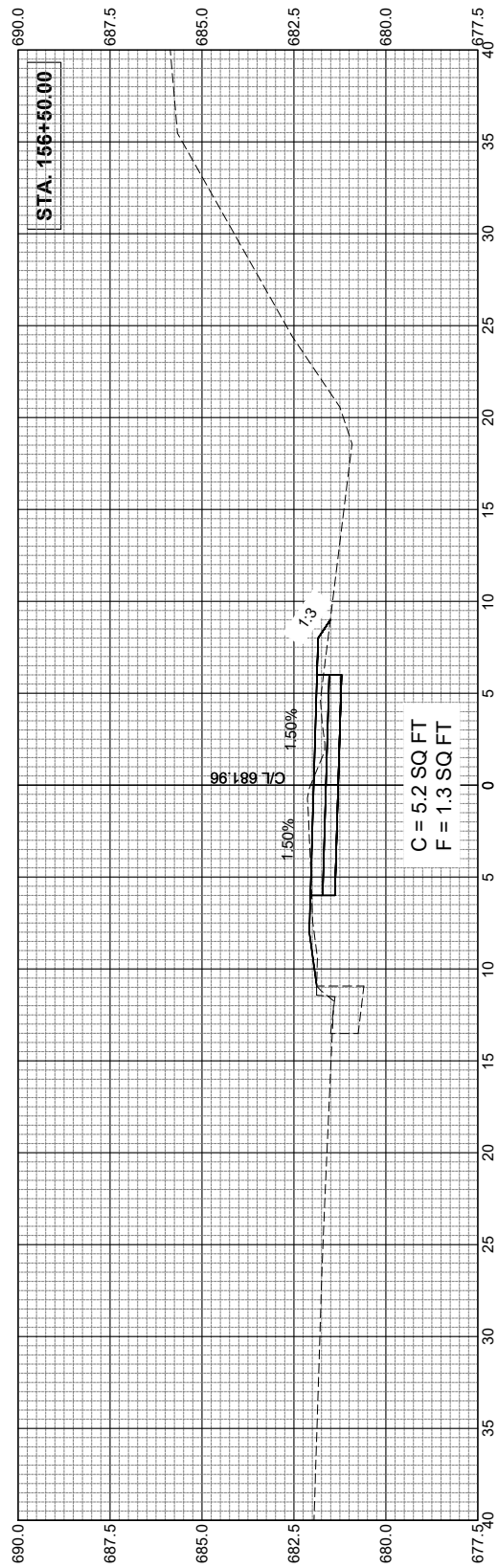
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (2 of 7)

DATE	REVISION

SCALED FOR
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HORZ SCALE: 1" = 10'
