

60% SUBMITTAL

NOT FOR CONSTRUCTION

OCTOBER 2022 APPROVED FOR ADVERTISING LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES

PURCHASING AND CONTRACTING DIRECTOR

FVIFWFD: ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAI





2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

COVER pc TRC0481 co TRC0481 VPI # XXX-XXX CV1 SHEET 1 OF 73

2022-XXX

INITIALS AND DATE INITIALS AND DATE SEATTLE, WASHINGTON 20 .

GENERAL NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- 1. ALL WORK MUST CONFORM TO THE 2020 EDITION OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, THE 2020 EDITION OF THE CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, AND THE SEATTLE DEPARTMENT OF TRANSPORTATION DIRECTOR'S RULE 01–2017 FOR STREET AND SIDEWALK PAVEMENT OPENING AND RESTORATION. A COPY OF THESE DOCUMENTS MUST BE ONSITE DURING CONSTRUCTION.
- 2. FOR REQUIREMENTS REGARDING THE PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY SEE SECTIONS 1-07.16 & 1-07.17.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR REFERENCING AND REPLACING ALL SURVEY MONUMENTS THAT MAY BE DISTURBED, DESTROYED OR REMOVED BY THE PROJECT AND AT LEAST 2 WORKING DAYS PRIOR TO THE WORK, MUST FILE AN APPLICATION FOR PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, PURSUANT TO WAC 332-120. THE CONTRACTOR MUST PROVIDE THE ENGINEER AND SPU LAND SURVEY WITH A COPY OF THE APPROVED PERMIT AND COMPLETION REPORT. SEE SECTION 1-07.28 ITEM 17.
- 4. TREES, SHRUBS AND OTHER PLANT MATERIAL NOT DESIGNATED FOR REMOVAL MUST BE PROTECTED FROM DAMAGE. SEE SECTIONS 1-07.16(2) AND 8-01 FOR REQUIREMENTS REGARDING THE TREE, VEGETATION AND SOIL PROTECTION PLAN.
- 5. THE PROJECT WILL INVOLVE EXCAVATION OVER CHARGED WATER MAINS. FOR PROTECTION OF THIS INFRASTRUCTURE, SEE SECTIONS 1-07.16(1) AND 2-02.3(3)C. CONTRACTOR MUST NOT REPAIR DAMAGE TO CHARGED WATER MAINS OR SERVICES BUT MUST IMMEDIATELY NOTIFY THE SPU EMERGENCY DISPATCHER AT 206-386-1800.
- 7. RESTORATION OF CONTRACTOR DAMAGE TO EXISTING UTILITIES MUST BE AT THE CONTRACTOR'S EXPENSE. SEE SECTIONS 1-07.13 AND 1-07.16.
- 8. THE CONTRACTOR MUST NOTIFY THE UTILITIES FOR UNDERGROUND UTILITY LOCATIONS BEFORE COMMENCEMENT OF ANY EXCAVATION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28.
- 9. FOR NOTIFICATION AND COORDINATION REQUIREMENTS, INCLUDING COMMUNICATION WITH METRO TRANSIT, SEE SECTIONS 1-07.17 AND 1-07.28.
- 10 ALL EXCAVATIONS ADJACENT TO SEATTLE CITY LIGHT POLES OR OTHER FACILITIES (VAULTS, HANDHOLES, ETC.) MUST COMPLY WITH WAC 296-155 PART N, EXCAVATION, TRENCHING AND SHORING. POLE PROTECTION/ SUPPORTING SYSTEMS USED WHILE EXCAVATING MUST COMPLY WITH WAC 296-155-655, GENERAL PROTECTION REQUIREMENTS, ITEM (9) AND MUST NOT AFFECT THE STRUCTURAL INTEGRITY OF POLES WHILE THE SYSTEMS ARE IN PLACE OR AFTER THE SYSTEMS HAVE BEFN REMOVED.

STORMWATER POLLUTION PREVENTION NOTES UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- THE CONTRACTOR MUST PREPARE A CONSTRUCTION STORMWATER AND EROSION CONTROL PLAN (CSECP), A TREE, VEGETATION AND SOIL PROTECTION PLAN (TVSPP) AND A SPILL PLAN (SP) FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION. SEE SECTIONS 1-07.15 AND 8-01.
- 2. THE CONTRACTOR MUST COMPLY WITH ALL NPDES PERMIT REQUIREMENTS. SEE SECTIONS 1-07 15 AND 8-01

METRO COORDINATION NOTES

- TO SCHEDULE BUS SHELTER REMOVAL BY METRO, CONTACT PLANSREVIEW@KINGCOUNTY.GOV. ADVANCE NOTIFICATION OF 3 WEEKS IS REQUIRED. SEE SECTION 1-07.28 ITEM 4.
- ALL METRO SHELTER FOOTINGS MUST BE INSPECTED BY METRO BEFORE ANY CONCRETE IS POURED. CONTACT METRO INSPECTORS AT 206-263-1370 OR 206-947-1574 OR PAUL.MILLER@KINGCOUNTY.GOV. ADVANCE NOTICE OF 3 WORKING DAYS IS REQUIRED.
- 3. AFTER BUS SHELTER FOOTINGS ARE INSTALLED, CONTACT PLANSREVIEW@KINGCOUNTY.GOV TO SCHEDULE BUS SHELTER FRAME INSTALLATION AND BUS STOP FLAG POST INSTALLATION.

ROADWAY NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- 1. PAVEMENT, SIDEWALK AND CURB REMOVALS MUST EXTEND TO EXISTING JOINTS, TO LIMITS IDENTIFIED AS "SAWCUT" ON THE DRAWINGS, OR TO LIMITS DETERMINED BY THE ENGINEER. SEE SECTION 2-02.3.
- 2. ALL JOINTS AT THE MEET LINES OF NEW CONSTRUCTION AND EXISTING SURFACES MUST BE BUTT JOINTS. SEE SECTION 5-04.3(10)B.
- LONGITUDINAL JOINTS MUST BE COORDINATED WITH THE CHANNELIZATION DRAWINGS. LONGITUDINAL JOINTS MUST BE AT A LANE LINE OR EDGE OF TRAVELED WAY UNLESS APPROVED OTHERWISE IN WRITING BY THE ENGINEER. SEE SECTION 5-05.3(8)£2.
- 4. PAVING AROUND INLETS AND CATCH BASINS MUST BE SLOPED TO ESTABLISH A DRAINAGE TRANSITION ZONE PER STANDARD PLAN 260A.
- WMA SURFACE COURSE FOR ROADWAY MUST BE CLASS 1/2", PG58V-22 FOR 10 MILLION ESAL'S.
- HMA BASE COURSE FOR ROADWAY MUST BE CLASS 1", PG58V-22 FOR 10 MILLION ESAL'S.
- 7. PRIOR TO SAWCUT AND REMOVAL FOR BASE REPAIR, THE CONTRACTOR MUST HAVE THE LIMITS VERIFIED BY THE ENGINEER. THE OWNER RESERVES THE RIGHT TO IDENTIFY ADDITIONAL AREAS OF BASE REPAIR AFTER PLANING.
- 8. IF AN EXISTING WATER VALVE BOX REQUIRES ADJUSTMENT, IT MUST BE DONE BY EXCAVATING THE CASTING AND VERTICALLY ADJUSTING THE TOP SECTION OF THE VALVE BOX. THE FLANGE MUST BE CAST IN TO SURROUNDING PAVEMENT AS SHOWN ON STD PLAN 315. DO NOT USE EXTENSION RINGS. SEE SECTION 7-20.3(1)A.
- O. CONTRACTOR MUST ADJUST CASTINGS IN ACCORDANCE WITH SECTION 7-20. CASTINGS MUST BE ADJUSTED TO FINISH GRADE PRIOR TO CONSTRUCTION OF FINAL SURFACE COURSE PER SECTION 5-04.3(9)B. WORN OR BROKEN CASTINGS TO BE REPLACED MUST BE REPLACED PRIOR TO INSTALLATION OF THE FINAL SURFACE.
- 10. NEW LOOP DETECTORS MUST BE INSTALLED IN THE PAVEMENT SUBLAYER PRIOR TO FINAL WEARING COURSE PAVING. SEE SECTION 8-31.3(5)A. WHEN INSTALLING IN NEW FULL DEPTH CONCRETE PAVEMENT WITHOUT ASPHALT SURFACING, THE LOOPS MUST BE PREFORMED PER SECTION 8-31.3(5)B.

CURB RAMP NOTES:

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
- 2. WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE REFERENCE ONLY AND MUST BE FIELD VERIFIED BY THE ENGINEER. THE CONTRACTOR MUST NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
- 3. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AN/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.
- 4. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES, DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
- 5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	XX
REBUILT CURB RAMPS	xx
PROJECT TOTAL	XX

SIGNING & CHANNELIZATION NOTES UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- TO ORDER SDOT PROVIDED SIGNS, OR TO COORDINATE SDOT'S INSTALLATION OF SIGNS, SEE SECTION 8-21.3(1). ADVANCE NOTIFICATION IS REQUIRED. CONTACT SDOT SIGNS AND MARKING SHOP AT (206)233-7104.
- FOR REQUIREMENTS ON LAYOUT AND VERIFICATION OF CHANNELIZATION FEATURES, SEE SECTION 8-22.3(1). ADVANCE NOTIFICATION IS REQUIRED. CONTACT CHRIS RASOR AT (206)854-2729 FOR CHAN REVIEW.
- 3. FOR SIGNING AND STRIPING DETAILS NOT SHOWN IN THESE DRAWINGS, SEE 600 SERIES AND 700 SERIES STANDARD PLANS.

DRAINAGE NOTES UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- 1. FOR INLET CONNECTION BEND AND SLOPE RESTRICTIONS, SEE SECTION 7-08.3(5).
- WHEN CONNECTING TO EXISTING SEWER AND DRAINAGE LINES, THE CONTRACTOR MUST VERIFY INVERT ELEVATIONS PRIOR TO CONSTRUCTION. DISCREPANCIES IN INVERT ELEVATIONS MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE FNGINFFR
- BEDDING FOR INLET CONNECTION AND CATCH BASIN CONNECTION PIPES MUST BE CLASS B. SEE STD PLAN 285.
- 4. ALL INLET AND CATCH BASIN PIPE RECONNECTIONS MUST USE FLEXIBLE GASKETED COUPLINGS WITH STAINLESS STEEL SHIELDS PER SPECIFICATION 9-05.18.
- SEATTLE PUBLIC UTILITIES (SPU) APPROVAL IS REQUIRED FOR ALL PROPOSED NEW CATCH BASINS, INLETS AND PIPES PRIOR TO FINAL SURFACE RESTORATION. CONTACT THE ENGINEER, 48 HOURS IN ADVANCE.
- 6. DUCTILE IRON PIPE MUST BE ANSI A21.51 CLASS 50 WITH PUSH—ON JOINTS. FITTINGS FOR DUCTILE IRON PIPE MUST BE PER ANSI A21.10 OR ANSI A21.53 WITH PUSH—ON JOINTS. GLANDS ON MECHANICAL JOINT PIPE AND FITTINGS MUST BE DUCTILE. SEE SECTION 9—05.3.
- WHERE MAINTENANCE HOLES OR CATCH BASINS REQUIRE A NEW OR REPLACED CASTING PER STD PLAN 230, CASTINGS IN ROADWAYS MUST BE 10-INCH MIN DEPTH.

60% SUBMITTAL NOT FOR CONSTRUCTION OCTOBER 2022

PURCHASING AND CONTRACTING DIRECTOR

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SATILE STANDARD PLANS AND
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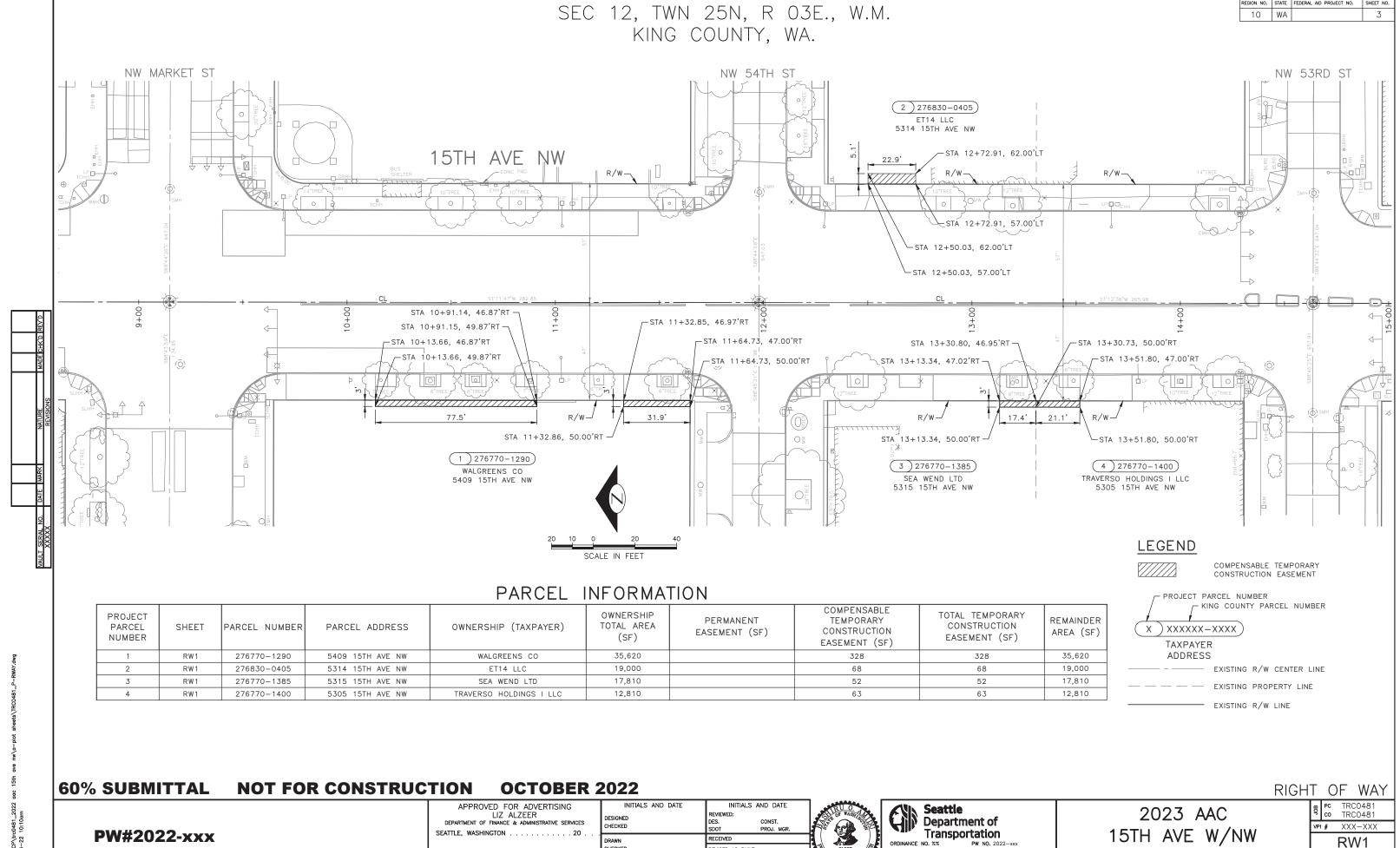




2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE pc TRC0481 co TRC0481

GENERAL NOTES

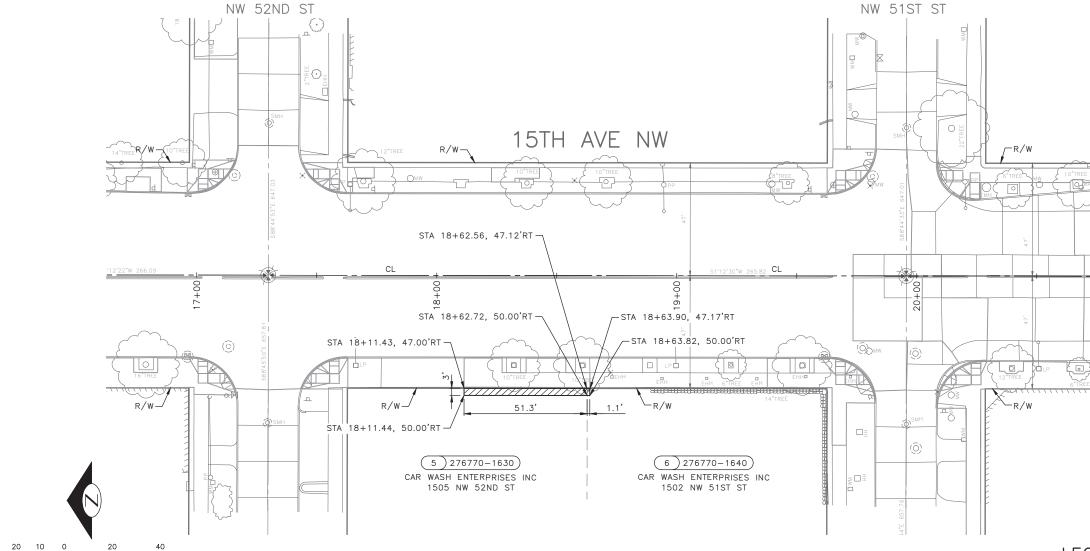
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sheet 2 of 73



ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAY

AND BALLARD BRIDGE

SHEET 3 OF 73



PARCEL INFORMATION

PROJECT PARCEL NUMBER	SHEET	PARCEL NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	PERMANENT EASEMENT (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER AREA (SF)
5	RW2	276770-0630	1505 NW 52ND ST	CAR WASH ENTERPRISES INC	8,540		154	154	8,540
6	RW2	276770-1640	1502 NW 51ST ST	CAR WASH ENTERPRISES INC	8,540		3	3	8,540

LEGEND

COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT

PROJECT PARCEL NUMBER _ KING COUNTY PARCEL NUMBER X XXXXXX-XXXX TAXPAYER

ADDRESS

EXISTING R/W CENTER LINE

- — — EXISTING PROPERTY LINE

— EXISTING R/W LINE

60% SUBMITTAL NOT FOR CONSTRUCTION **OCTOBER 2022** RIGHT OF WAY

PW#2022-xxx

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

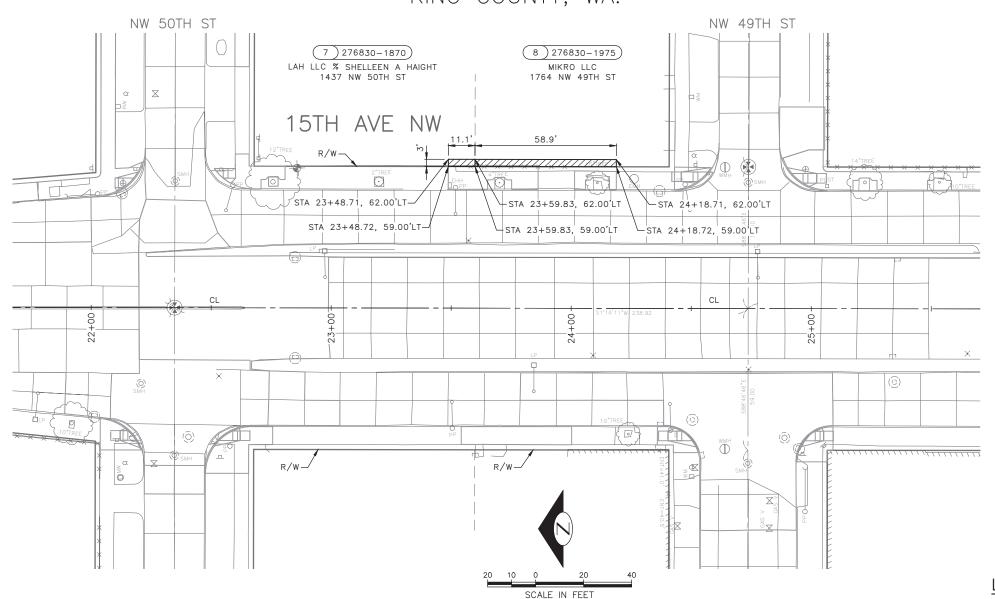
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2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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PARCEL INFORMATION

PROJECT PARCEL NUMBER	SHEET	PARCEL NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	PERMANENT EASEMENT (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER AREA (SF)
7	RW3	276830-1870	1437 NW 50TH ST	LAH LLC % SHELLEEN A HAIGHT	18,646		33	33	18,646
8	RW3	276830-1975	1464 NW 49TH ST	MIKRO LLC	3,078		176	176	3,078
	11113	270030 1373	1404 1(11 43111 31	WINCKO EEG	0,070		170	170	0,070

<u>LEGEND</u>

COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT

PROJECT PARCEL NUMBER
KING COUNTY PARCEL NUMBER
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TAXPAYER

TAXPAYER ADDRESS

EXISTING R/W CENTER LINE

— — — EXISTING PROPERTY LINE

— EXISTING R/W LINE

60% SUBMITTAL NOT FOR CONSTRUCTION OCTOBER 2022

RIGHT OF WAY

PW#2022-xxx

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LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20 .

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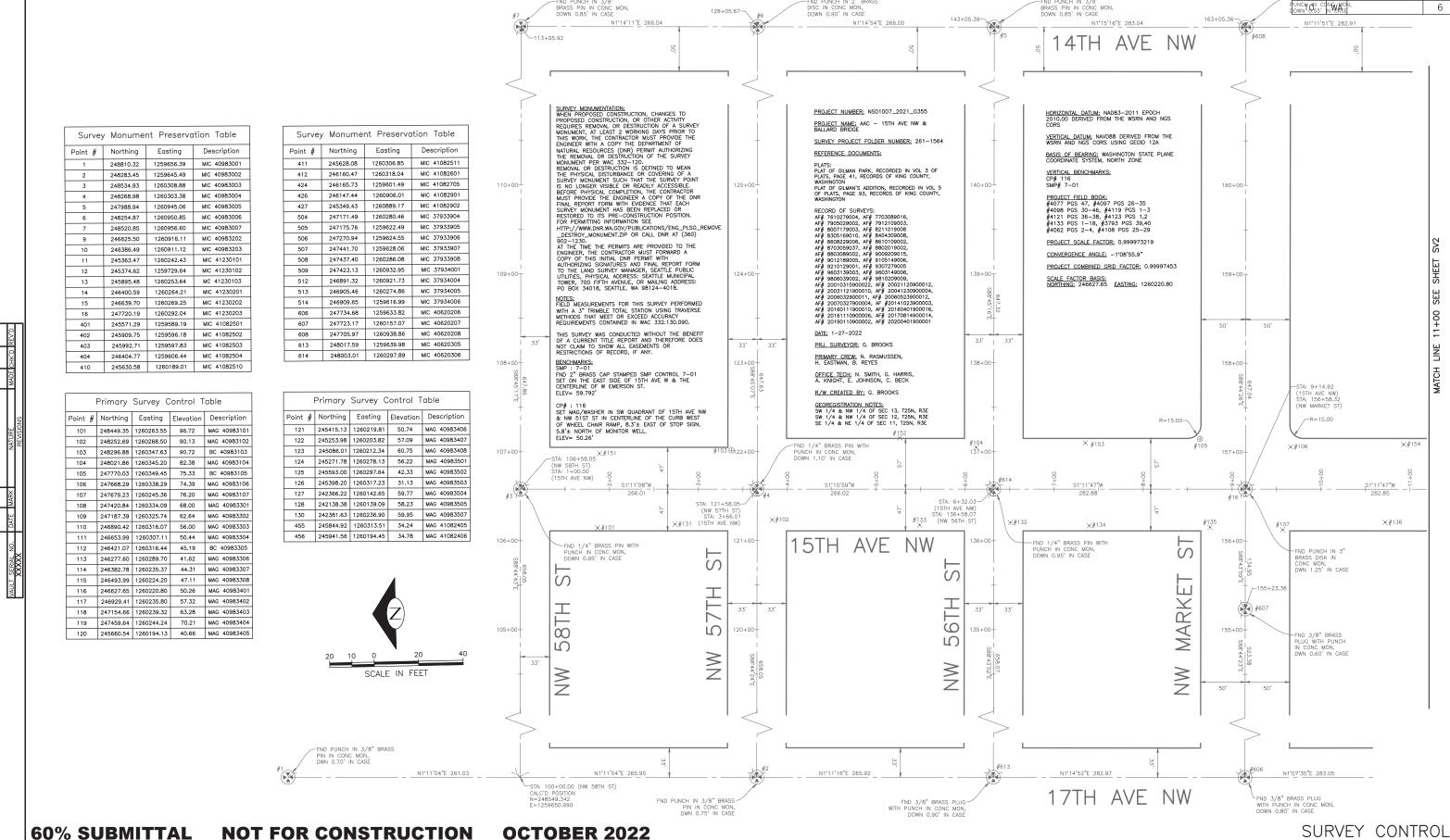
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATILE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.