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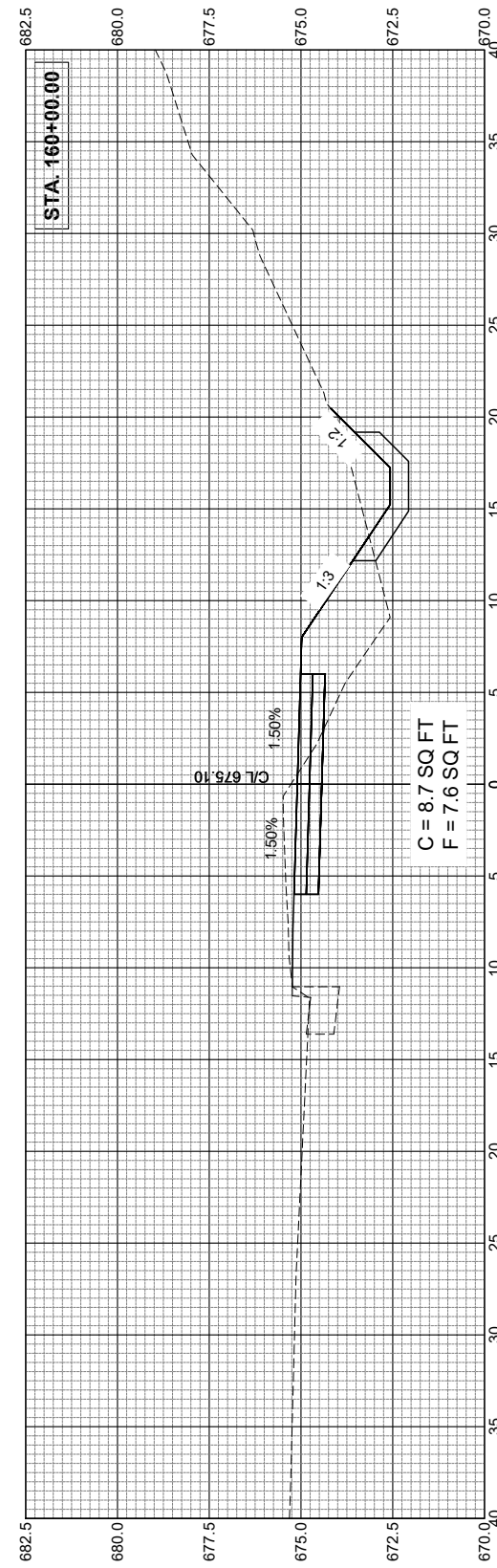
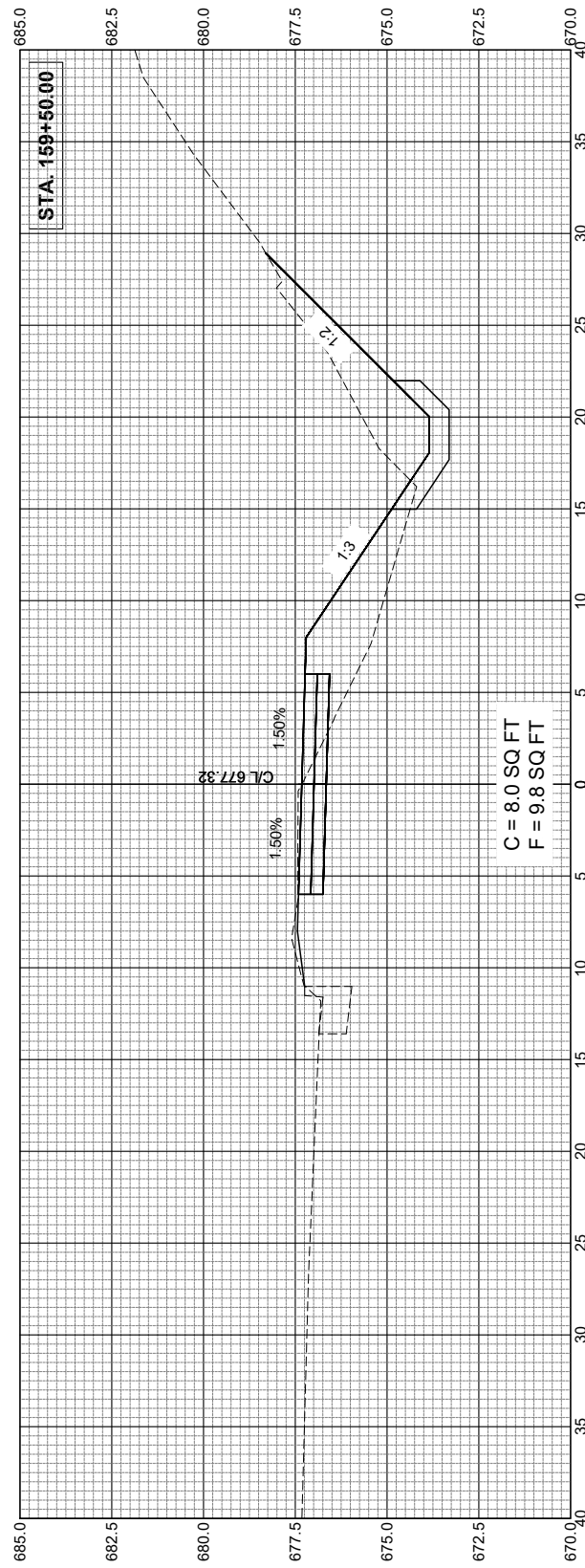
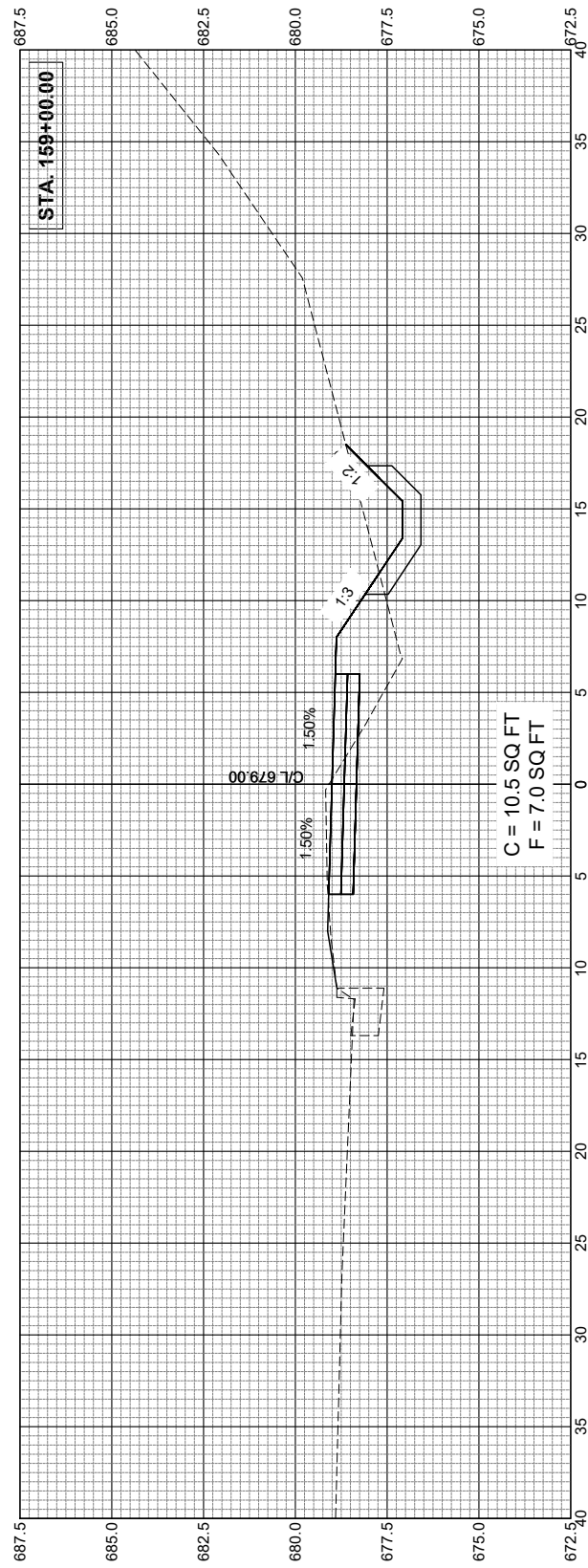
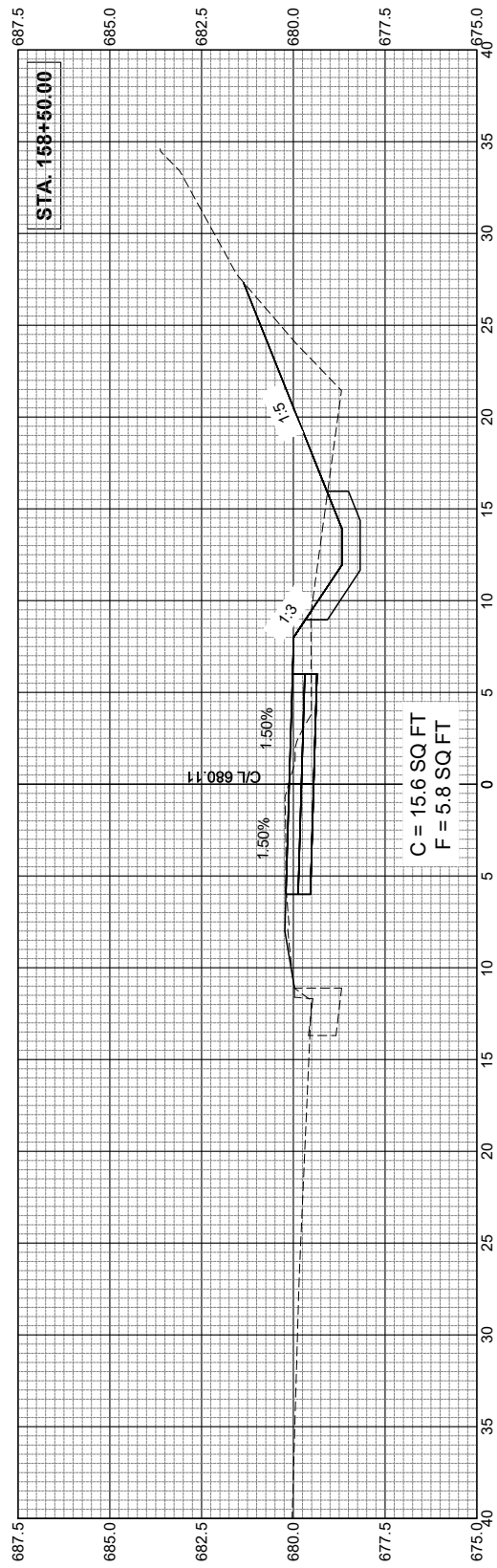
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (3 of 7)

DATE	REVISION

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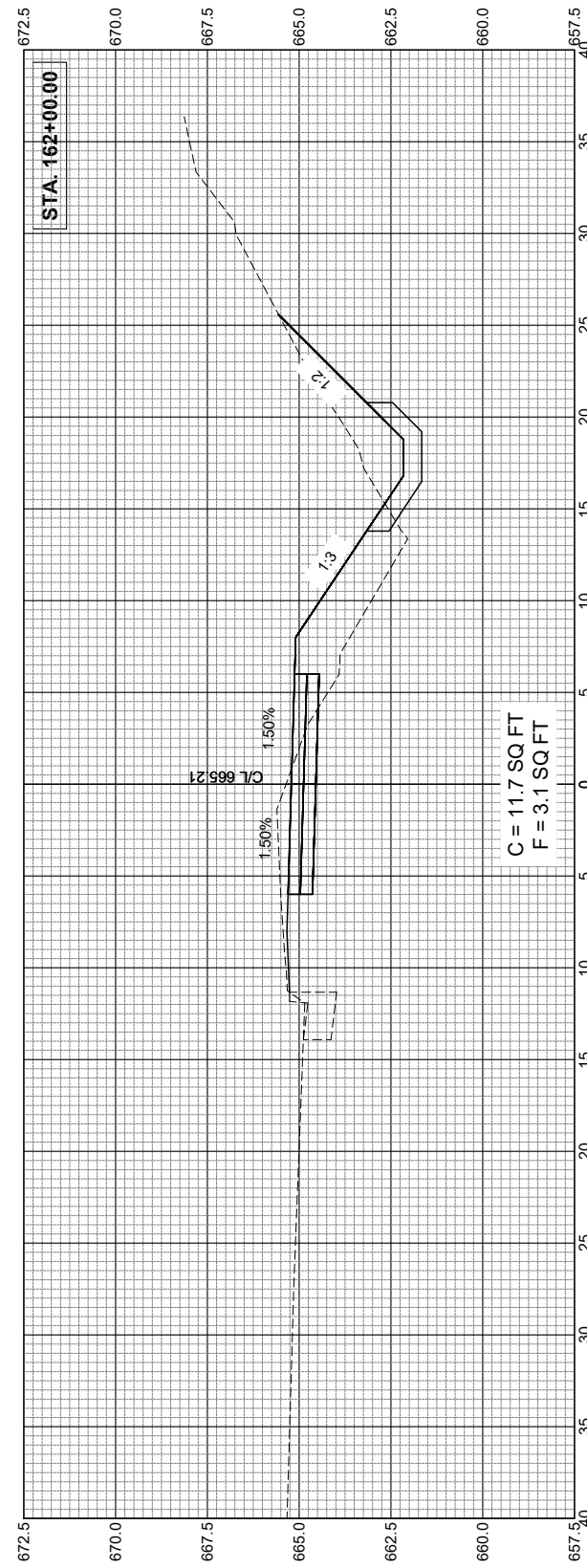