2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE | PC | TRC0481 | TRC0481 | VPI # XXX-XXX | RW3 | SHEET 5 of 73



2022-XXX

LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20

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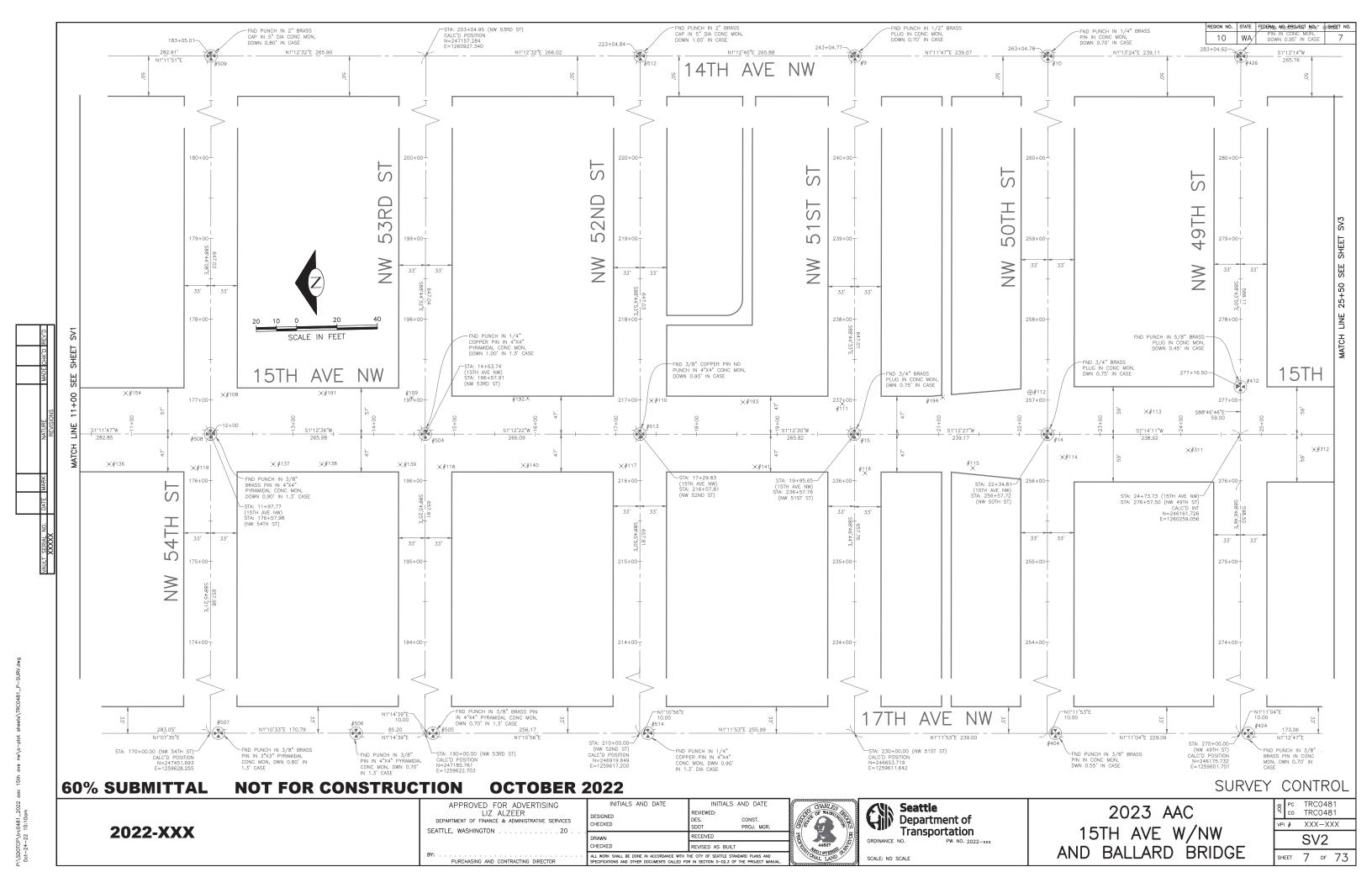


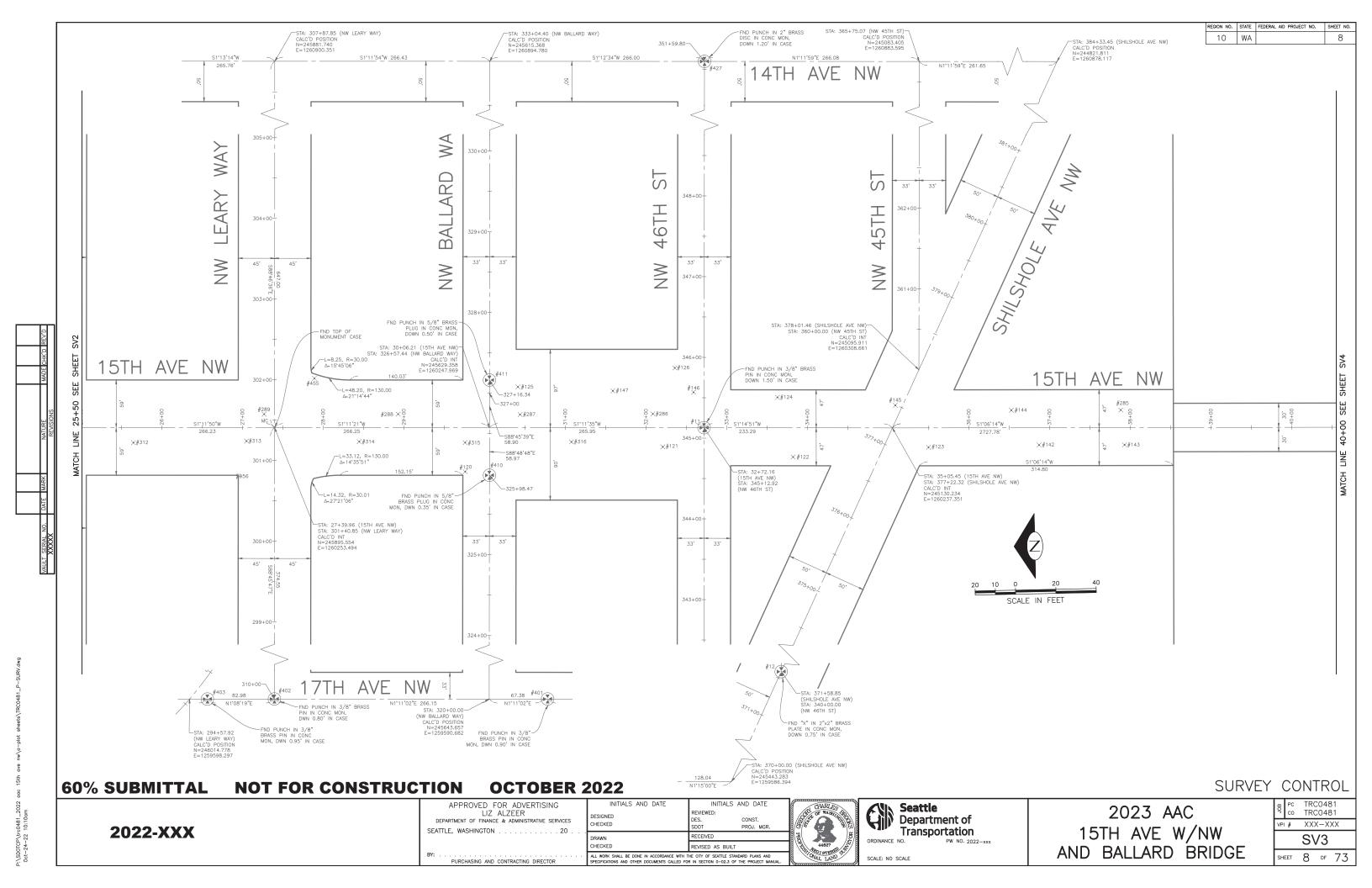
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

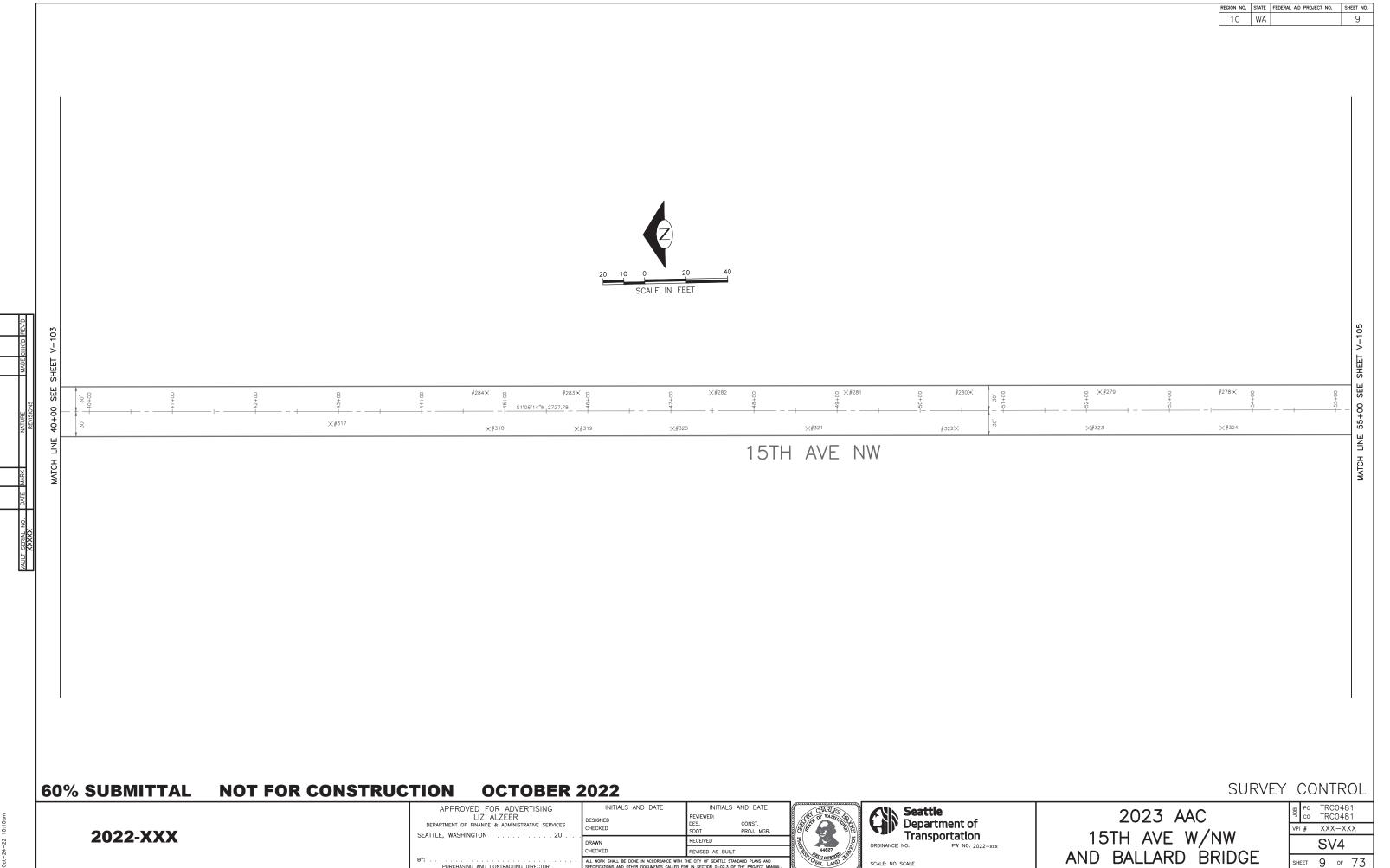
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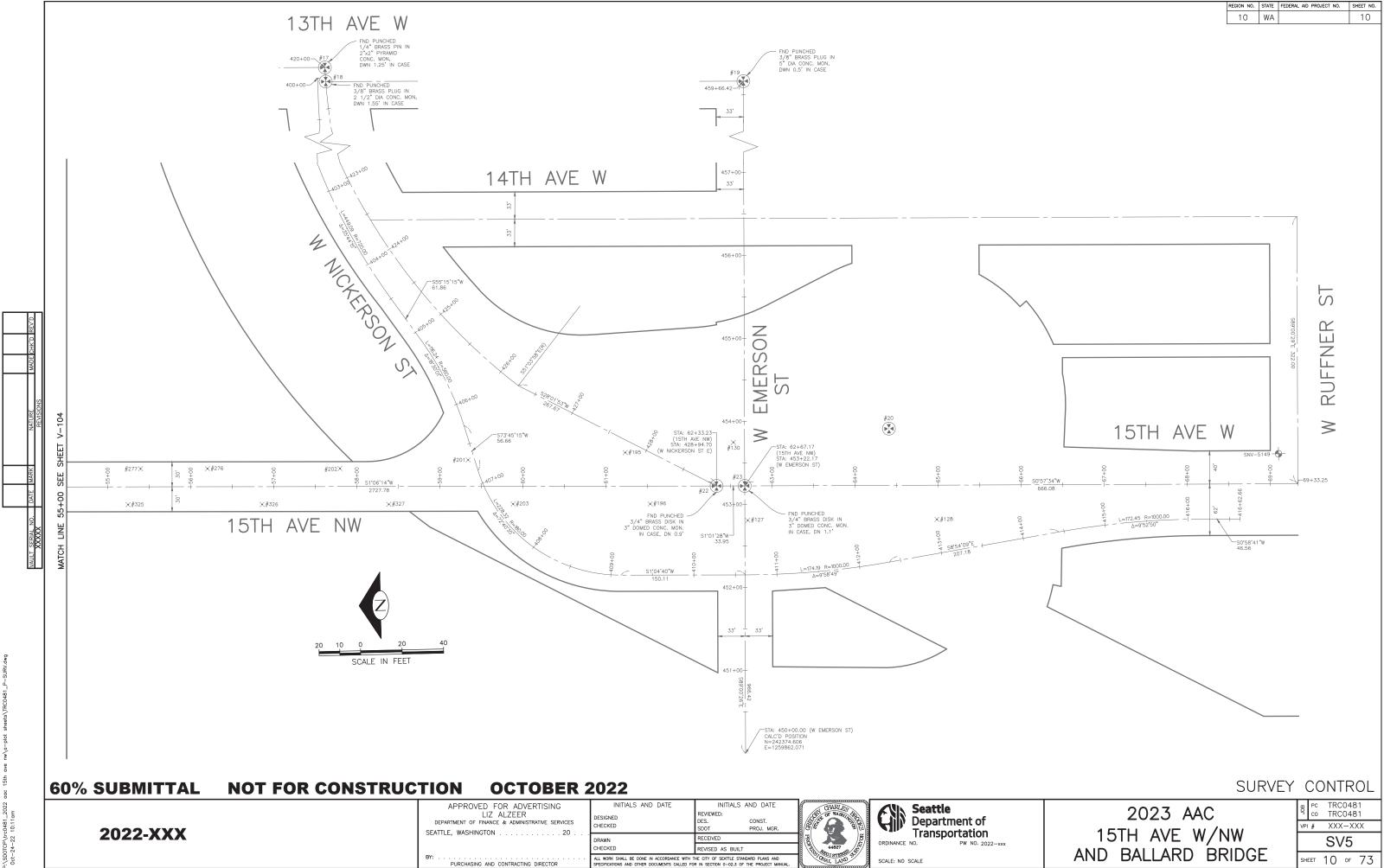
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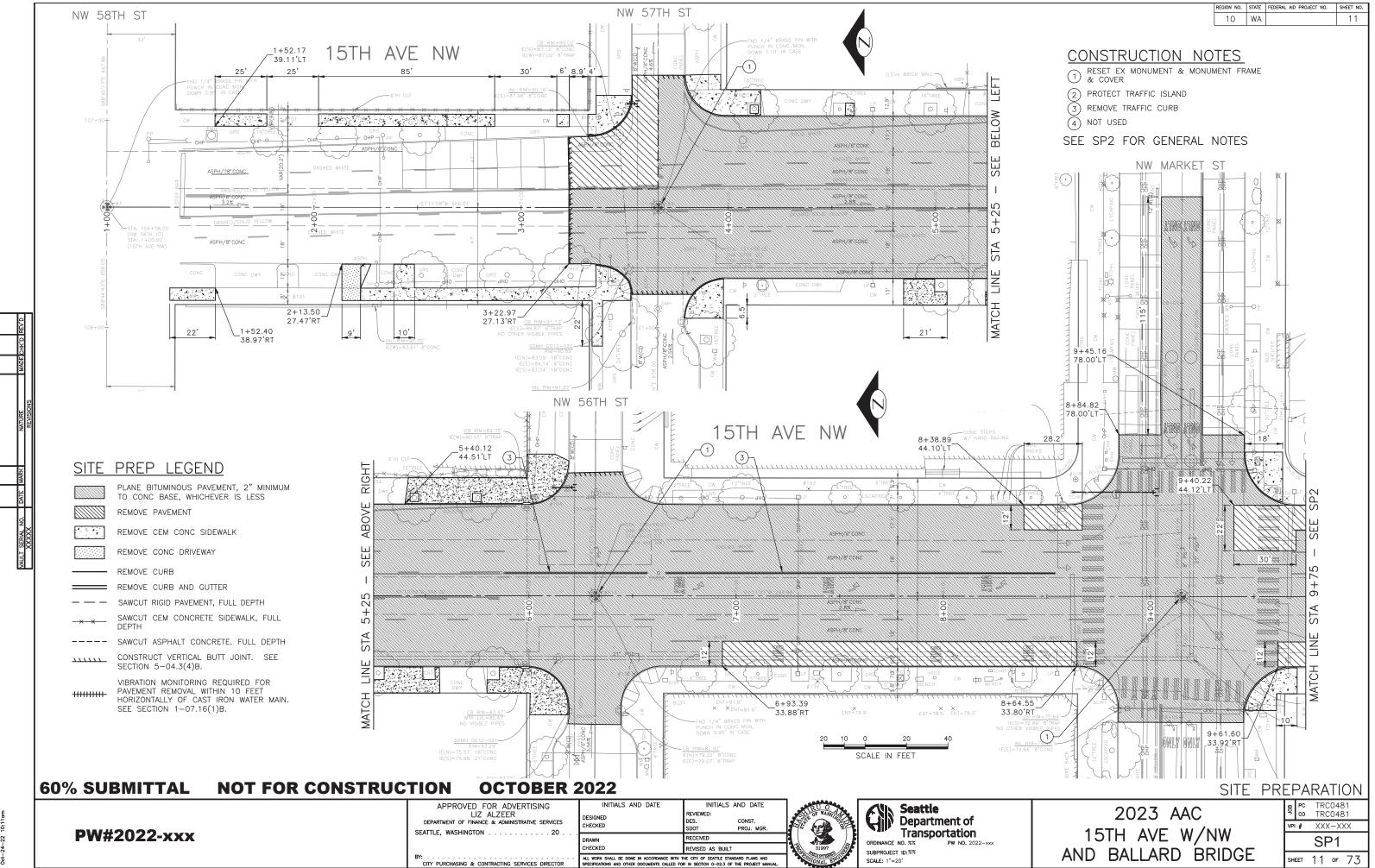




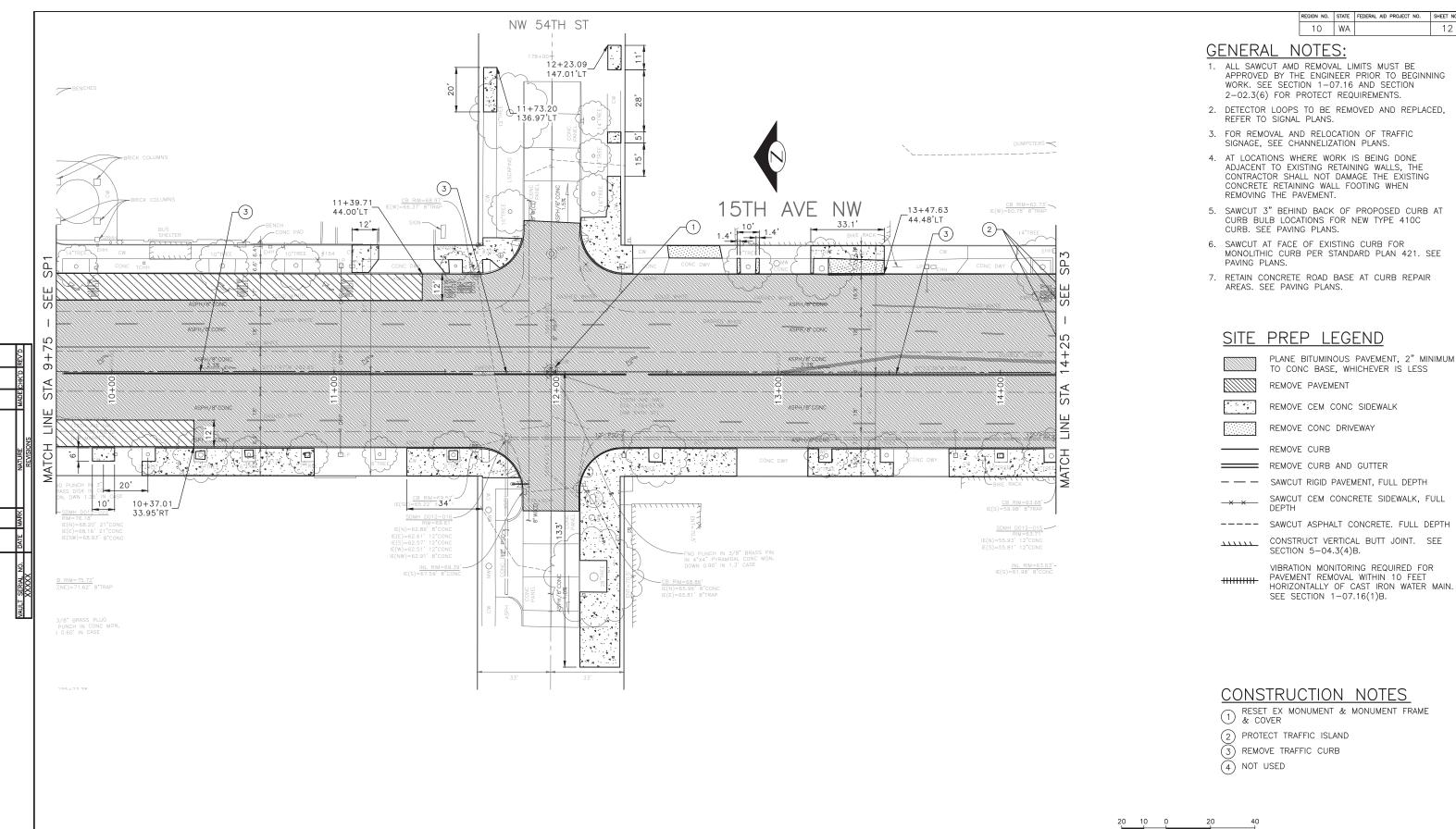
SHEET 9 OF 73



PURCHASING AND CONTRACTING DIRECTOR



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NOT FOR CONSTRUCTION 60% SUBMITTAL OCTOBER 2022 SCALE IN FEET SITE PREPARATION

APPROVED FOR ADVERTISING LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20

CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

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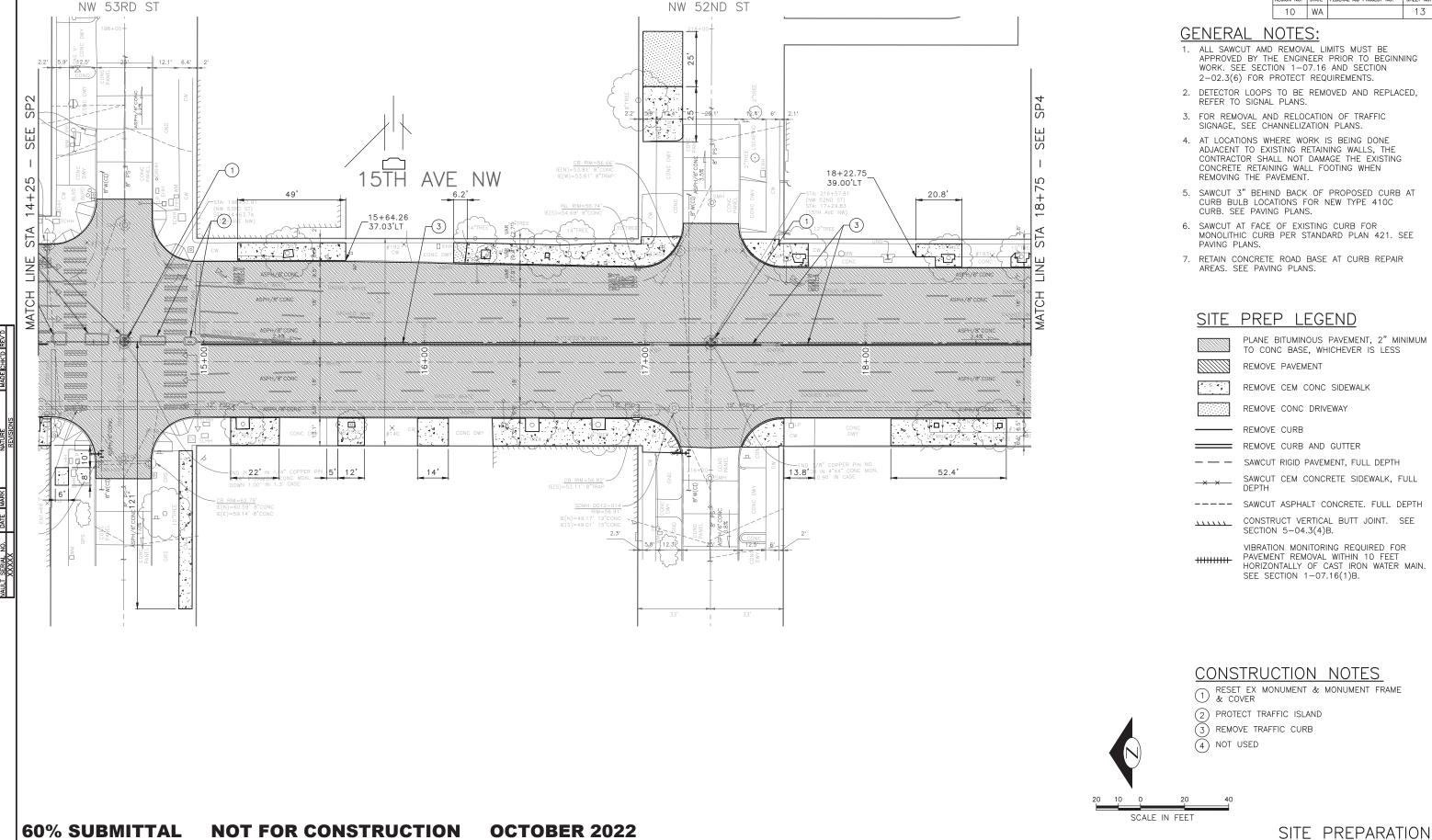


2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20 .

CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

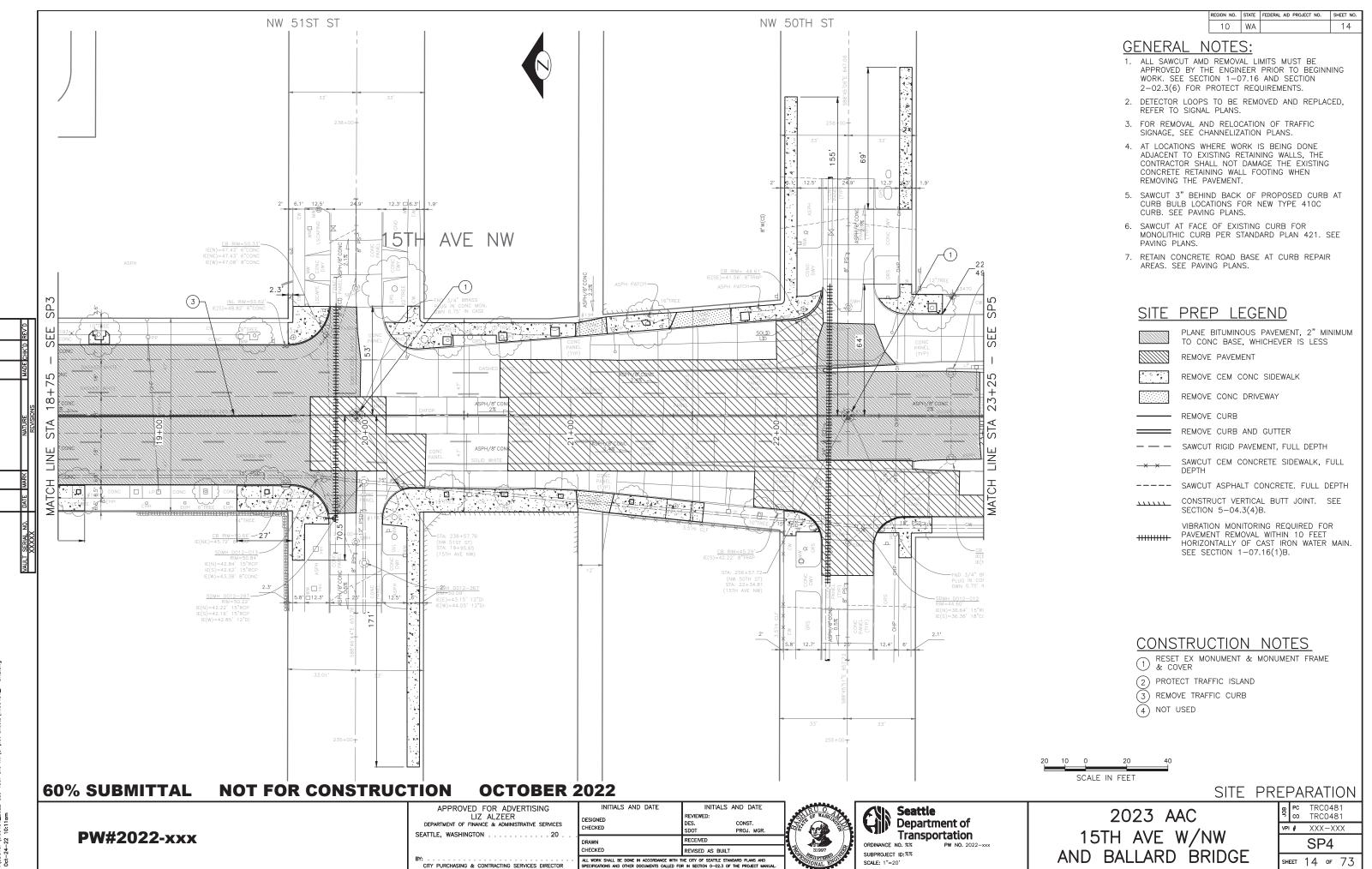
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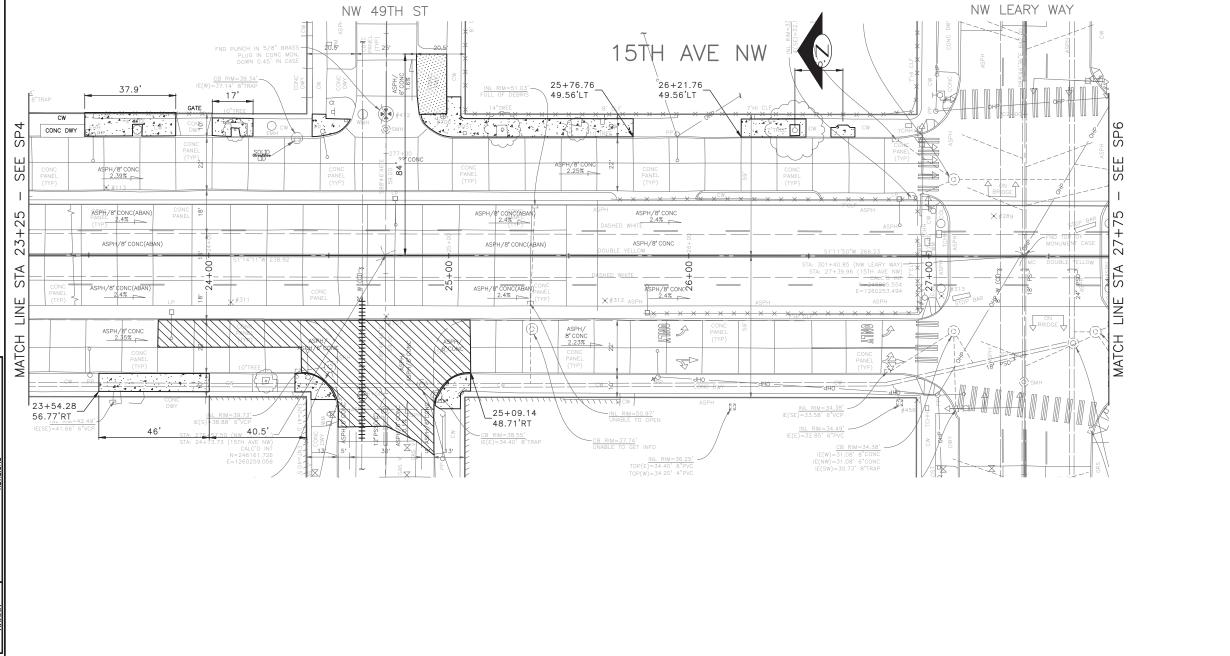


2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE PC TRC0481
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SP3
SHEET 13 OF 73



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GENERAL NOTES: 1. ALL SAWCUT AMD REMOVAL LIMITS MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING

WORK. SEE SECTION 1-07.16 AND SECTION 2-02.3(6) FOR PROTECT REQUIREMENTS. 2. DETECTOR LOOPS TO BE REMOVED AND REPLACED, REFER TO SIGNAL PLANS.

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3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLANS.

4. AT LOCATIONS WHERE WORK IS BEING DONE ADJACENT TO EXISTING RETAINING WALLS. THE CONTRACTOR SHALL NOT DAMAGE THE EXISTING CONCRETE RETAINING WALL FOOTING WHEN REMOVING THE PAVEMENT.

5. SAWCUT 3" BEHIND BACK OF PROPOSED CURB AT CURB BULB LOCATIONS FOR NEW TYPE 410C CURB. SEE PAVING PLANS.

6. SAWCUT AT FACE OF EXISTING CURB FOR MONOLITHIC CURB PER STANDARD PLAN 421. SEE PAVING PLANS

7. RETAIN CONCRETE ROAD BASE AT CURB REPAIR AREAS. SEE PAVING PLANS.

SITE PREP LEGEND

PLANE BITUMINOUS PAVEMENT, 2" MINIMUM TO CONC BASE, WHICHEVER IS LESS

REMOVE PAVEMENT

REMOVE CEM CONC SIDEWALK

REMOVE CONC DRIVEWAY

REMOVE CURB AND GUTTER

SAWCUT RIGID PAVEMENT, FULL DEPTH

SAWCUT CEM CONCRETE SIDEWALK, FULL

SAWCUT ASPHALT CONCRETE. FULL DEPTH

CONSTRUCT VERTICAL BUTT JOINT. SEE _____ SECTION 5-04.3(4)B.

VIBRATION MONITORING REQUIRED FOR PAVEMENT REMOVAL WITHIN 10 FEET HORIZONTALLY OF CAST IRON WATER MAIN.

SEE SECTION 1-07.16(1)B.

CONSTRUCTION NOTES

RESET EX MONUMENT & MONUMENT FRAME 1 RESET EX & COVER

2 PROTECT TRAFFIC ISLAND

3 REMOVE TRAFFIC CURB

(4) NOT USED

SCALE IN FEET

NOT FOR CONSTRUCTION 60% SUBMITTAL OCTOBER 2022

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SCALE: 1"=20'



2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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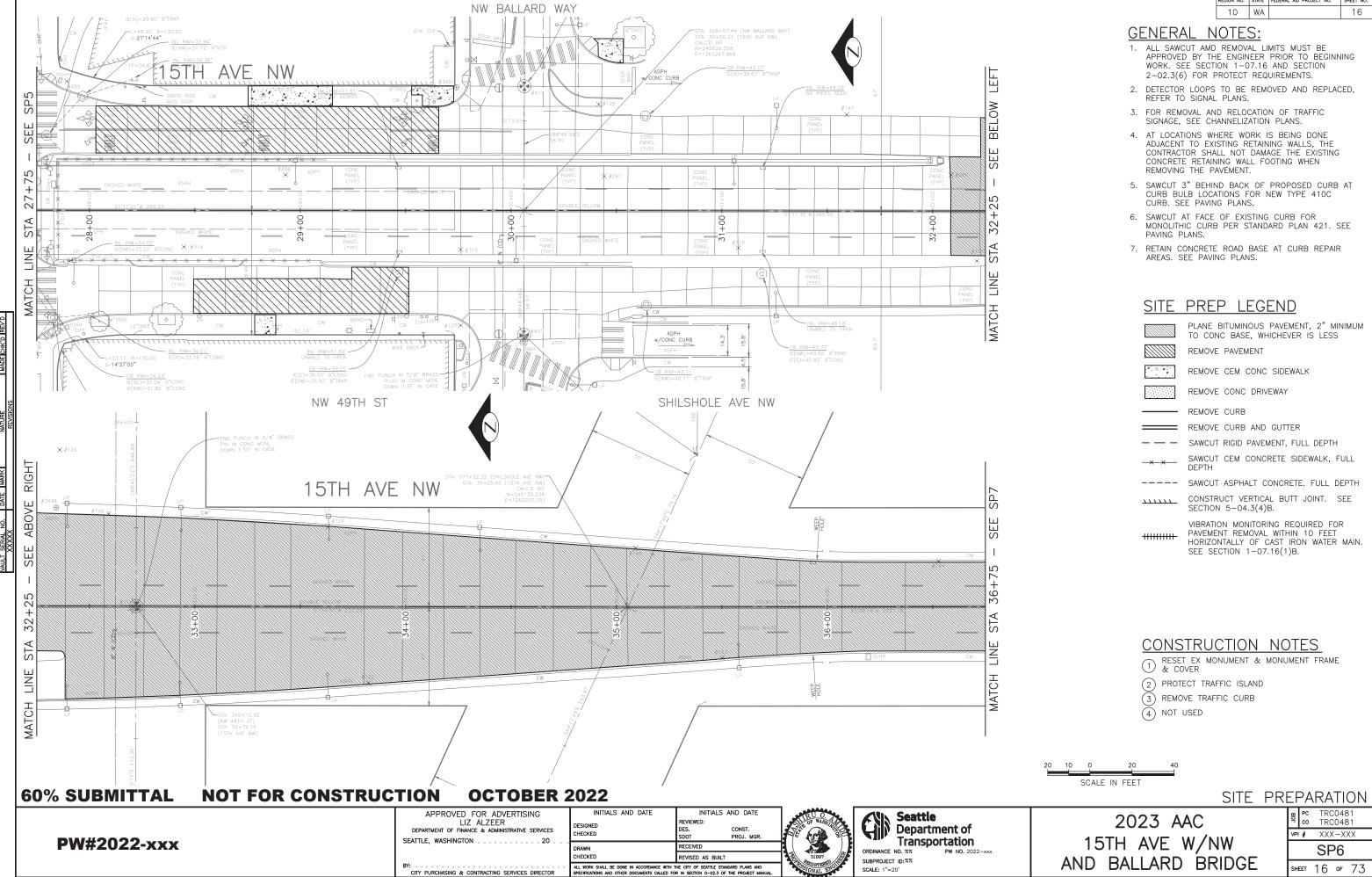
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LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 CHECKED ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MA

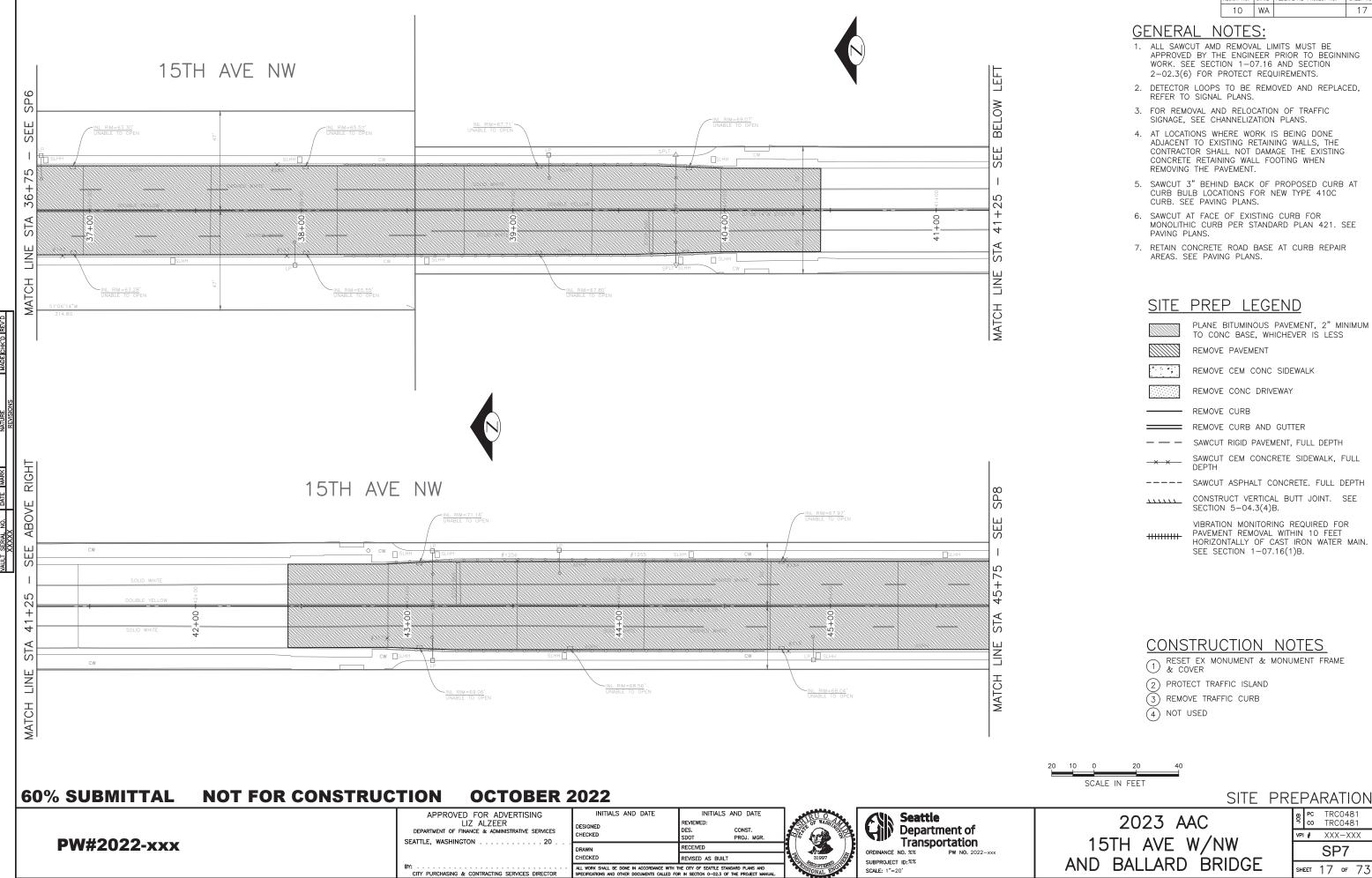
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

REMOVE CURB

SHEET 15 OF 73



SHEET 16 OF 73

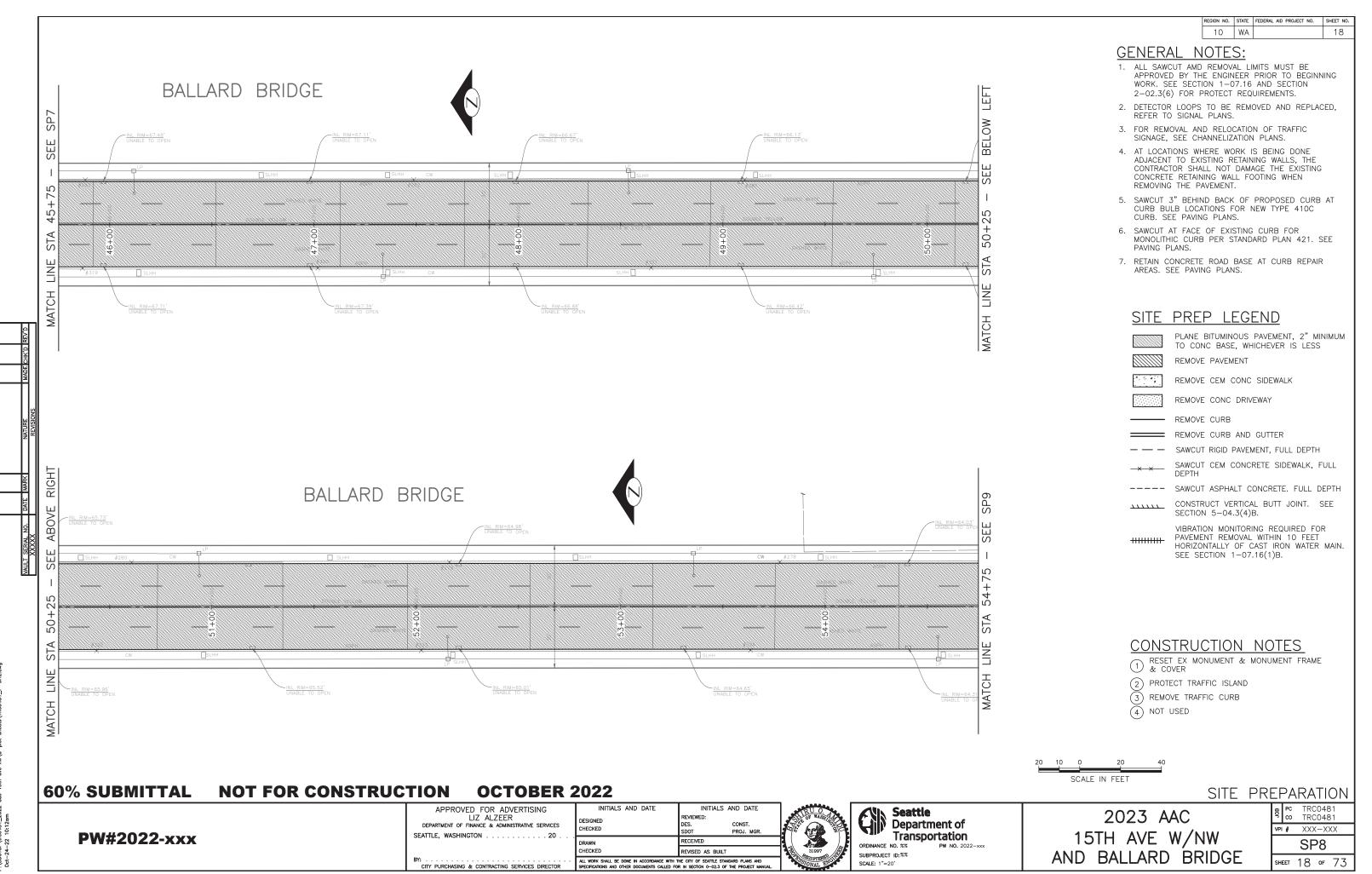


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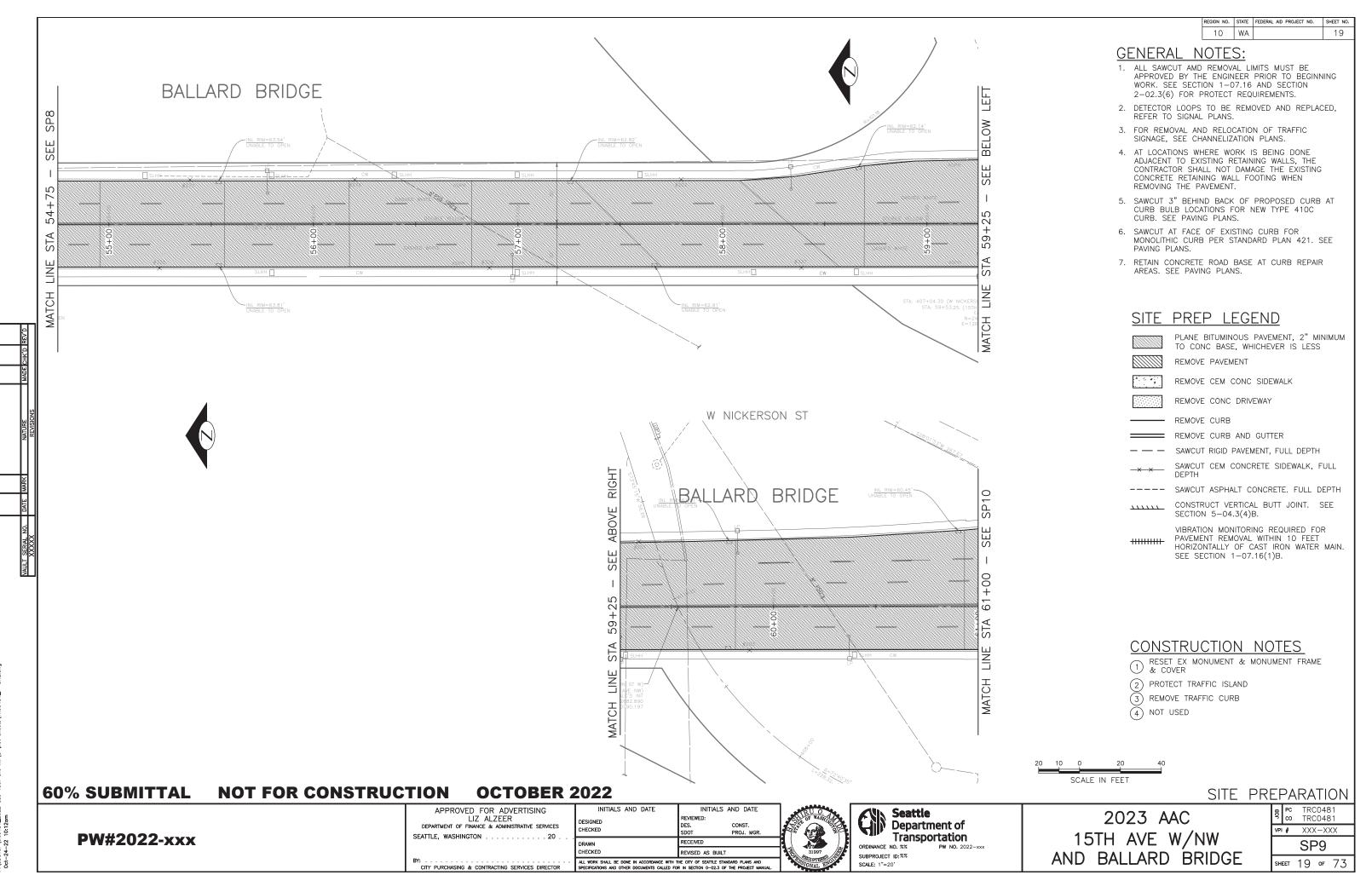
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SHEET 17 OF 73