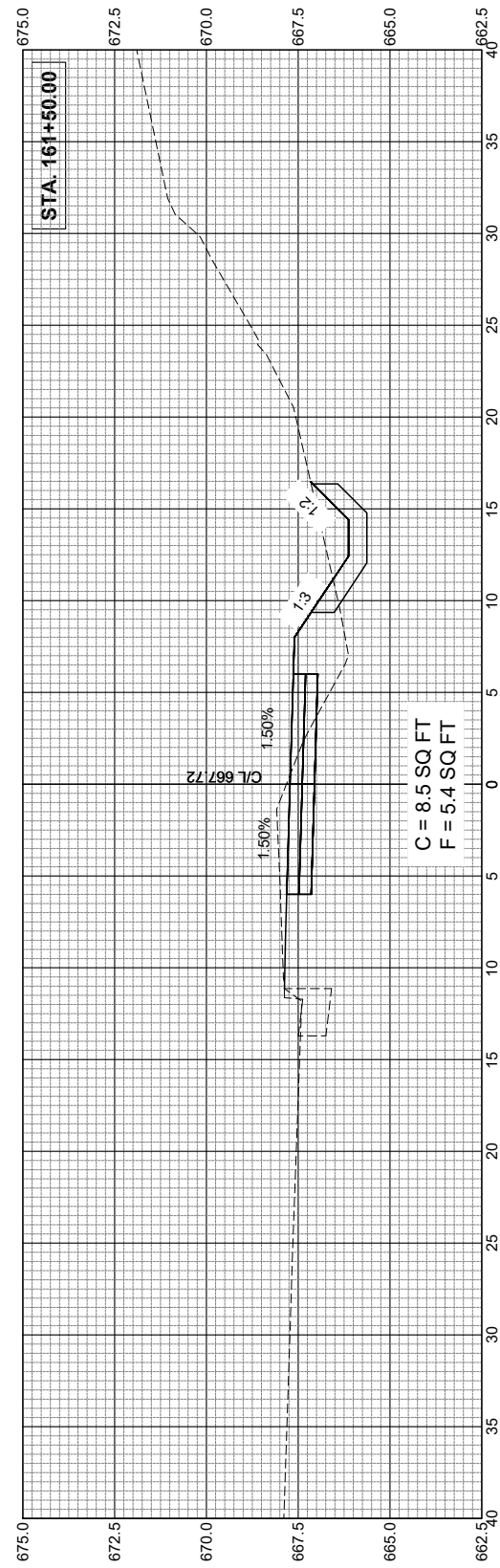
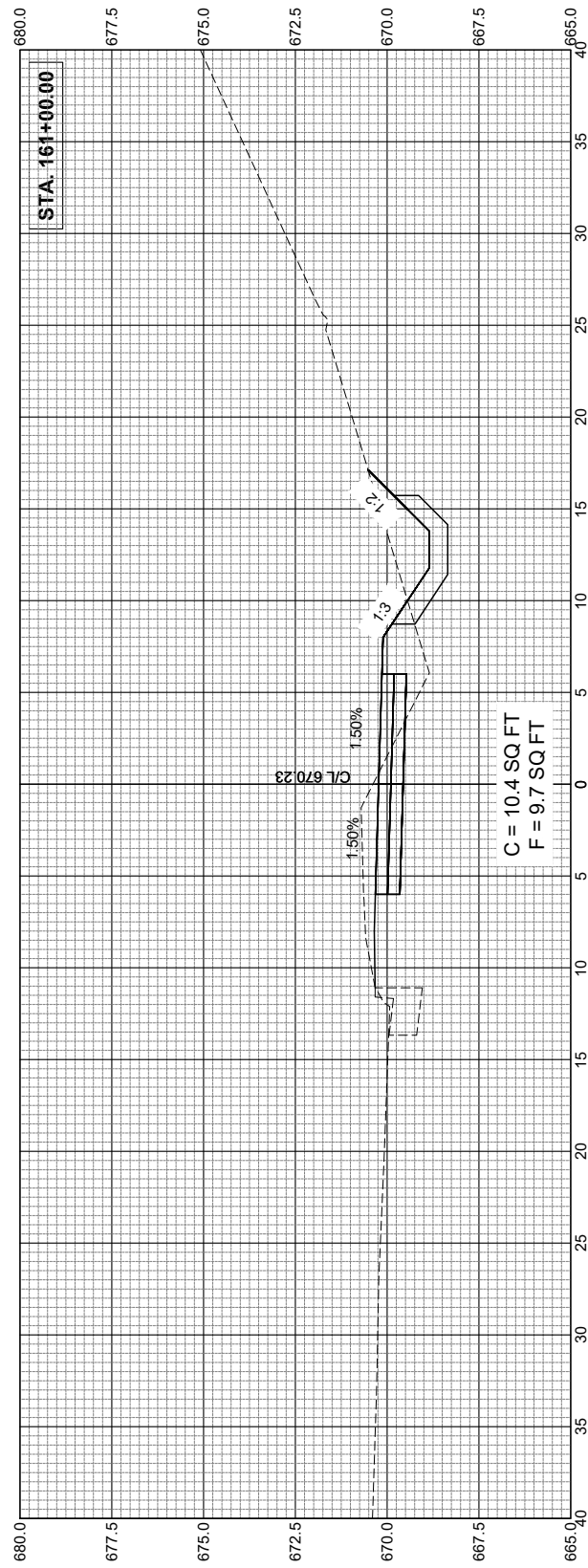
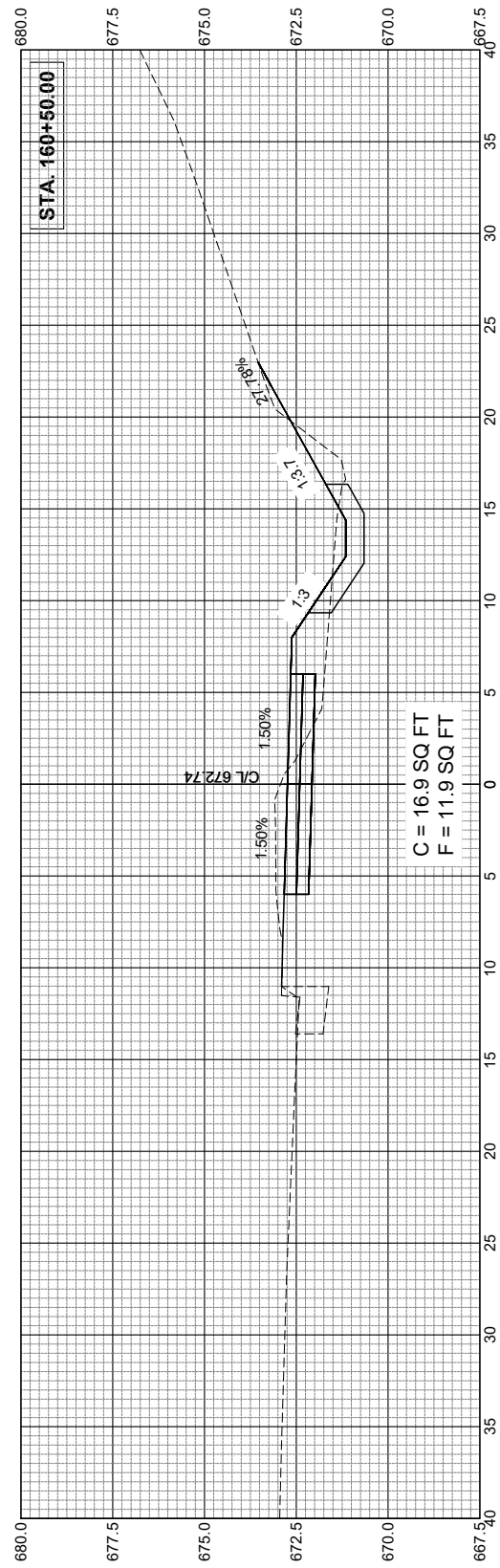
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (4 of 7)

DATE	REVISION