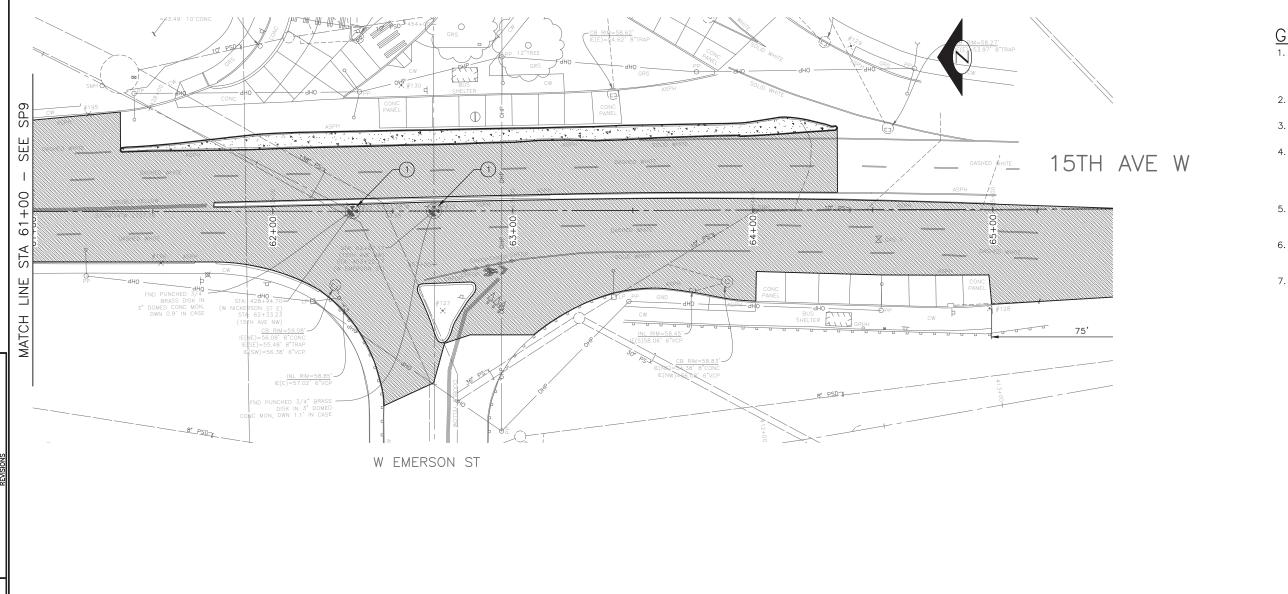
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GENERAL NOTES:

1. ALL SAWCUT AMD REMOVAL LIMITS MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK. SEE SECTION 1-07.16 AND SECTION 2-02.3(6) FOR PROTECT REQUIREMENTS.

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- 2. DETECTOR LOOPS TO BE REMOVED AND REPLACED, REFER TO SIGNAL PLANS.
- 3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLANS.
- 4. AT LOCATIONS WHERE WORK IS BEING DONE ADJACENT TO EXISTING RETAINING WALLS. THE CONTRACTOR SHALL NOT DAMAGE THE EXISTING CONCRETE RETAINING WALL FOOTING WHEN REMOVING THE PAVEMENT.
- 5. SAWCUT 3" BEHIND BACK OF PROPOSED CURB AT CURB BULB LOCATIONS FOR NEW TYPE 410C CURB. SEE PAVING PLANS.
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- 7. RETAIN CONCRETE ROAD BASE AT CURB REPAIR AREAS. SEE PAVING PLANS.

SITE PREP LEGEND

PLANE BITUMINOUS PAVEMENT, 2" MINIMUM TO CONC BASE, WHICHEVER IS LESS

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REMOVE CEM CONC SIDEWALK

REMOVE CONC DRIVEWAY

REMOVE CURB

REMOVE CURB AND GUTTER

SAWCUT RIGID PAVEMENT, FULL DEPTH

SAWCUT CEM CONCRETE SIDEWALK, FULL

SAWCUT ASPHALT CONCRETE. FULL DEPTH

CONSTRUCT VERTICAL BUTT JOINT. SEE SECTION 5-04.3(4)B.

> VIBRATION MONITORING REQUIRED FOR PAVEMENT REMOVAL WITHIN 10 FEET

HORIZONTALLY OF CAST IRON WATER MAIN.

SEE SECTION 1-07.16(1)B.

CONSTRUCTION NOTES

RESET EX MONUMENT & MONUMENT FRAME & COVER

2 PROTECT TRAFFIC ISLAND

3 REMOVE TRAFFIC CURB

(4) NOT USED

SCALE IN FEET

NOT FOR CONSTRUCTION 60% SUBMITTAL OCTOBER 2022

APPROVED FOR ADVERTISING LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE INITIALS AND DATE EVIEWED: DESIGNED HECKED PROJ. MGF RECEIVED CHECKED ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MA

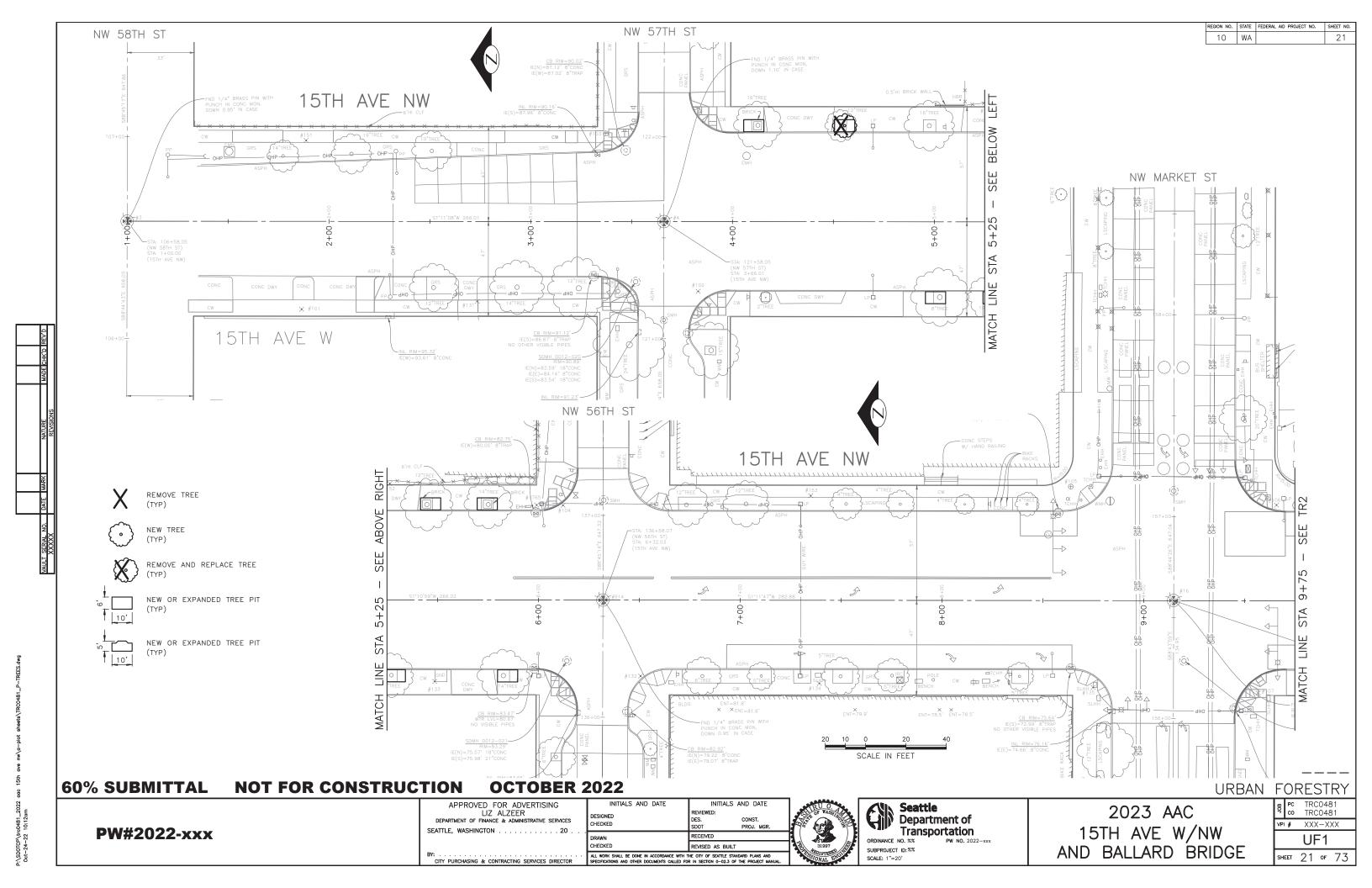


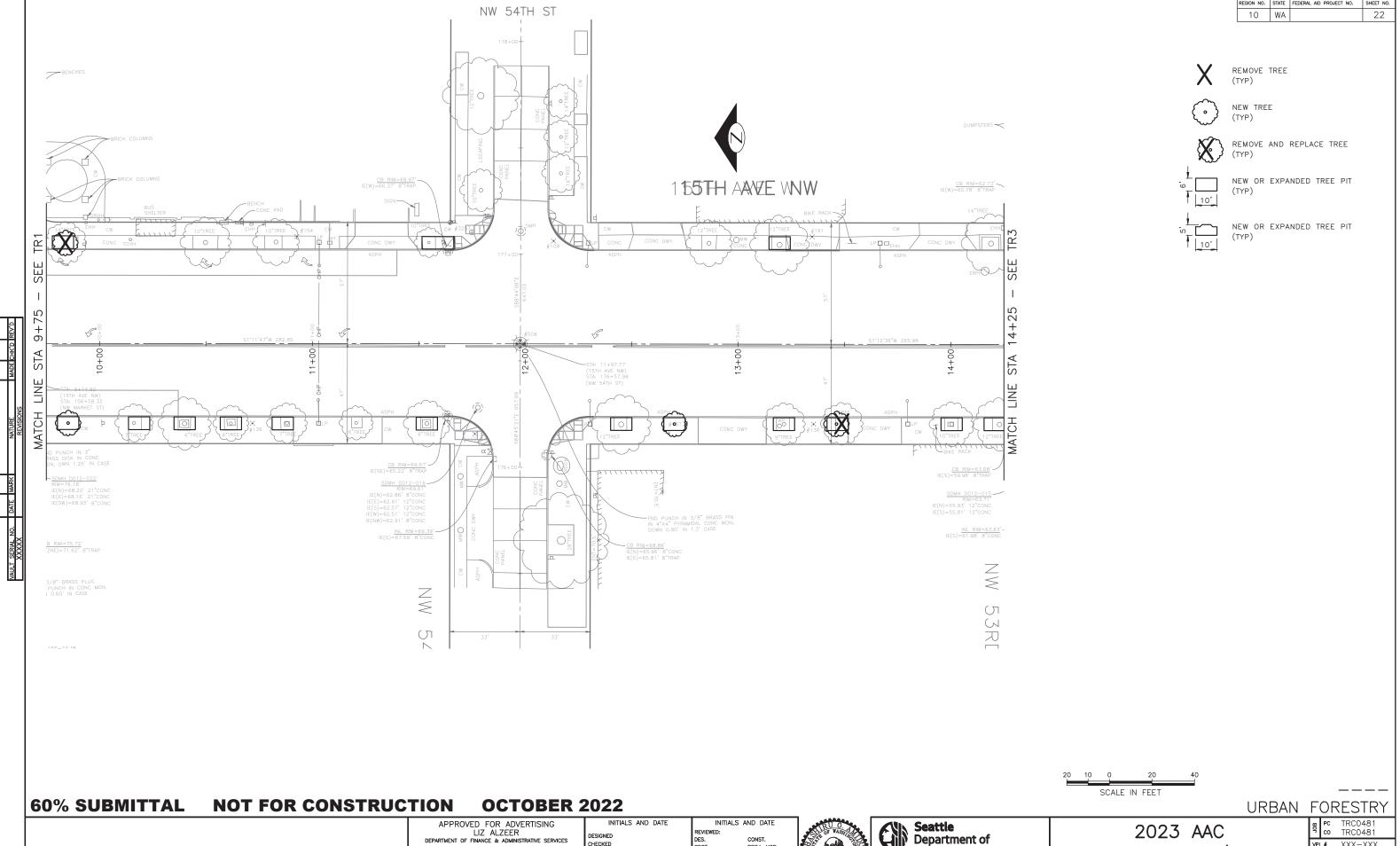


2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

SITE PREPARATION PC TRC0481 co TRC0481 VPI # XXX-XXX **SP10** SHEET 20 OF 73

PW#2022-xxx





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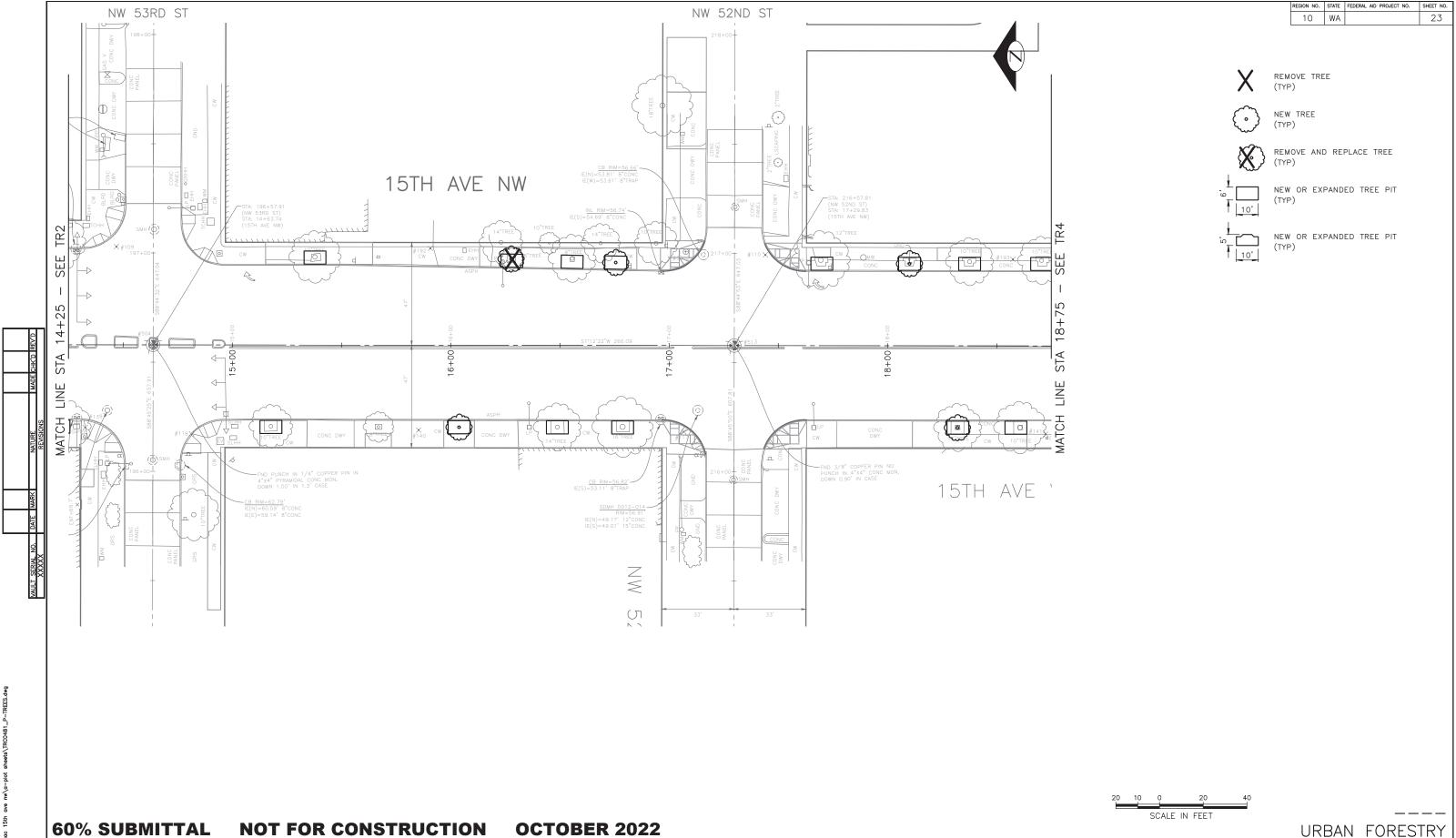
SEATTLE, WASHINGTON 20

PW#2022-xxx

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

Department of Transportation

VPI # XXX-XXX UF2 SHEET 22 OF 73



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Seattle

Department of Transportation

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES

SEATTLE, WASHINGTON 20

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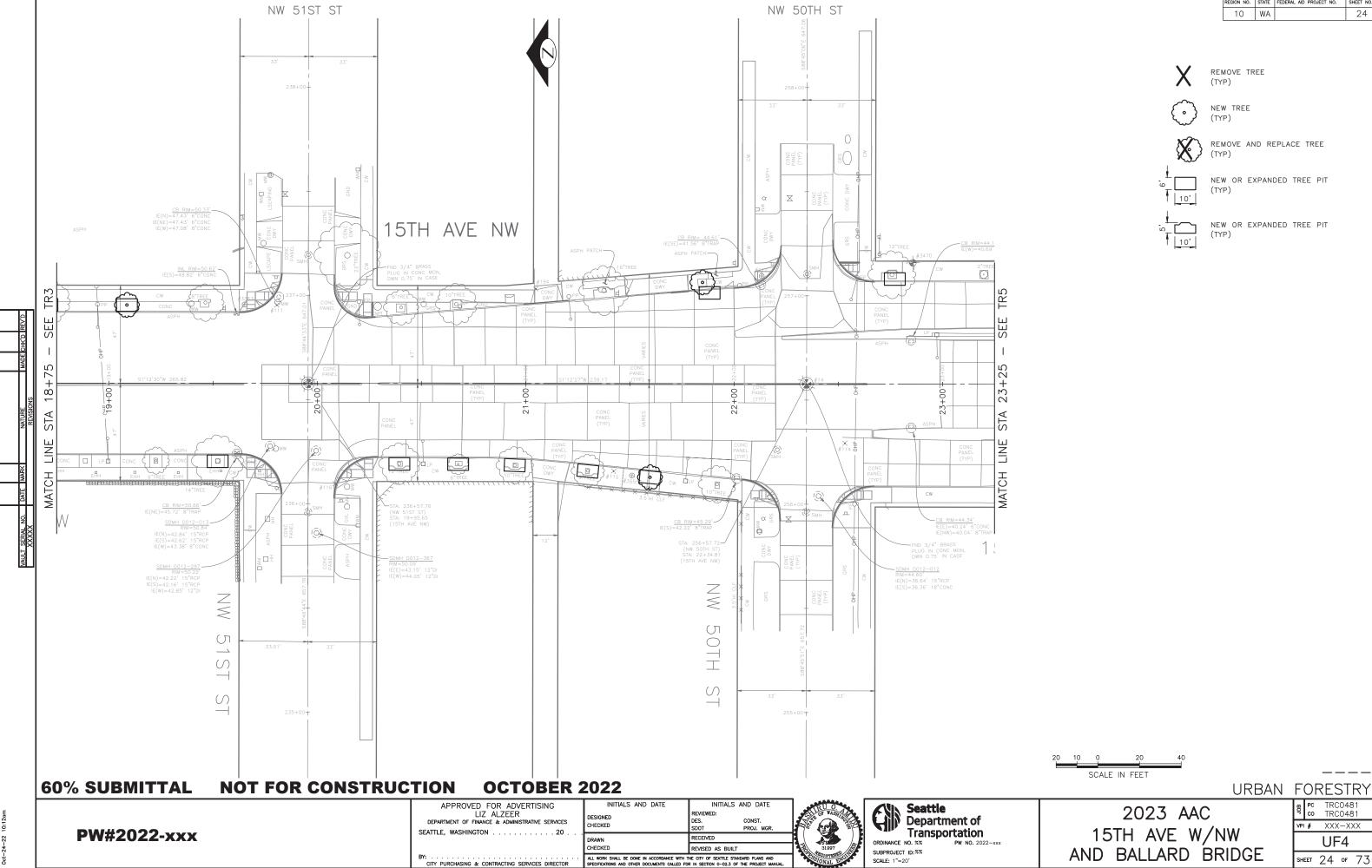
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PW#2022-xxx

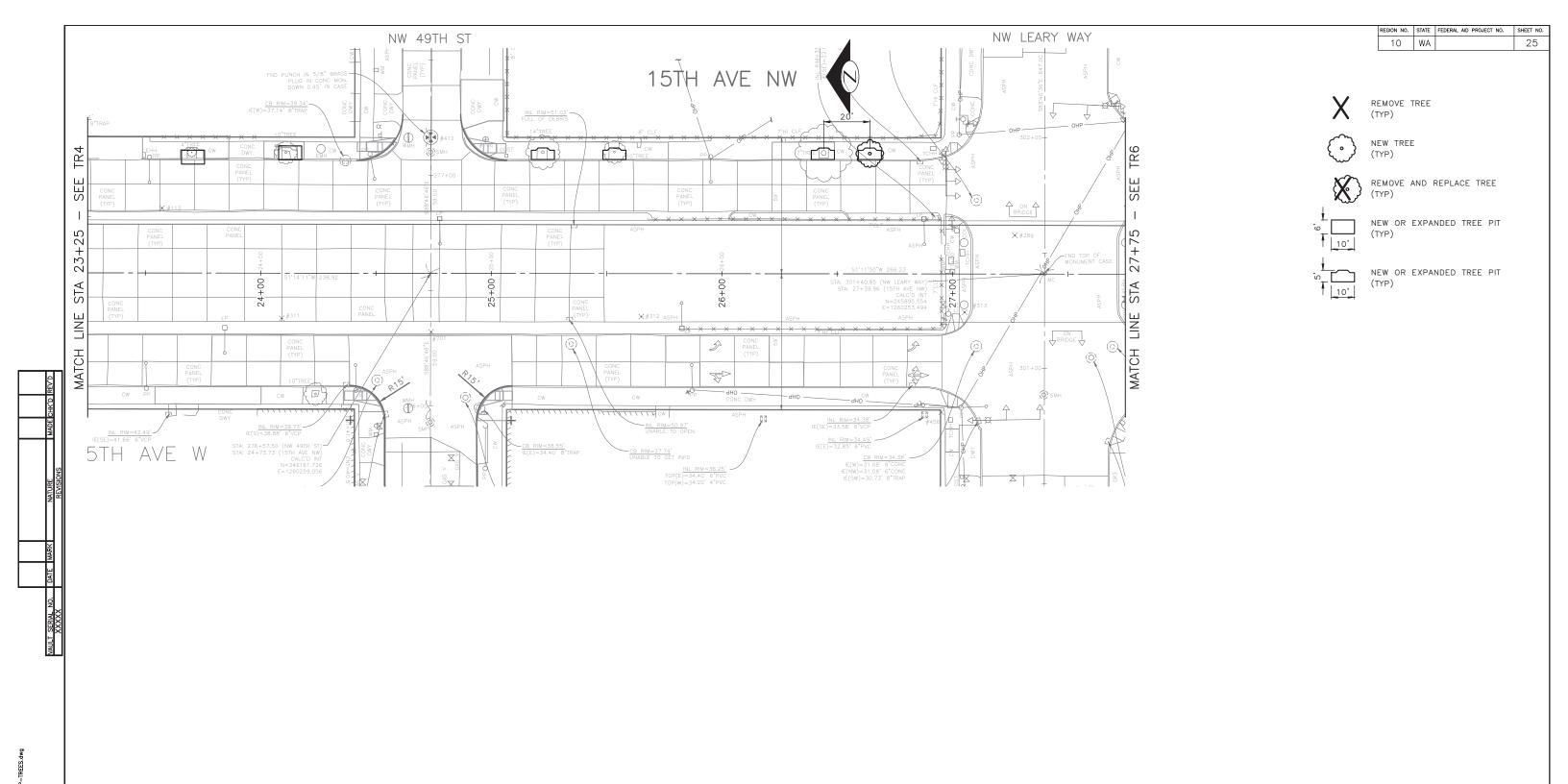
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE PC TRC0481
TRC0481
VPI # XXX-XXX

UF3

SHEET 23 OF 73



SHEET 24 OF 73



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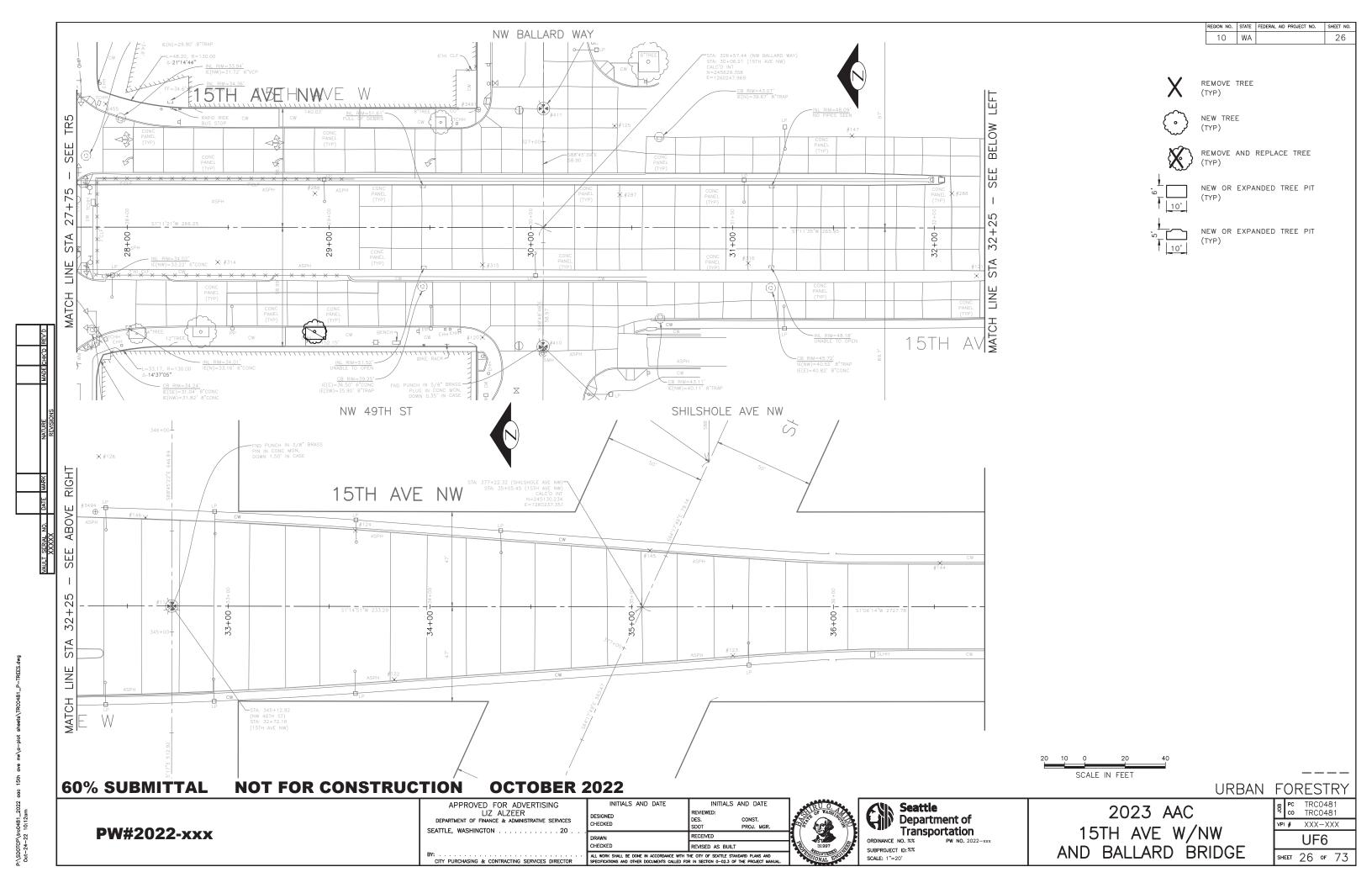
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

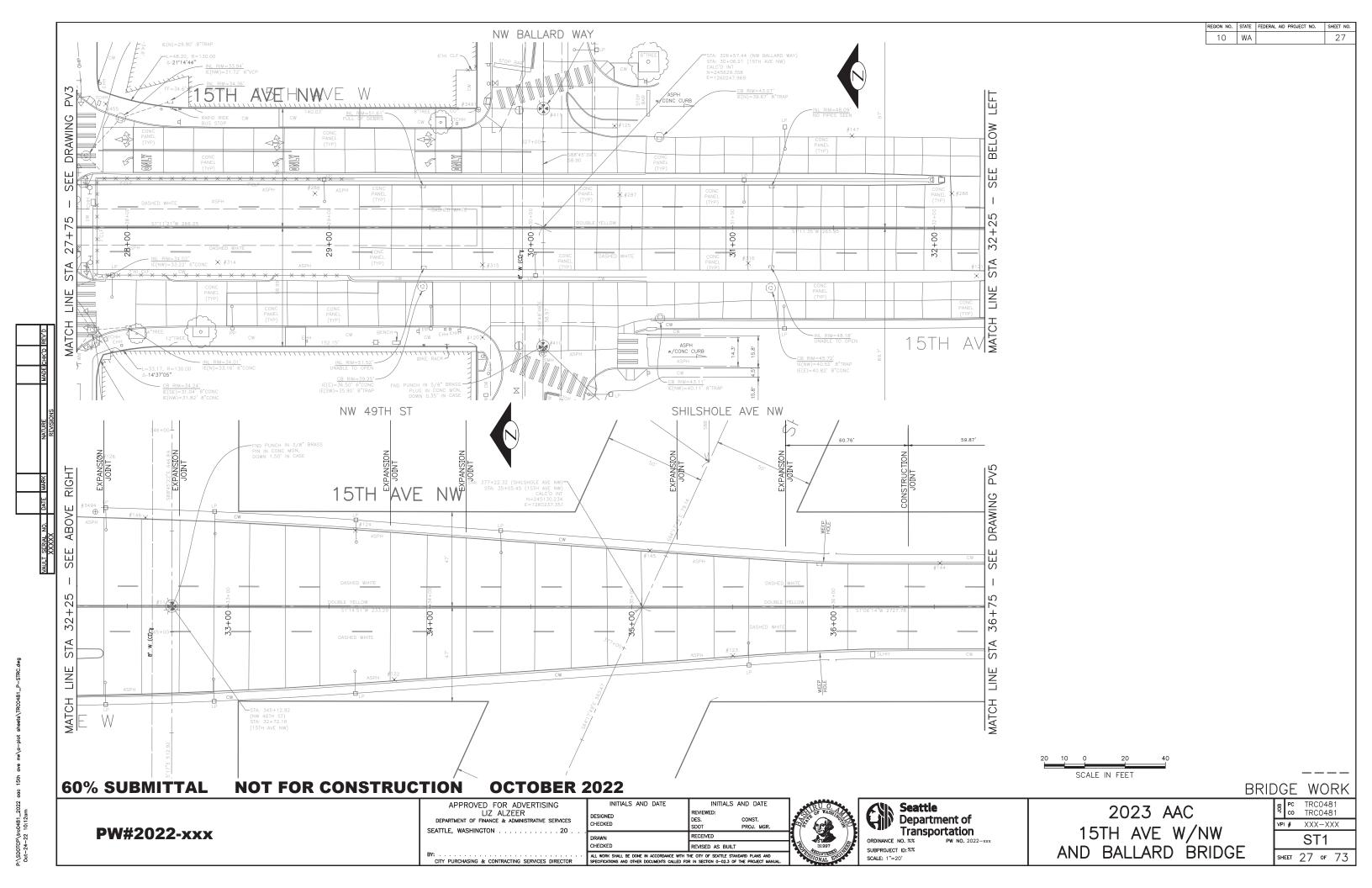
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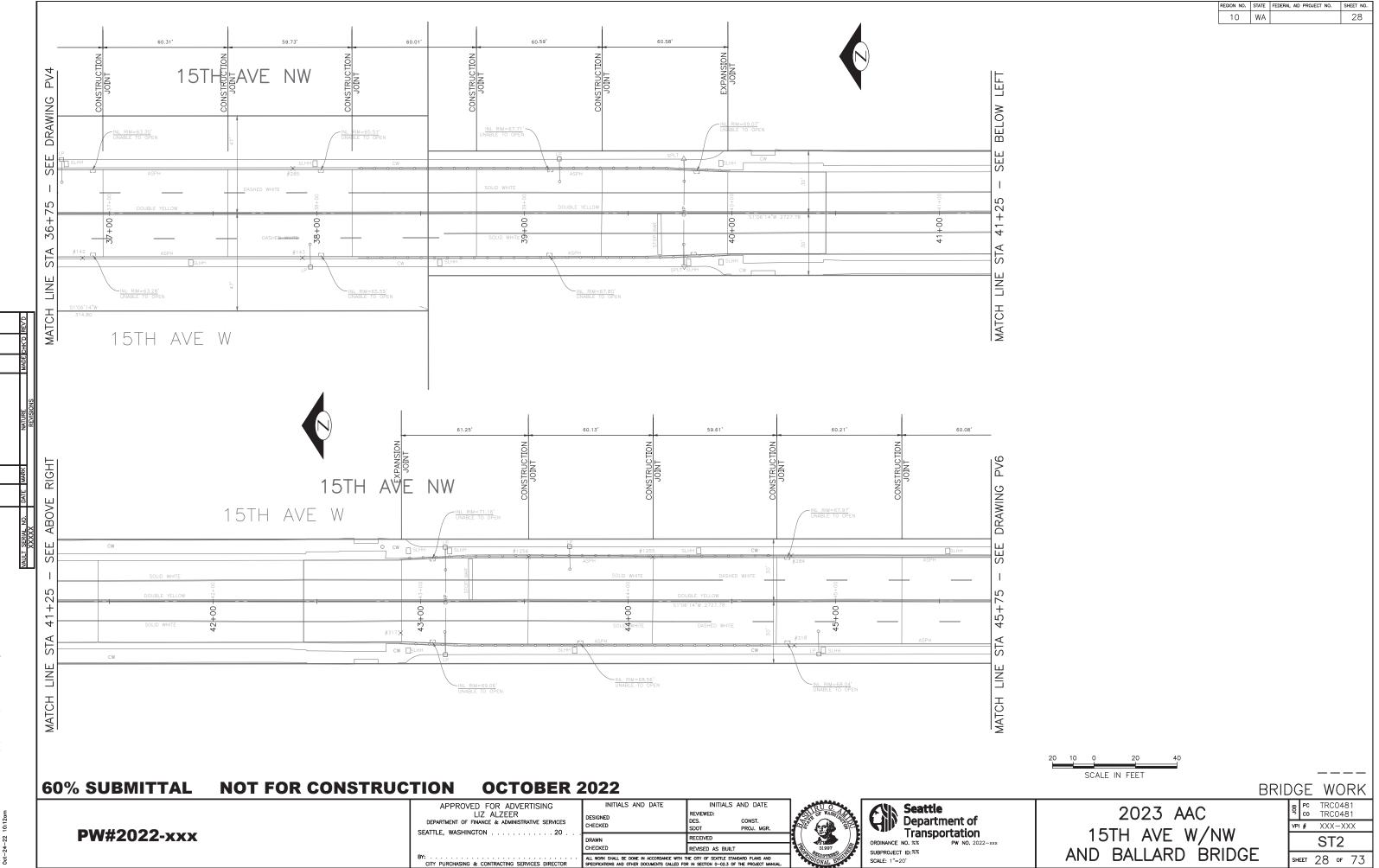
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SHEET 25 OF 73

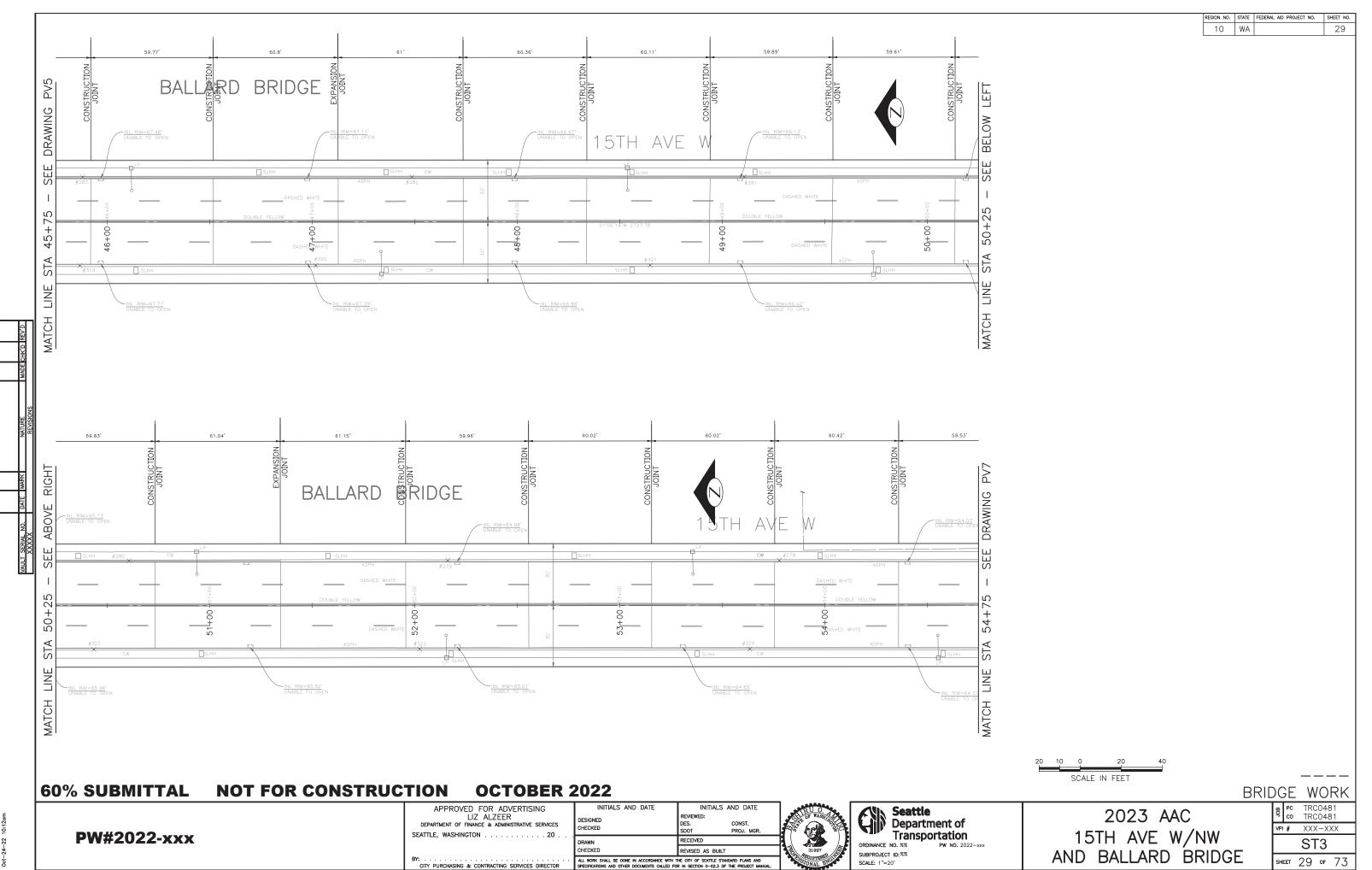
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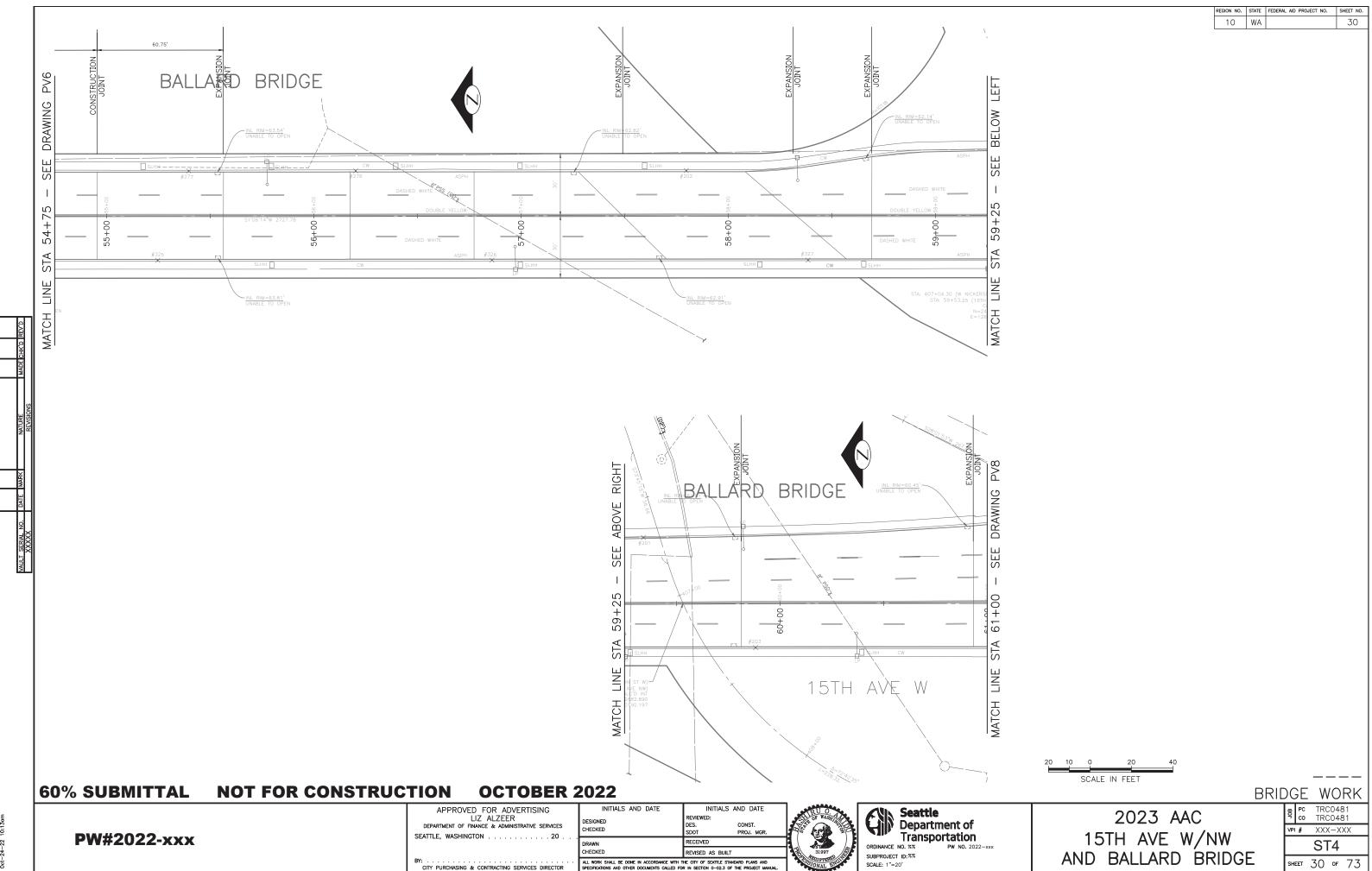




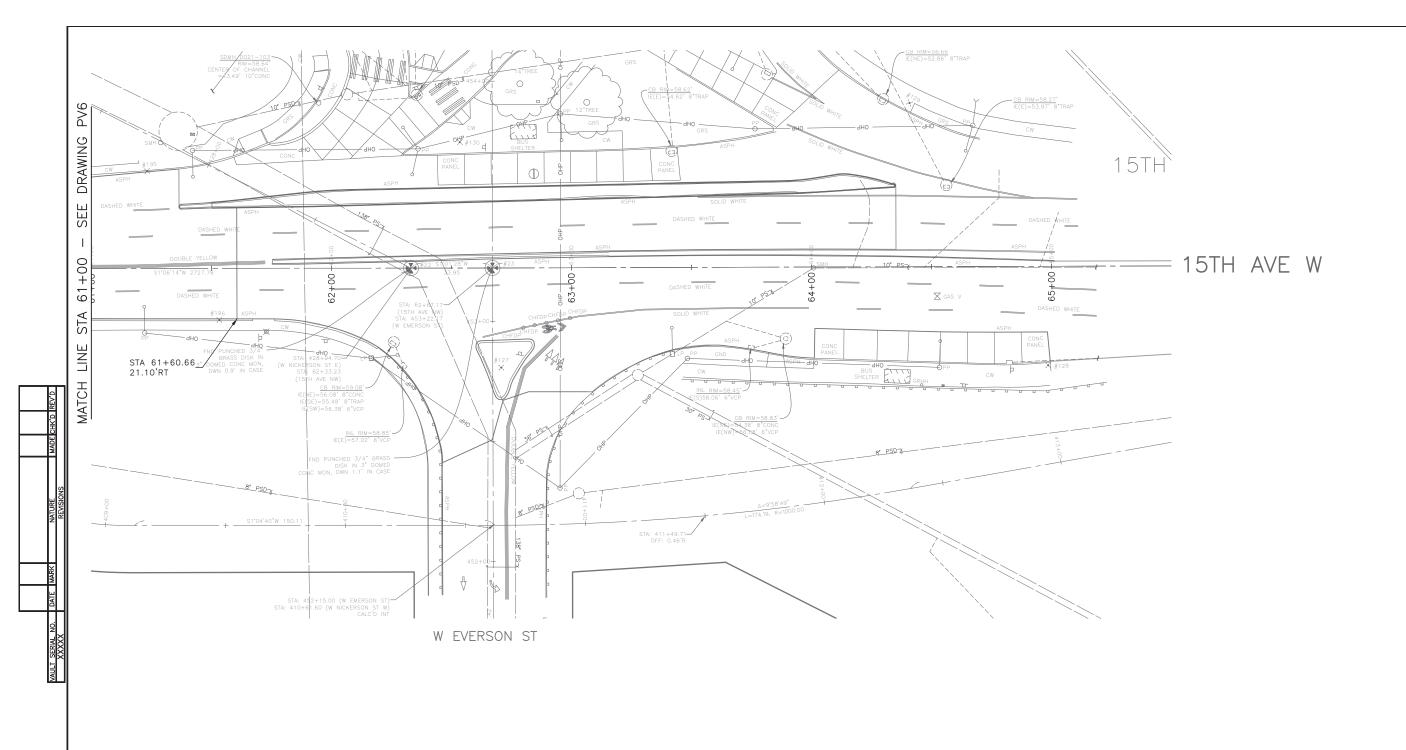
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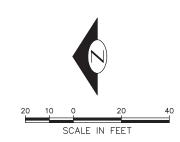


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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 . PW#2022-xxx

INITIALS AND DATE	INITIALS AND DATE				
DESIGNED CHECKED	REVIEWED: DES. CONST. SDOT PROJ. MGR.				
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.					