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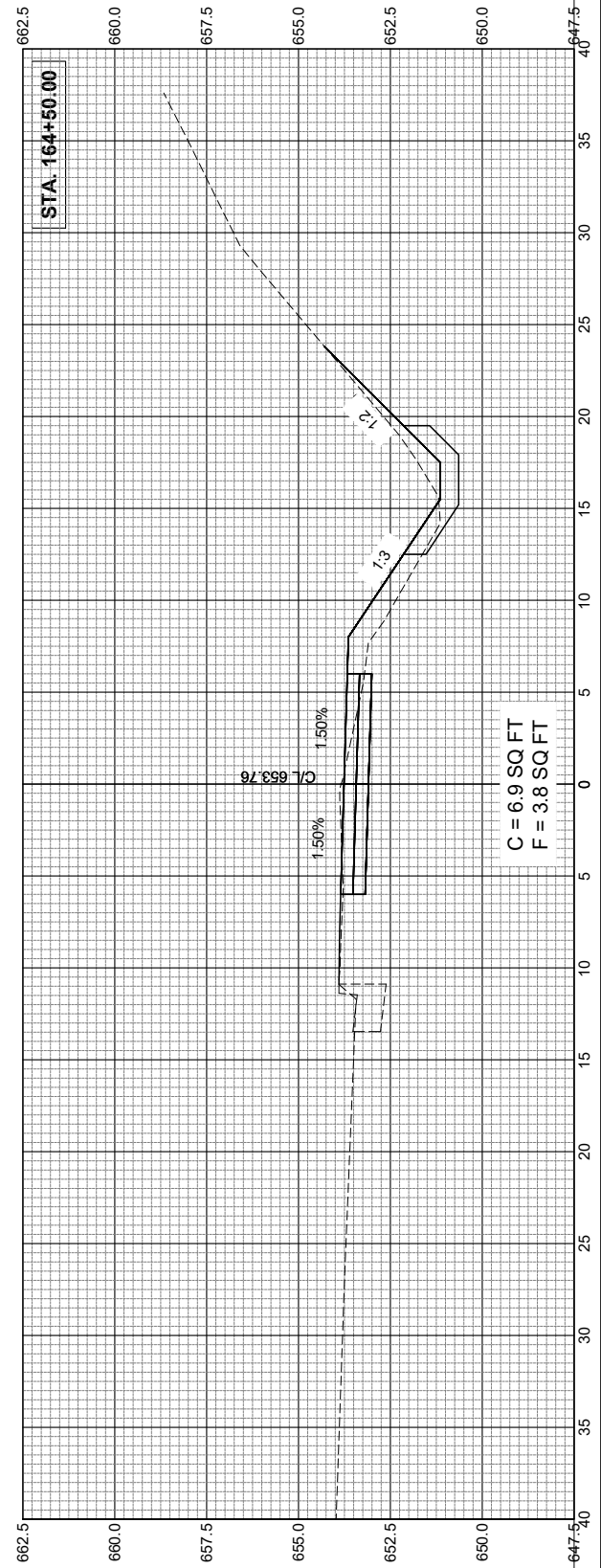
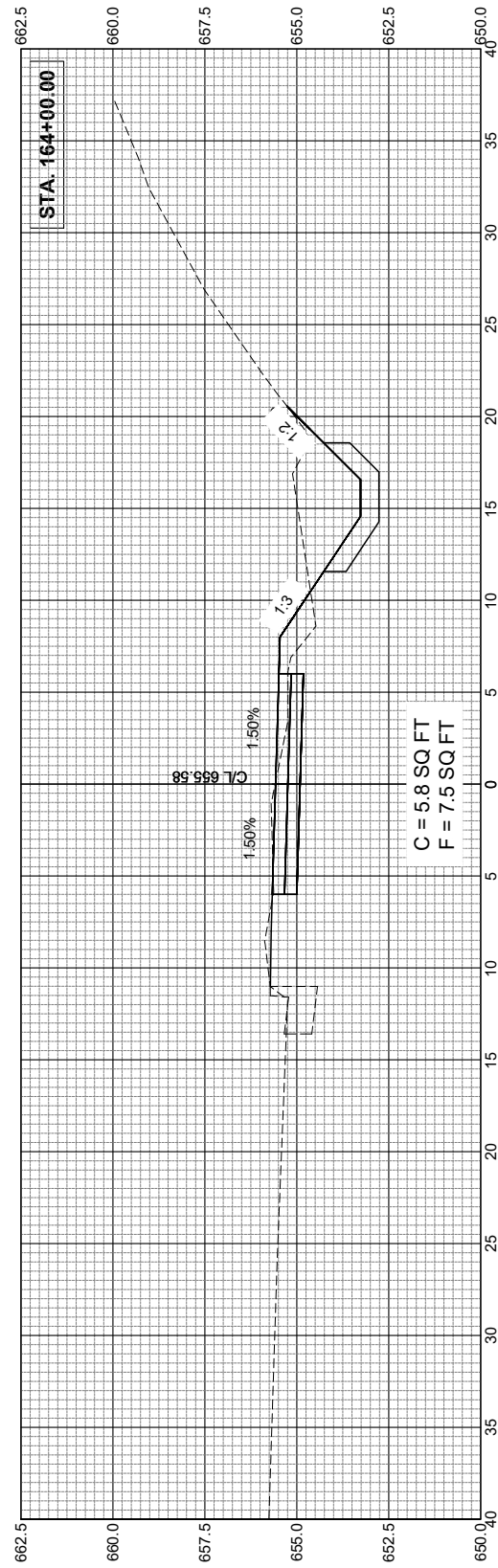
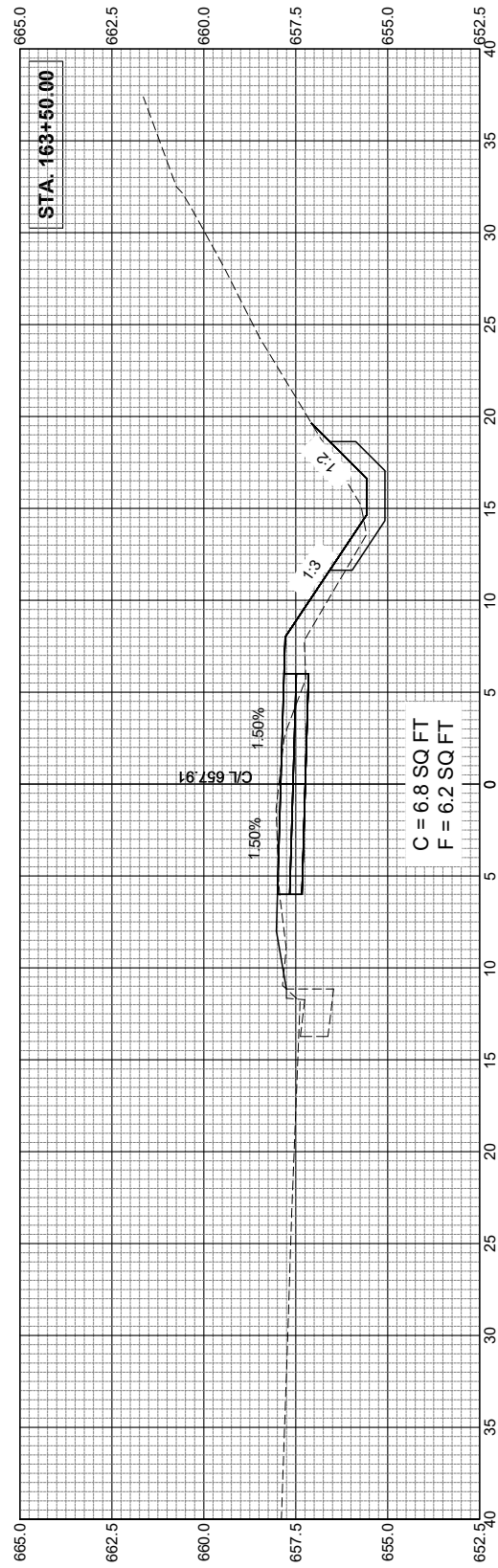
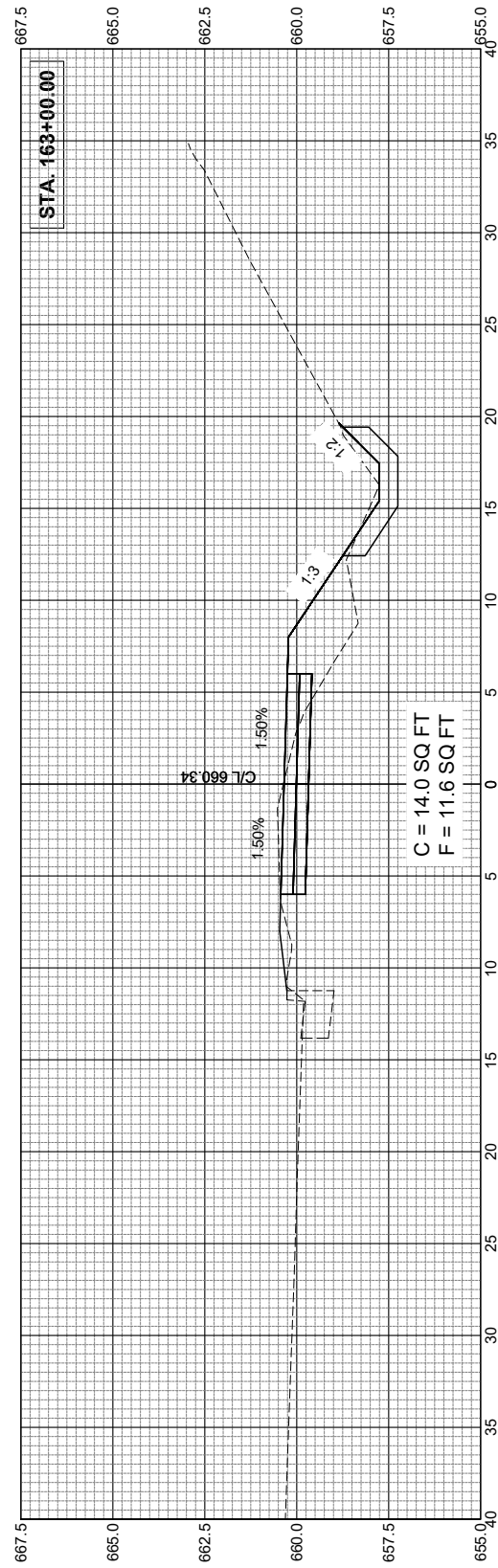
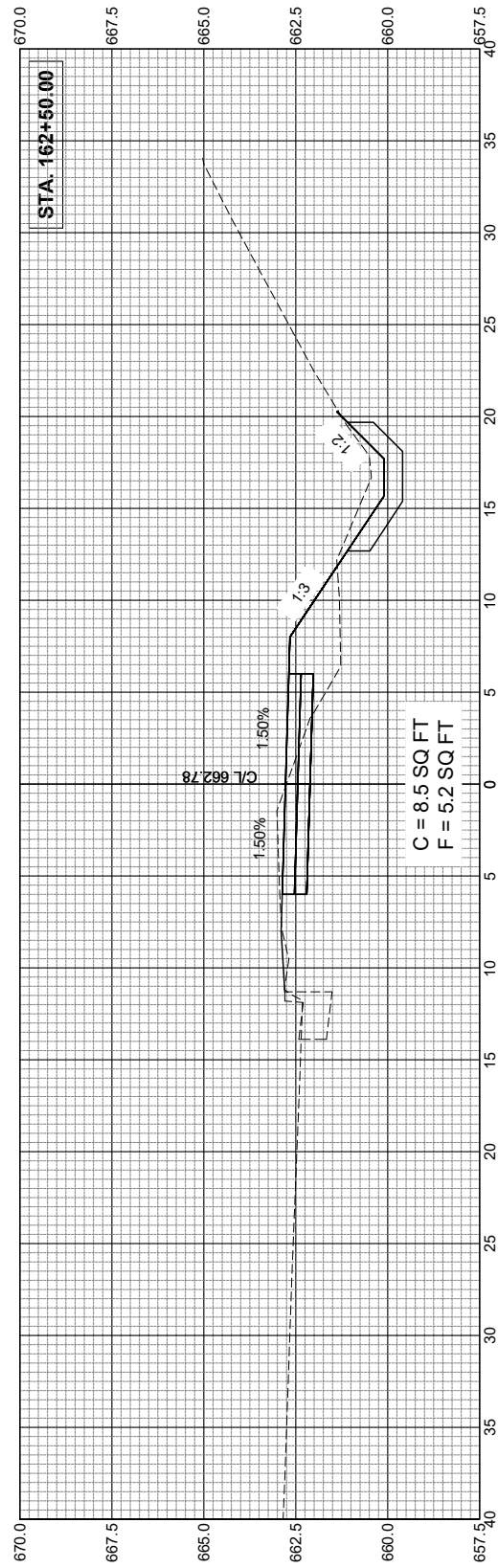
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (5 of 7)

DATE	REVISION

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