Seattle
Department of
Transportation

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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	VPI	#	XXX	⟨-X	XX	
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REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.

10 WA

ASPH OVERLAY TAPERS FROM 4" TO 3" ASPHOVERLAY TAPERS FROM 4" TO 3" ASPHOVERLAY TAPERS FROM 4" TO 3" ASPHOVED EQUAL TAPERS FROM 3" TO 11/4"

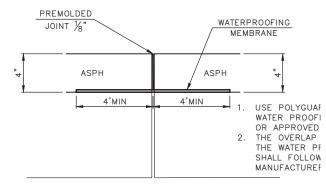
OVERLAY TRANSITION OF THE APPROACH TO THE BASCULE

(TYPICAL ON BOTH ENDS OF THE BASCULE AND AT THE NORTH END JOINT THAT TERMINATES AT THE SOUTH END OF THE LEARY WAY BRIDGE. SEE DETAIL ____ ON SHEET ____)

EXPANSION JOINT GAP WIDTH RECORDED IN 1993

TEMPERATURE 50°F						
JOINT#	SPAN LENGTH IN FEET	MEASURED GAP IN INCHES		JOINT DETAIL *	REMARKS	
	FEET	А	В			
1	75	1.81	1.19	B, D, F, C		
2	93	1.63	1.31	A-1, E, C		
3	56	2.06	1.13	A-1, E, C		
4	79	1.13	0.75	J		
5	138	1.81	1.56	J		
6	308	1.94	1.63	J		
7	422	1.81	1.5	J		
8	421	2	1.63	J		
9	211	1.81	1.56	J		
10	211	1.81	1.56	J		
11	290	1.5	1.19	A, J		
12				I, H		
13	169	1.44	1.31	A, J		
14				I, H		
15	89	1	0.38	K, J		
16				I, H		

* SEE COS PLAN 865-42 SHEETS 1 AND 2



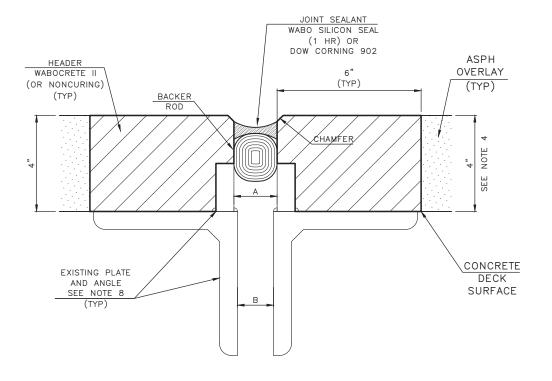
TYPICAL CONCRETE SLAB EXPANSION JOINT TOTAL 24

(TYPICAL FOR ALL SLAB EXPANSION JOINTS AND JOINTS WITH DETAILS I AND H)

(NTS)

NOTE:

- EXISTING POLYMER HEADER SHOULD BE REMOVED CAREFULLY SO THAT THE STEEL ARMOR OF THE JOINT IS NOT DAMAGED.
- AFTER REMOVING THE HEADER AND SEALANT, CLEAN ALL BITUMINOUS MATERIAL, DIRT, GREASE, OR ANY OF THE DELETERIOUS MATERIAL WITHIN 10 INCHES FROM EACH SIDE OF THE JOINT. THE SURFACE AREA OF THE DECK AND STEEL ARMOR WHERE THE HEADER WILL SEAT SHOULD BE CLEANED BY SAND BLASTING SO THAT ALL SUBSTRATES ARE CLEANED, AND THE SURFACE IS ROUGHENED.
- 3. BLOCK THE JOINT AREA BEFORE PLACING THE OVERLAY. SAW CUT THE OVERLAY WHERE THE HEADER WILL BE PLACED. BEFORE PLACING THE HEADER, CHECK THE SUBSTRATE IS CLEAN AND DRY. HEADER MATERIAL IS SENSITIVE TO MOISTURE AND SHALL BE INSTALLED WHEN THE SURFACE IS DRY AND NO RAINING.
- 4. YOU MAY USE WABOCRETE II FOR THE HEADER AND WABO SILICON SEAL FOR THE SEALANT OR APPROVED EQUAL. THE DEPTH OF THE HEADER SHOULD MATCH THE DEPTH OF THE ASPHALT OVERLAY.
- JOINT OPENING MAY VARY FROM ONE TO THE OTHER AS SHOWN IN THE TABLE ABOVE. THE GAP WIDTH SHOWN IN THIS TABLE SHOULD BE VERIFIED WHEN THE EXISTING HEADER AND SEALANT IS REMOVED.
- 6. AFTER THE HEADER IS SET, PLACE A BACKER ROD TO THE REQUIRED DEPTH AS RECOMMENDED BY THE SEALANT MANUFACTURER. THE BACKER ROD FOAM SHALL BE 25% LARGER THAN THE JOINT OPENING.
- 7. IF THE CONTRACTOR HAS A DIFFERENT JOINT DETAIL PLAN, IT CAN BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL
- 8. THE JOINT DETAIL REPAIR SHOWN HERE IS APPLICABLE TO MOST OF THE EXPANSION JOINTS WHICH HAVE LITTLE DIFFERENCE IN TERMS OF THE ARMOR. IN JOINT DETAILS C AND E, THE WELDED RAISER BAR HAS STIFFENER GUSSET PLATES. DESPITE FEW DIFFERENCES IN THE STEEL ARMOR, THE REPAIR IS APPLICABLE TO ALL JOINT TYPES EXCEPT FOR I & H JOINT DETAILS WHICH IS JOINT 12, 14 & 15.
- 9. FOR JOINTS 12, 14 AND 16 THAT HAVE I & H DETAILS, THE REPAIR FOR SLAB EXPANSION JOINTS WILL WORK. SEE DETAIL.
- 10. IF ANY OF THE STEEL BARS ARE LOOSE AND MISSING, REMOVE THE LOOSE ONE AND THE HEADER CAN BE PLACED ON TOP OF THE JOINT ARMOR.



ASPH OVERLAY
TAPERS FROM 4" TO 3'

TYPICAL EXPANSION JOINT
TOTAL 16
SEE ALSO NOTE
(NTS)

BALLARD BRIDGE ASPHALT OVERLAY

JOINT REPAIR DETAIL

60% SUBMITTAL NOT FOR CONSTRUCTION OCTOBER 2022



POLYESTER POLYMER MODIFIED CONCRETE

OR APPROVED EQUAL

TAPERS FROM 3" TO $1\frac{1}{4}$ "

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

BRIDGE WORK DETAILS

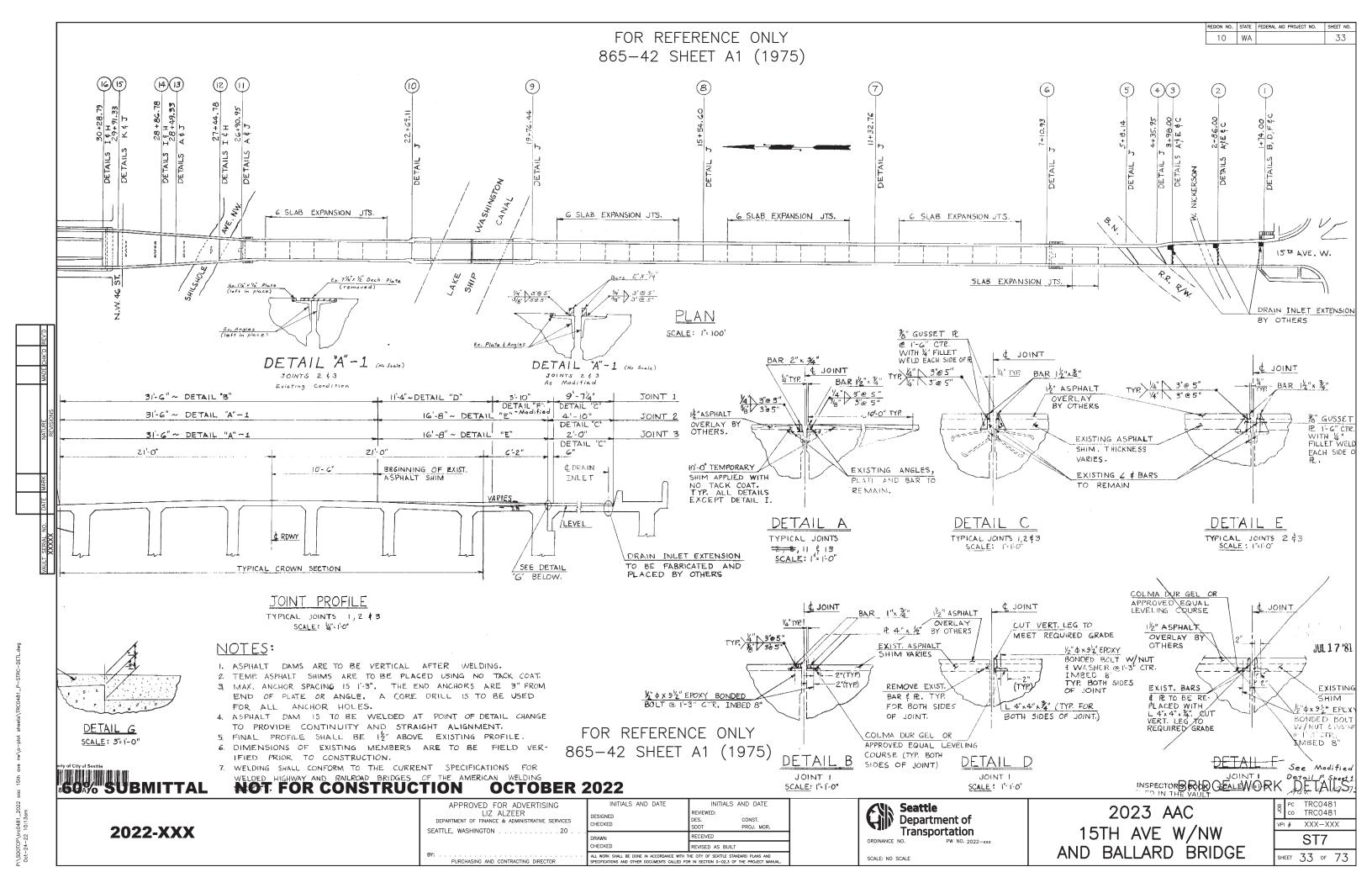
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W/NW
BRIDGE

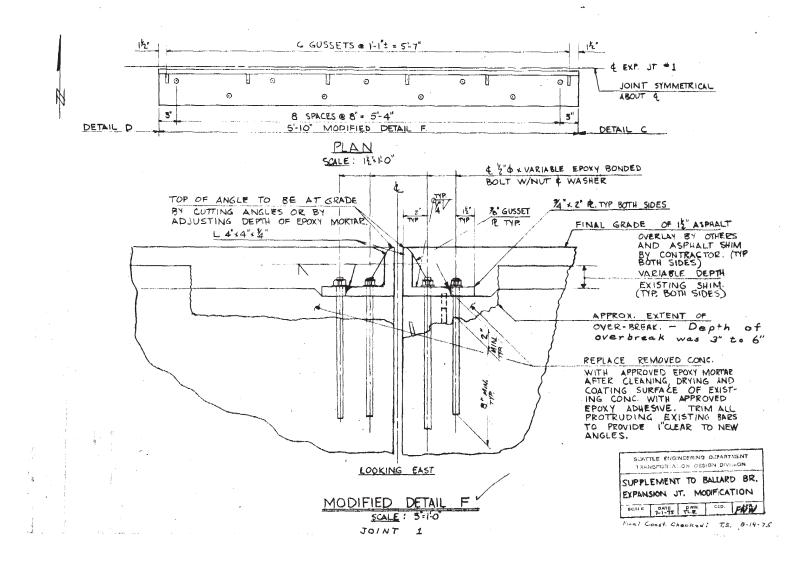
SHEET 32 OF 73

REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.

32

10 WA





FOR REFERENCE ONLY 865-42 SHEET A1A (1975)

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BRIDGE WORK DETAILS

2022-XXX

PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE INITIALS AND DATE

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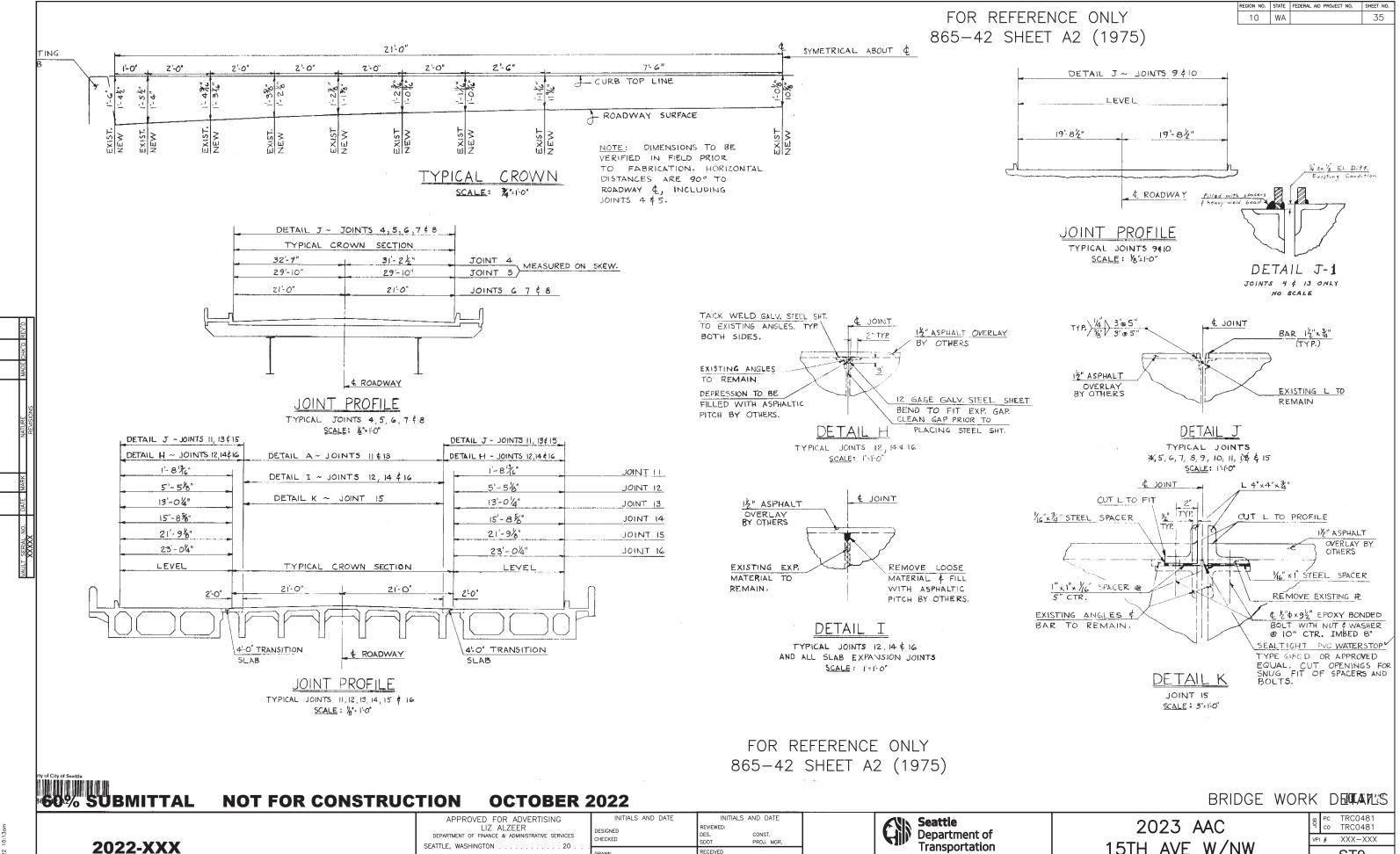
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION O-02.3 OF THE PROJECT MANUAL.

Seattle
Department of
Transportation
ORDINANCE NO. PW NO. 2022-XXX

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE | PC | TRC0481 |



ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAY

PURCHASING AND CONTRACTING DIRECTOR

15TH AVE W/NW AND BALLARD BRIDGE

ST9 SHEET 35 OF 73

NOT INCLUDED
IN THE
60% REVIEW

60% SUBMITTAL NOT FOR CONSTRUCTION OCTOBER 2022

ROADWAY SECTIONS

2022-XXX

INITIALS AND DATE

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAN

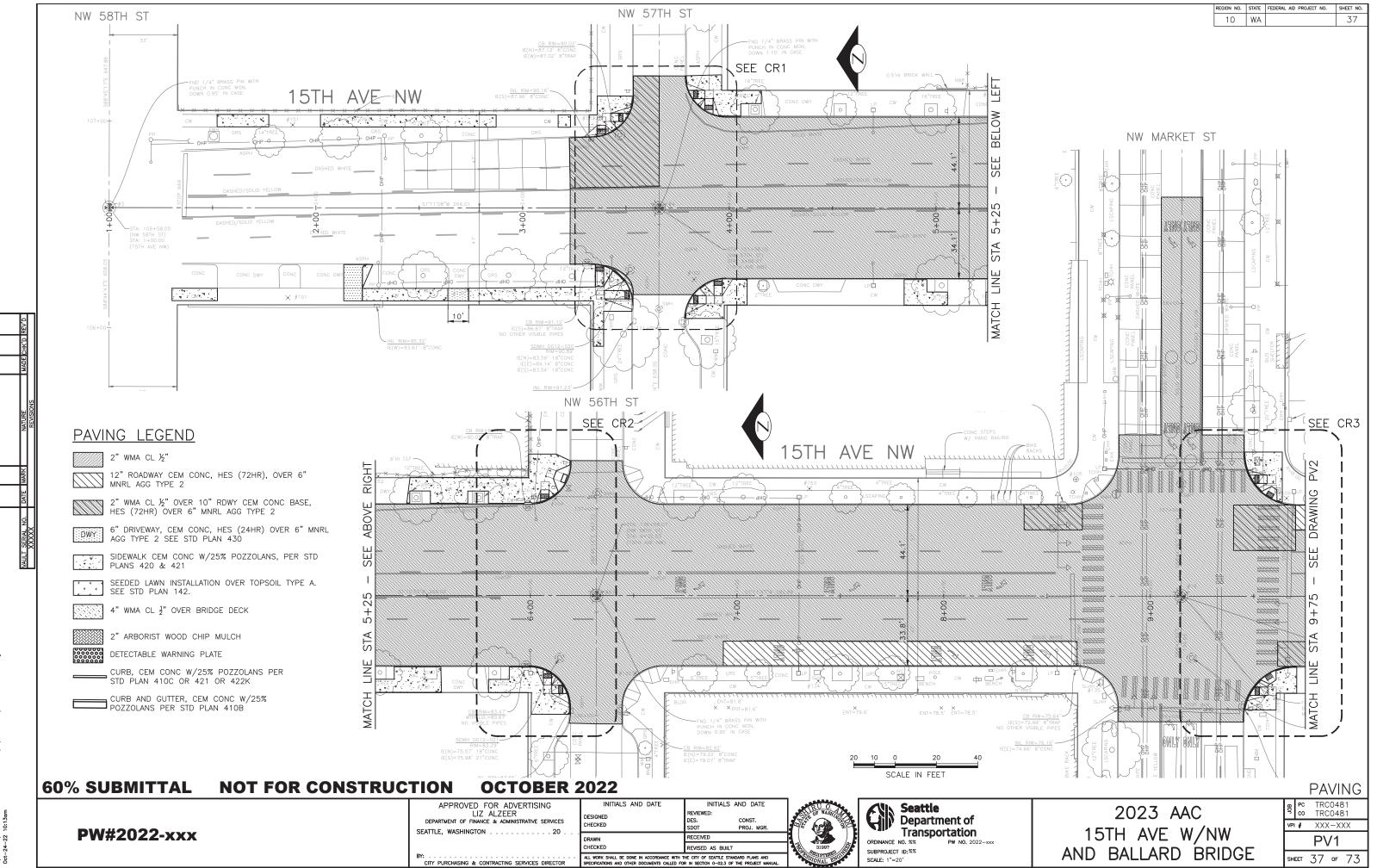




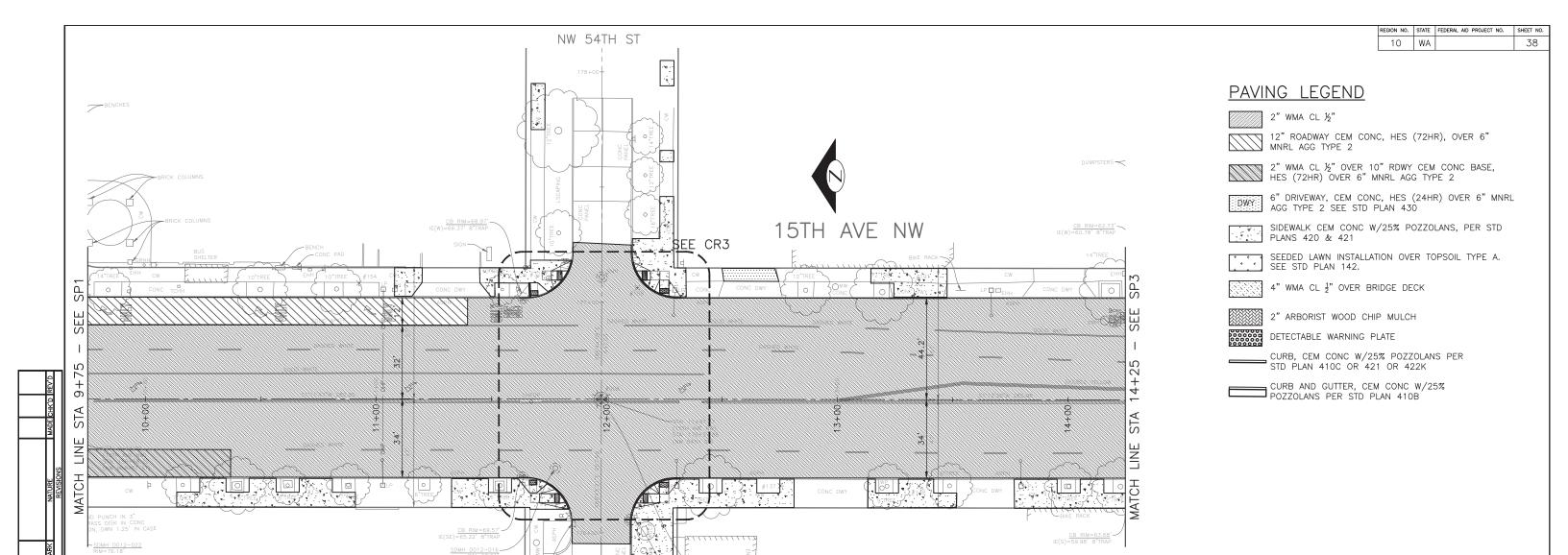
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE | PC | TRC0481 | CO | TRC0481 | VPI # | XXX-XXX | | RS1