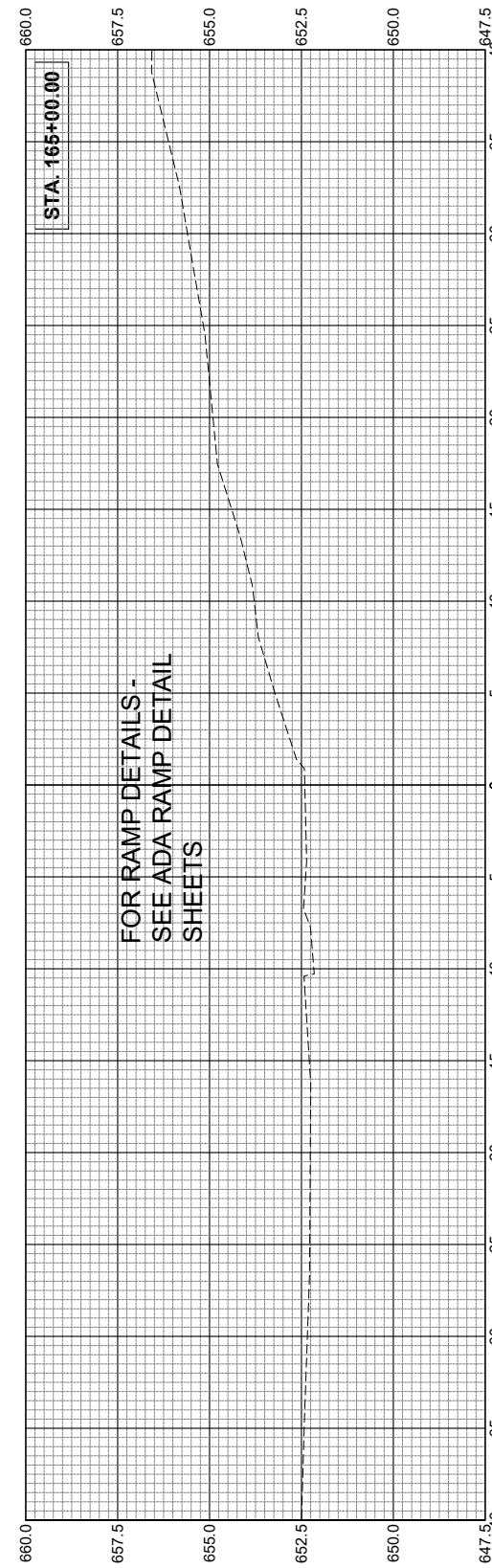
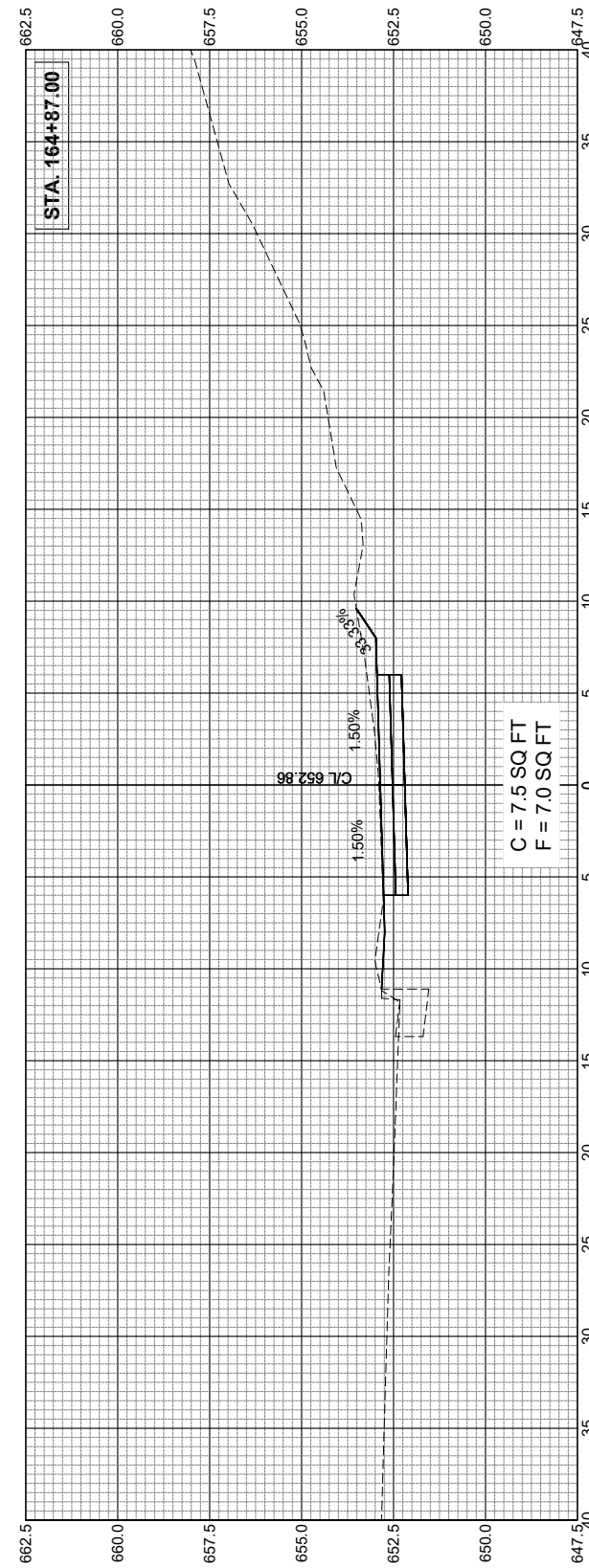
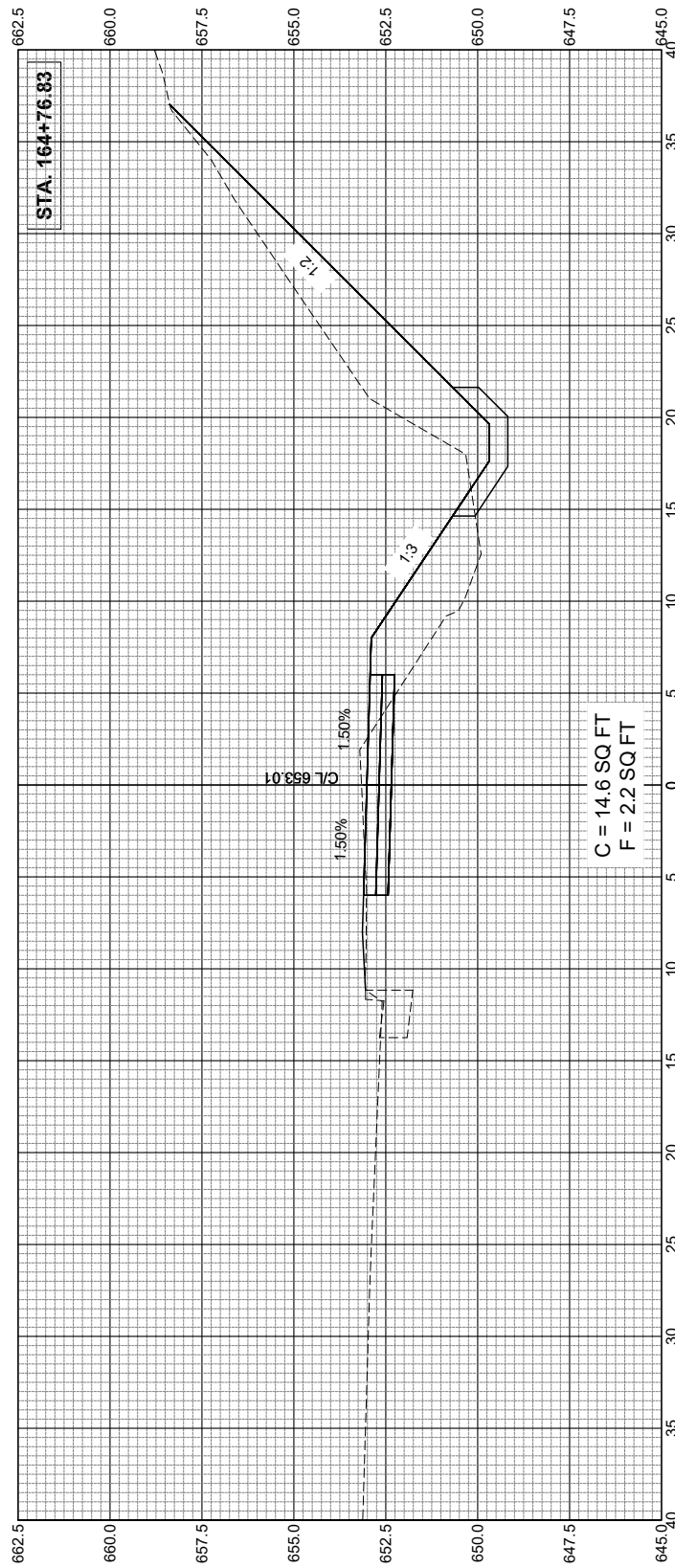
19TH ST. BIKEPATH
19TH ST. (SOUTH SECTION)
CROSS SECTIONS (6 of 7)

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19TH ST. BIKEPATH
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CROSS SECTIONS (7 of 7)

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