SHEET 36 OF 73

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SDMH D012-015-RIM=63.71

INL RIM=63.63' IE(S)=61.98' 8"CONC

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

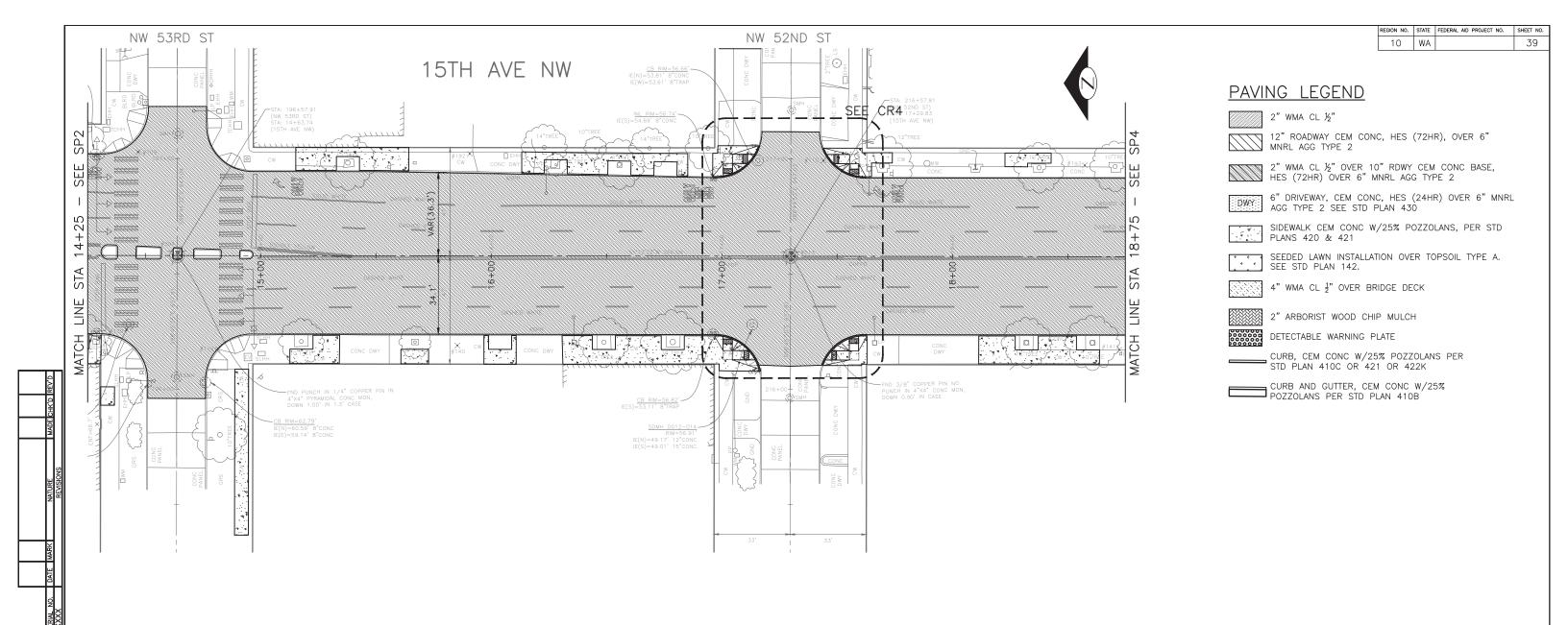
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PAVING PC TRC0481 co TRC0481 VPI # XXX-XXX PV2 SHEET 38 OF 73

PW#2022-xxx

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Seattle Department of Transportation

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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PW#2022-xxx

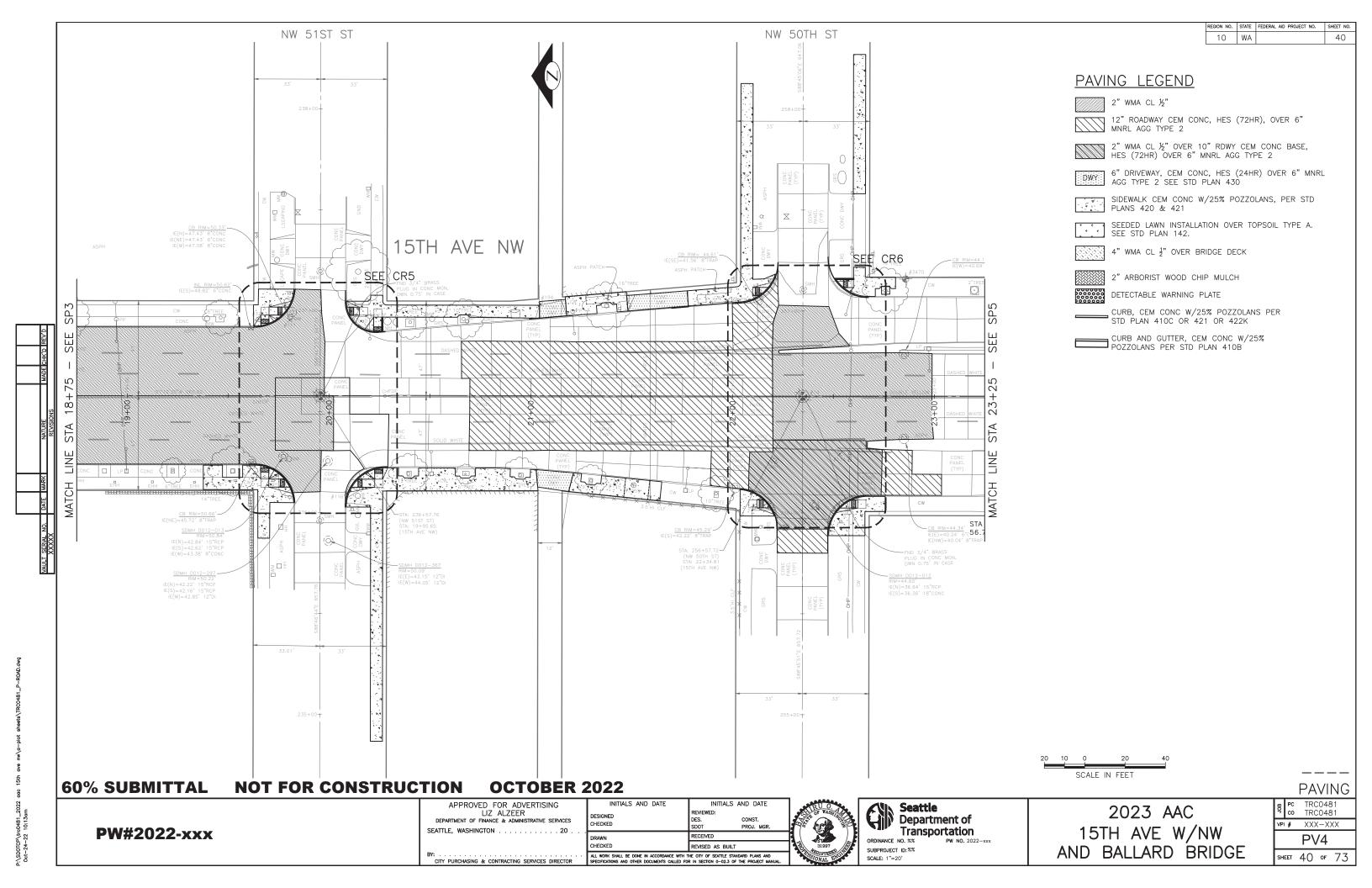
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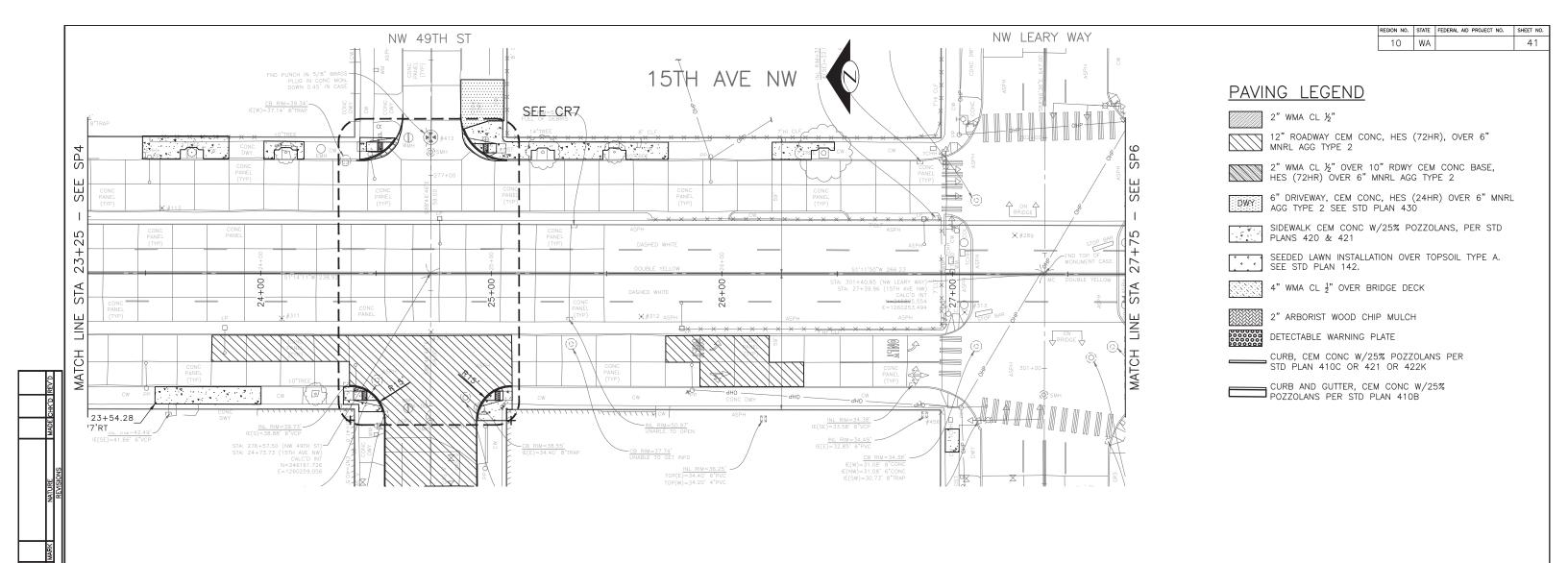
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SCALE: 1"=20'

SCALE IN FEET

SHEET 39 OF 73





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2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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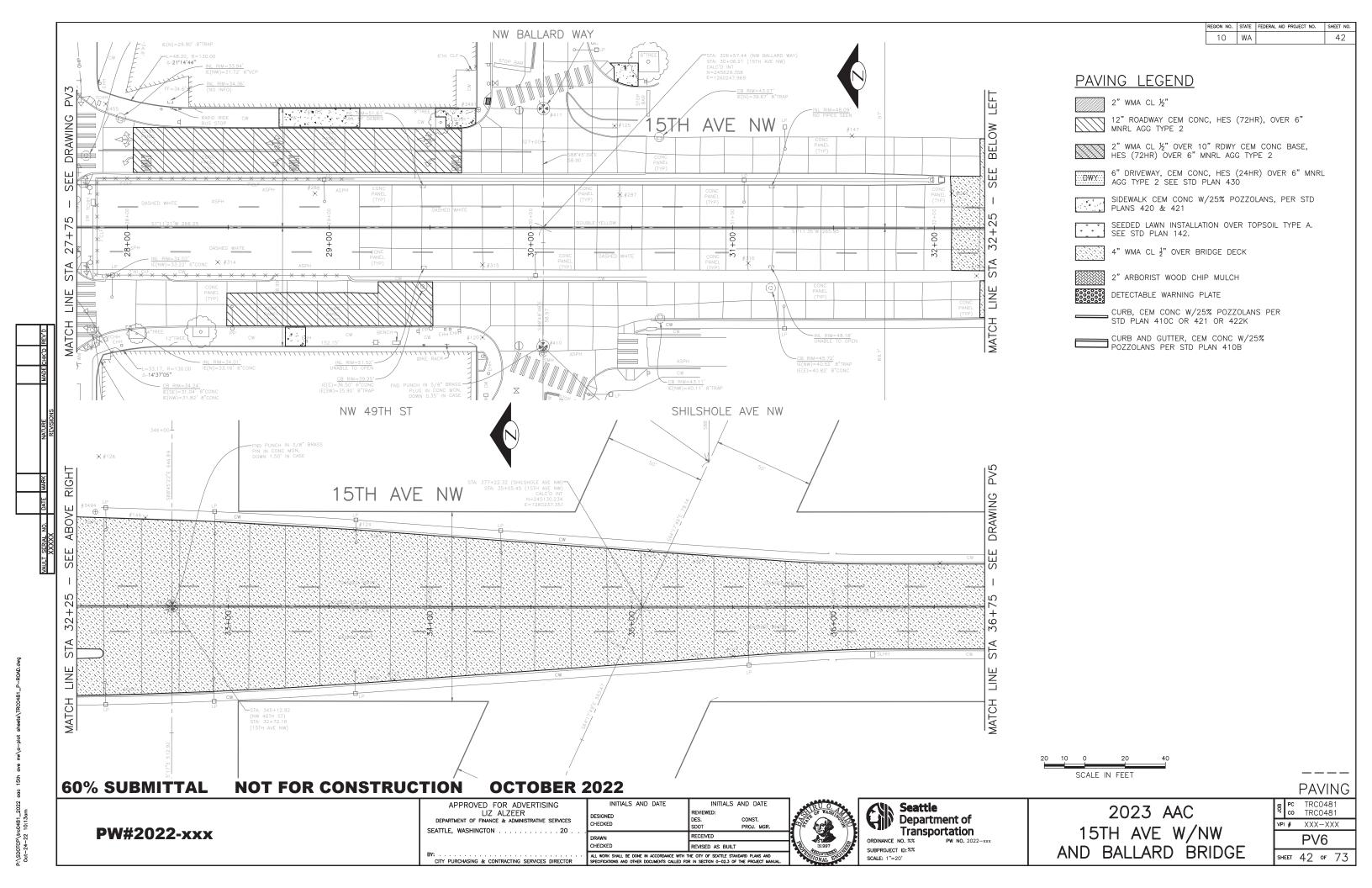
PV5 SHEET 41 OF 73

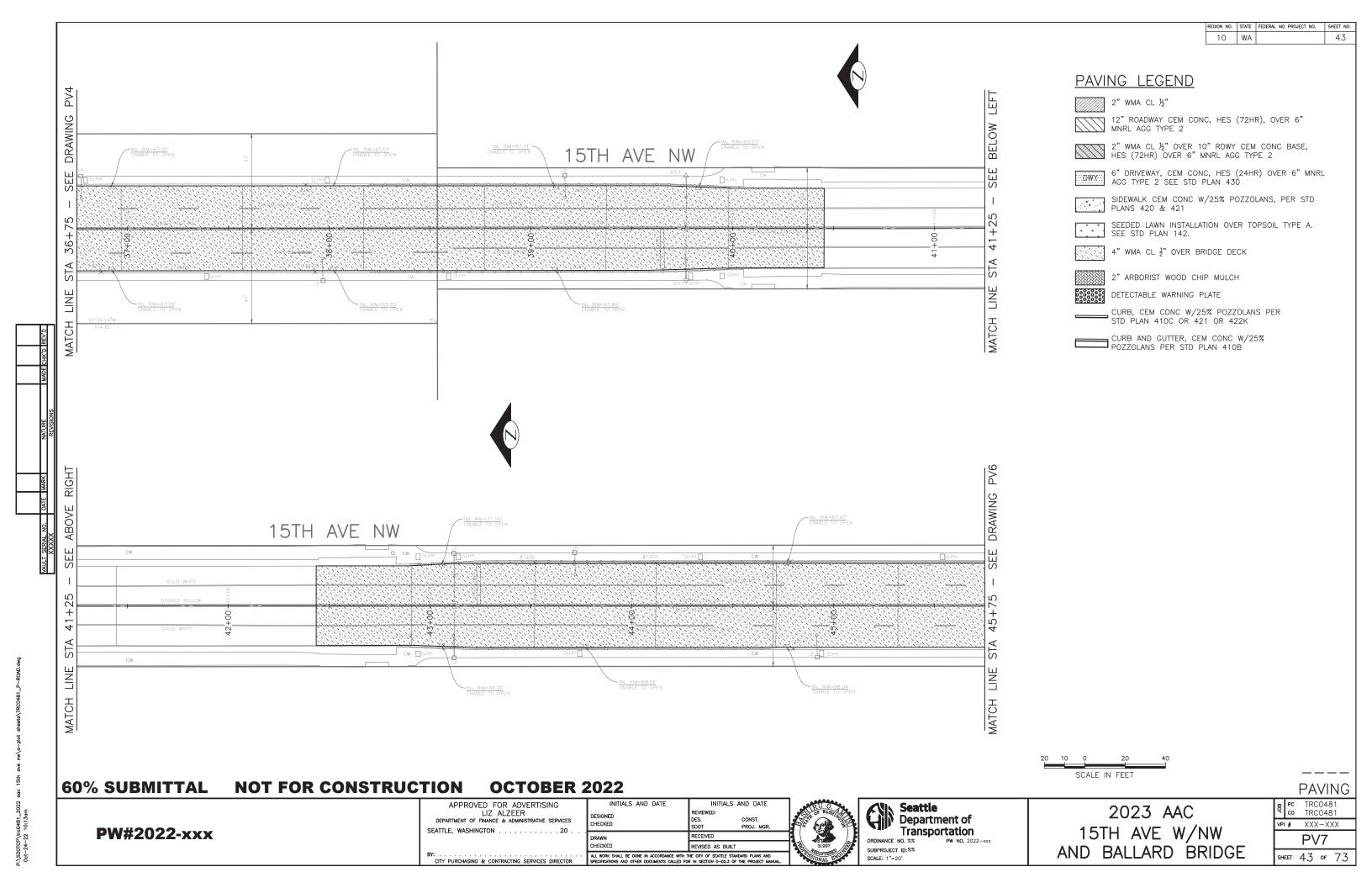
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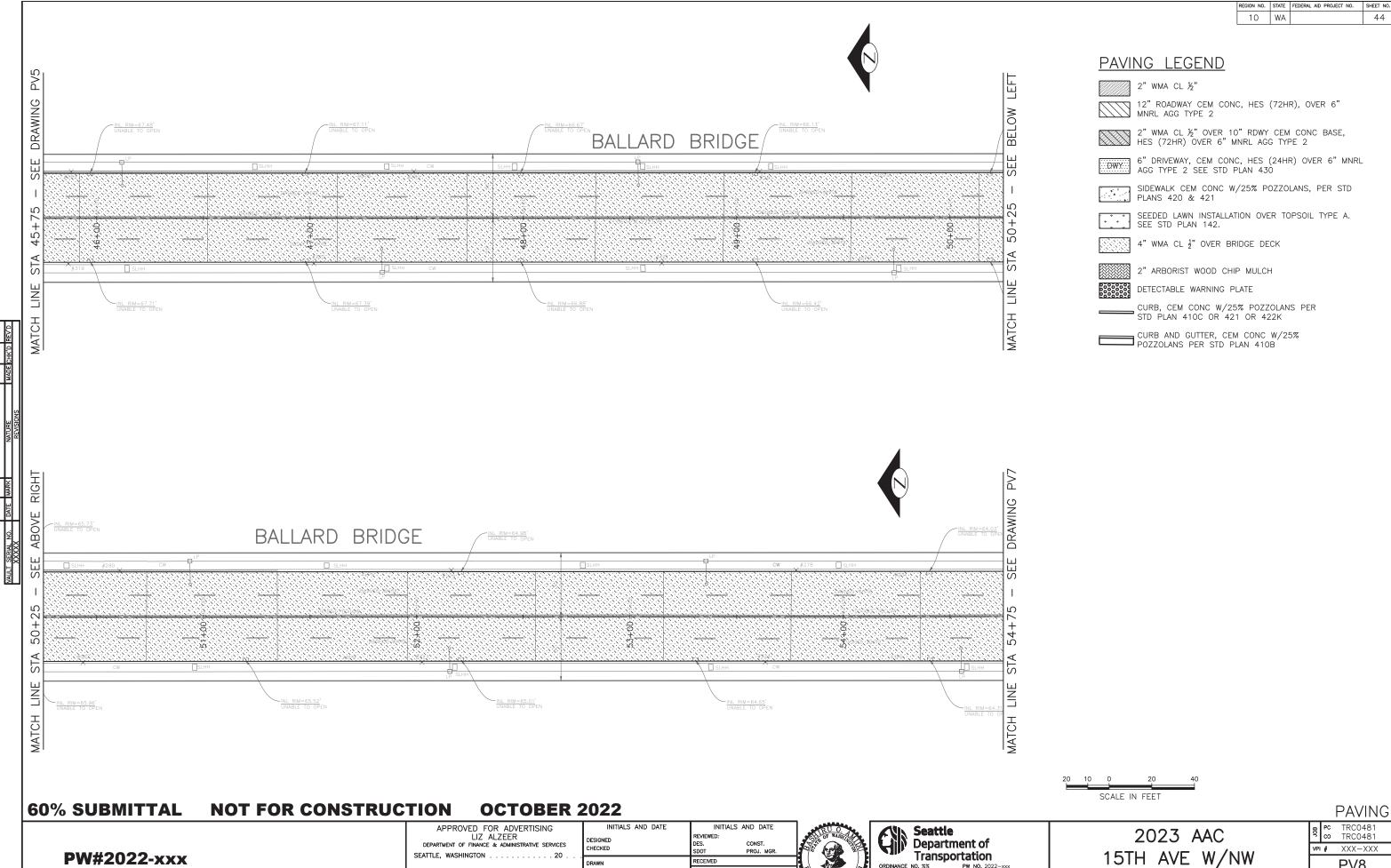
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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20

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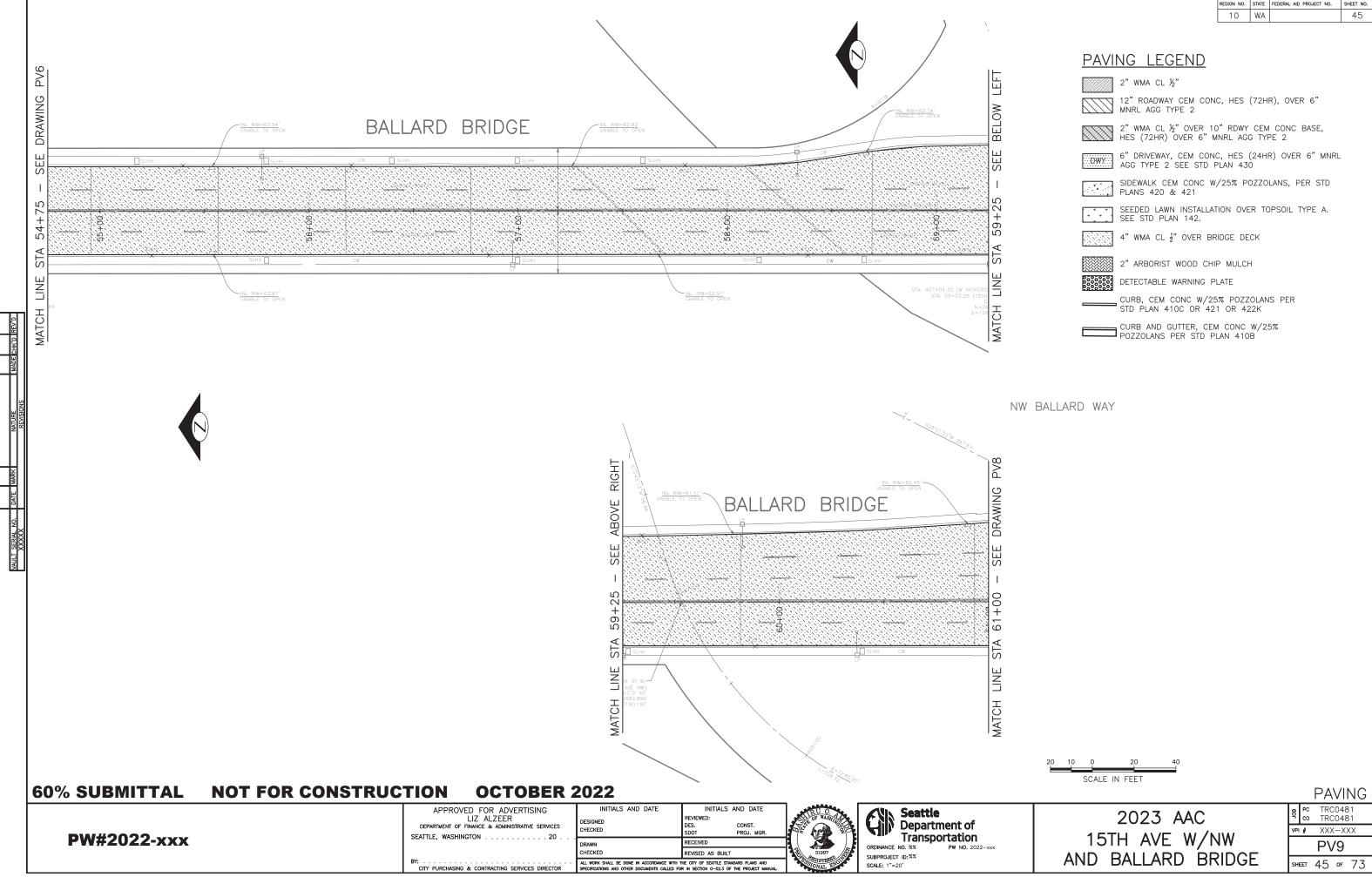
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SUBPROJECT ID: %%

PV8 SHEET 44 OF 73

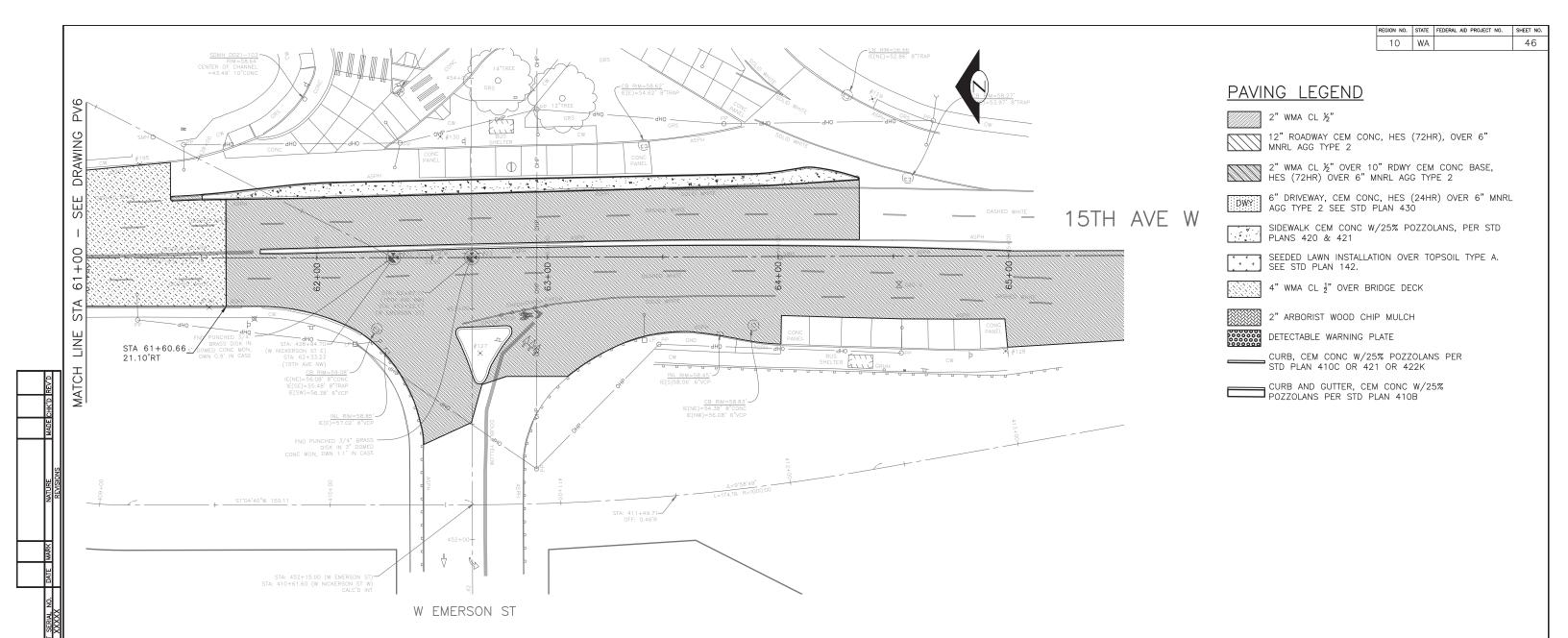
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AND BALLARD BRIDGE



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2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

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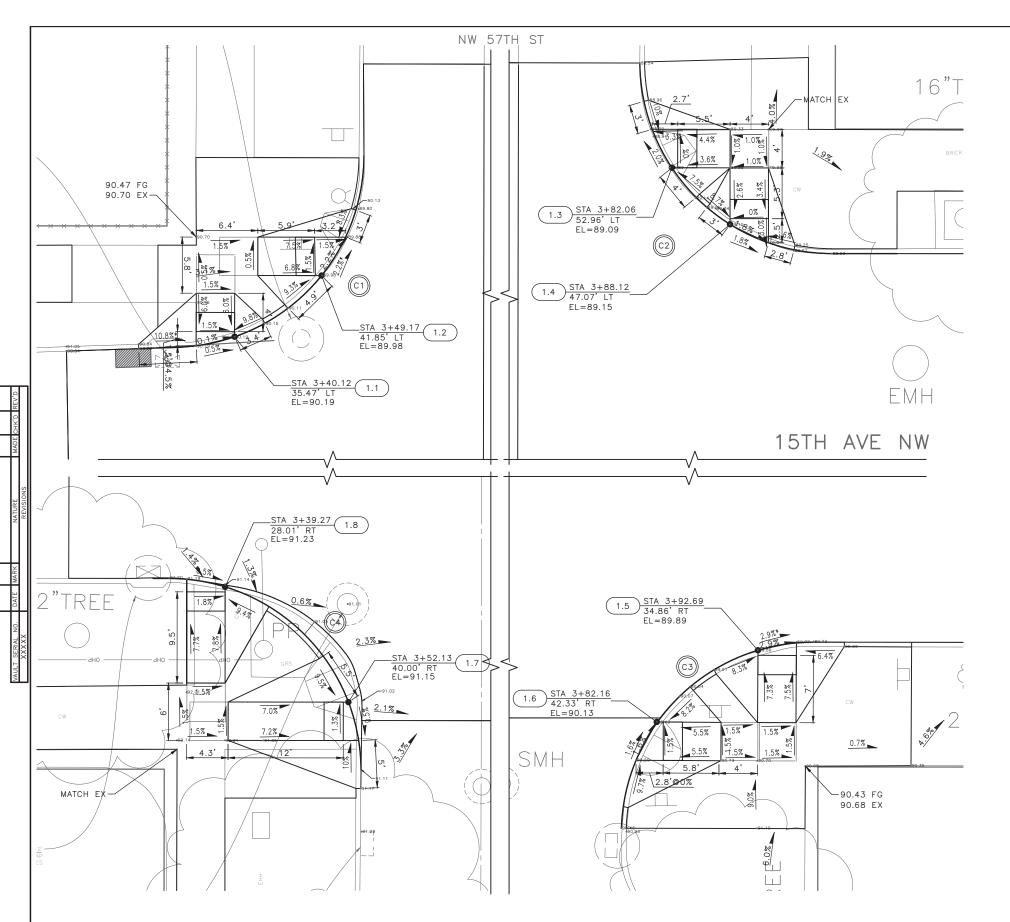
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PW#2022-xxx

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LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20 .
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- *1 RIGHT-OF WAY AVAILABILITY *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
 *4 DRAINAGE
 *5 HISTORIC FEATURE

MEF

CODE

PLAN

422D 422D

422D 1.4 422D 1.5

422D

422D 1.7 422D

1.8 422D

1.2 1.3

1.6

- *6 EXISTING ROAD/SIDEWALK SLOPES
 *7 EXISTING UTILITY VAULT OR UTILITY
 STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

10 WA 47

GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- 2. SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

LEGEND

· · · · GRADE BREAK

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
(C1)	RADIUS POINT	3+33.57	54.40'LT	N/A	
	PC	3+34.29	34.38'LT	90.24	Δ=87*51'53"
	1/4	3+41.72	36.10'LT	90.20'	L=30.67'
	1/2	3+47.96	40.48'LT	90.07	R=20.00' T=19.27'
	3/4	3+52.11	46.87'LT	89.88'	1=19.27
	PT	3+53.57	54.35'LT	89.53'	

CURB RETURN

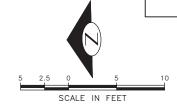
CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY	
(C2)	RADIUS POINT	3+98.72	64.00'LT	N/A		
	PC	3+78.72	63.86'LT	88.54'	Δ=89*31'58"	
	1/4	3+80.29	56.26'LT	89.00'	L=31.25'	
	1/2	3+84.64	49.82'LT	89.16'	R=20.00'	
	3/4	3+91.11	45.53'LT	89.09'	T=19.84'	
	PT	3+98.73	44.03'LT	88.93'		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	3+98.47	54.00'RT	N/A	
(C3)	PC	3+78.48	53.39'RT	90.46'	Δ=88°15'3"
_	1/4	3+80.17	45.92'RT	90.20'	L=30.81'
	1/2	3+84.55	39.64'RT	90.07	R=20.00' T=19.40'
	3/4	3+90.96	35.46'RT	89.89'	1=19.40
	PT	3+98.48	34.00'RT	89.73'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
(C4)	RADIUS POINT	3+33.44	47.10'RT	N/A	
	PC	3+33.46	27.14'RT	91.26	Δ=89*32'24"
	1/4	3+41.08	28.65'RT	91.23'	L=31.26'
	1/2	3+47.54	32.95'RT	91.19'	R=20.00' T=19.84'
	3/4	3+51.88	39.39'RT	91.15'	1=19.84
	PT	3+53.44	47.00'RT	91.11	



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PW#2022-xxx

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

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2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

CURB RAMPS PC TRC0481 CO TRC0481 /PI # XXX-XXX CR1 SHEET 47 OF 73

NW 57TH ST

- *1 RIGHT-OF WAY AVAILABILITY
 *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE

- WALL, AREAWAY, OR BRIDGE

 *3 ADJACENT DEVELOPED FACILITY

 *4 DRAINAGE

 *5 HISTORIC FEATURE

 *6 EXISTING ROAD/SIDEWALK SLOPES

 *7 EXISTING UTILITY VAULT OR UTILITY
 STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

10	WA		48	
REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	ı

GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- 2. SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

LEGEND

· · · · GRADE BREAK

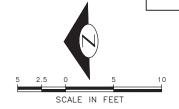
XX	STD PLAN	MEF CODE	
1.1	422D		
1.2	422D	6	
1.3	422D		
1.4	422D		
1.5	422D		
1.6	422D		
1.7	422D		
1.8	422D		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	5+99.58	64.10'LT	N/A	
(61)	PC	6+03.01	44.41'LT	82.82'	Δ=80°2'31"
	1/4	6+09.54	46.77'LT	82.61'	L=27.94'
	1/2	6+14.88	51.23'LT	82.26'	R=20.00' T=16.79'
	3/4	6+18.37	57.24'LT	81.72'	1=10./9
	PT	6+19.58	64.08'LT	81.27	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
(C2)	RADIUS POINT	5+99.43	54.10'RT	N/A	
	PC	6+19.43	54.10'RT	83.63'	Δ=89*59'6"
	1/4	6+17.91	46.45'RT	83.62'	L=31.41'
	1/2	6+13.58	39.96'RT	83.51'	R=20.00'
	3/4	6+07.09	35.62'RT	83.48'	T=19.99'
	PT	5+99.44	34.10'RT	83.51'	



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__MATCH EX'

CURB RAMPS

PW#2022-xxx

EX=84.39' INSTALL 4IN CURB-

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> DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

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2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

NOB	PC CO		048 048		
VPI #		XXX	xxx-xxx		
CR2					
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- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
 *4 DRAINAGE
 *5 HISTORIC FEATURE

- *6 EXISTING ROAD/SIDEWALK SLOPES
 *7 EXISTING UTILITY VAULT OR UTILITY
 STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

10 WA 49

GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- 2. SEE PAVING PLANS FOR ALIGNMENT

LEGEND

GRADE BREAK

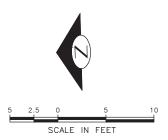
CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	9+70.02	68.90'LT	N/A	
(C1)	PC	9+70.22	44.10'LT	74.04	Δ=92*12'44"
0	1/4	9+60.49	46.00'LT	74.12'	L=39.91'
	1/2	9+52.29	51.56'LT	74.15	R=25.00' T=25.78'
	3/4	9+46.91	59.89'LT	74.15	1=25.78
	PT	9+45.23	69.65'LT	73.76	

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(XX)	PLAN	CODE
3.1	422D	
3.2	422D	
3.3	422D	
3.4	422D	
3.5	422D	
3.6	422D	6
3.7	422D	
3.8	422D	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	9+70.73	59.60'RT	N/A	
(C2)	PC	9+45.21	56.62'RT	76.15	Δ=83°33'9"
	1/4	9+47.95	47.72'RT	75.86	L=37.48'
	1/2	9+53.70	40.38'RT	75.96	R=25.00' T=22.96'
	3/4	9+61.68	35.57'RT	75.73'	1=22.96
	PT	9+70.85	33.93'RT	74.97	



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> Seattle Department of Transportation

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

CURB RAMPS PC TRC0481 co TRC0481 VPI # XXX-XXX CR3 SHEET 49 OF 73

NW MARKET ST

PW#2022-xxx

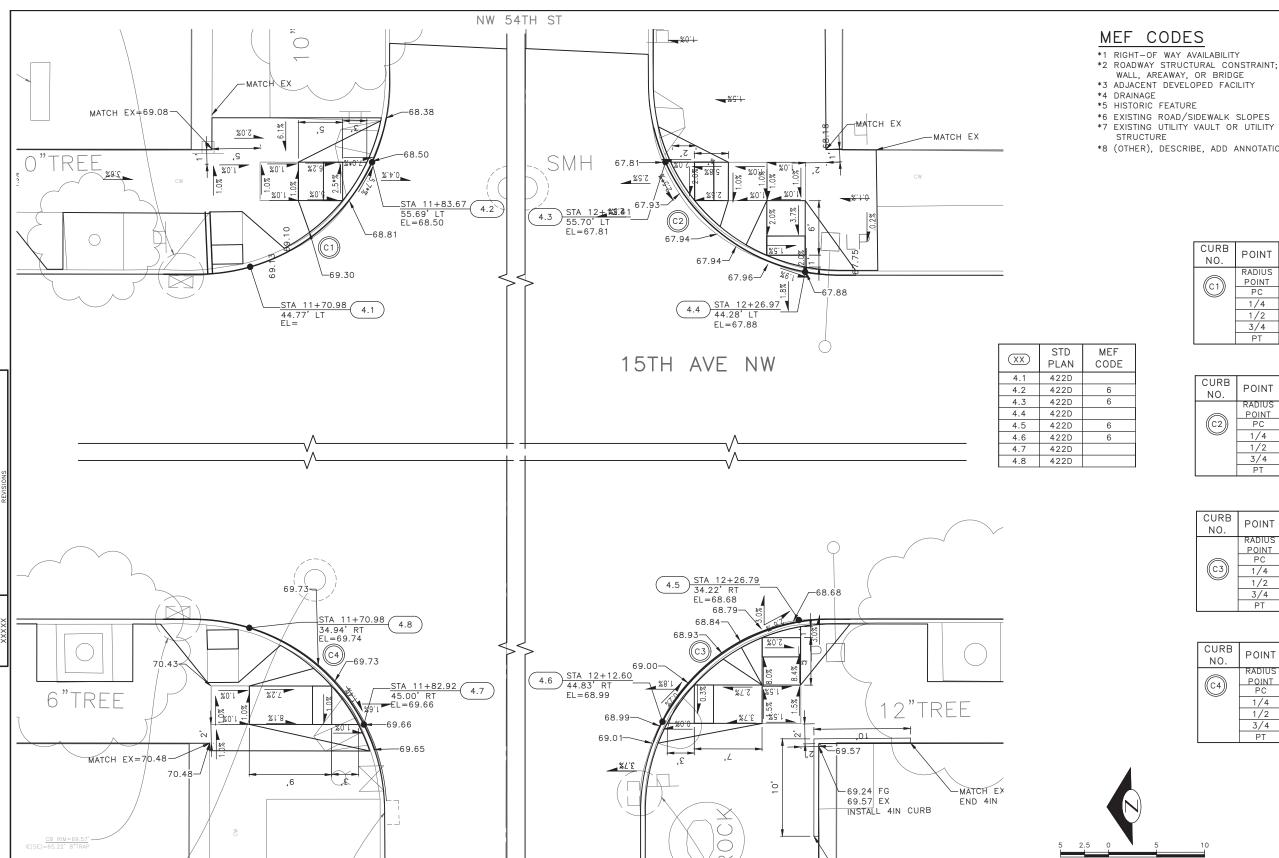
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INITIALS AND DATE

INITIALS AND DATE





- *2 ROADWAY STRUCTURAL CONSTRAINT;

- *8 (OTHER), DESCRIBE, ADD ANNOTATION

10 WA 50

GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- 2. SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

LEGEND

· · · · GRADE BREAK

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
(C1)	RADIUS POINT	11+65.17	64.40'LT	N/A	
	PC	11+85.50	65.52 ' LT	68.16'	Δ=89*21'12"
	1/4	11+84.42	57.71'LT	68.44'	L=31.76'
	1/2	11+80.44	50.89'LT	68.95	R=20.00' T=20.13'
	3/4	11+74.18	46.10'LT	69.15	1=20.13
	PT	11+66.56	44.04'LT	69.14'	

CURB RETURN

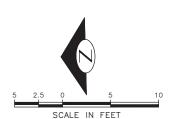
URB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	12+30.02	63.30'LT	N/A	
(C2)	PC	12+30.50	44.38'LT	68.19'	Δ=93°35'16"
	1/4	12+22.96	45.74'LT	68.13'	L=30.88'
	1/2	12+16.57	49.98'LT	68.27	R=20.00' T=20.12'
	3/4	12+12.40	56.42'LT	67.96'	1=20.12
	PT	12+11.13	63.97'LT	67.93'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	12+30.88	54.70'RT	N/A	
	PC	12+10.27	53.54'RT	69.02'	Δ=90°20'39"
(C3)	1/4	12+12.28	45.71'RT	69.02'	L=32.54'
	1/2	12+17.14	39.25'RT	69.15'	R=20.00' T=20.76'
	3/4	12+24.11	35.16'RT	68.94'	1=20.76
	PT	12+32.12	34.06'RT	68.48'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	11+65.23	54.10'RT	N/A	
(C4)	PC	11+85.27	52.93'RT	69.44'	Δ=83*55'9"
	1/4	11+83.51	45.83'RT	69.65	L=29.41'
	1/2	11+79.33	39.84'RT	69.73	R=20.00' T=18.05'
	3/4	11+73.28	35.73'RT	69.72'	1=18.05
	PT	11+66.16	34.07'RT	69.72'	



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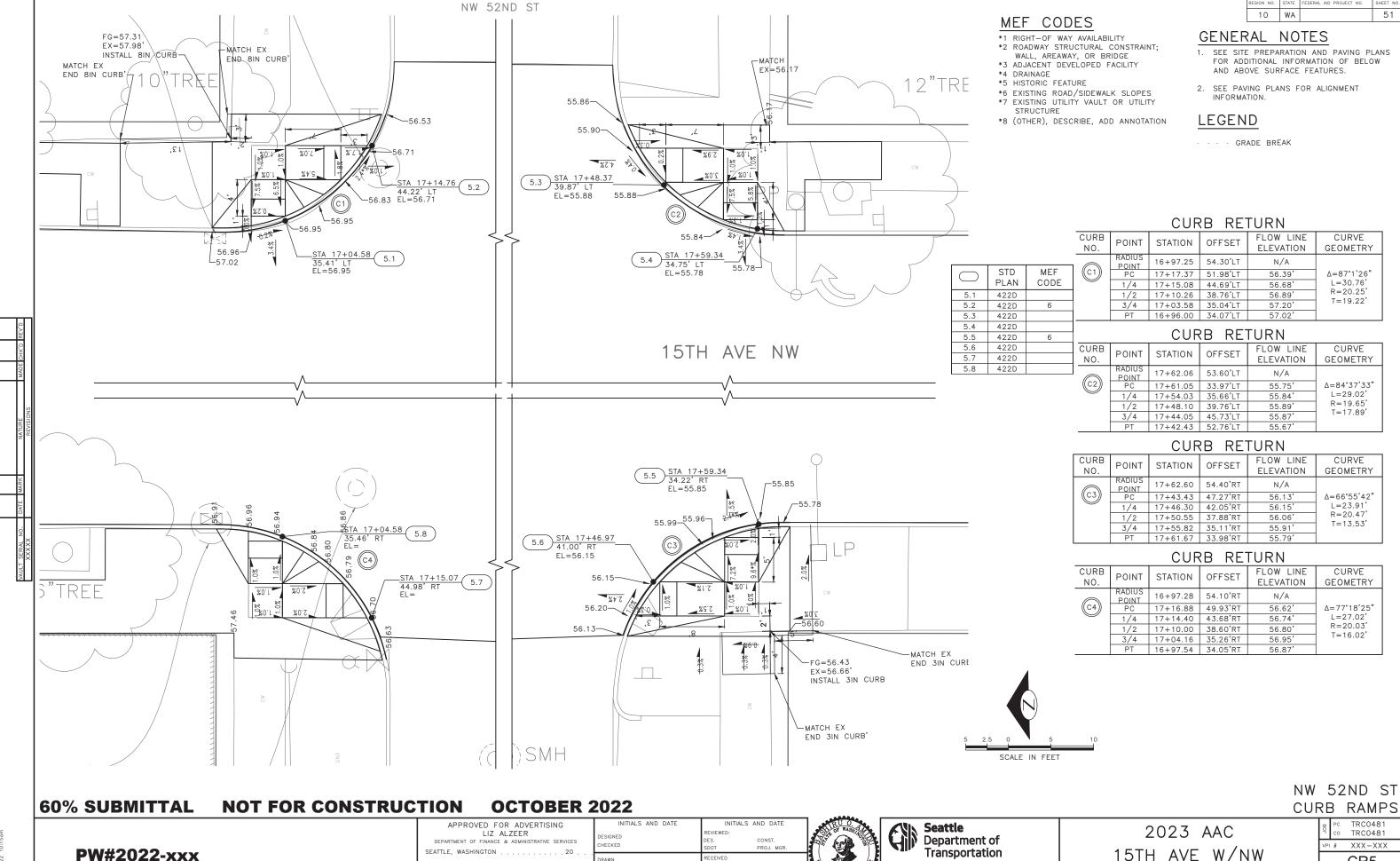
Seattle Department of Transportation

2023 AAC 15TH AVE W/NW CURB RAMPS PC TRC0481 /PI # XXX-XXX CR4 SHEET 50 OF 73

NW 54TH ST

PW#2022-xxx

AND BALLARD BRIDGE



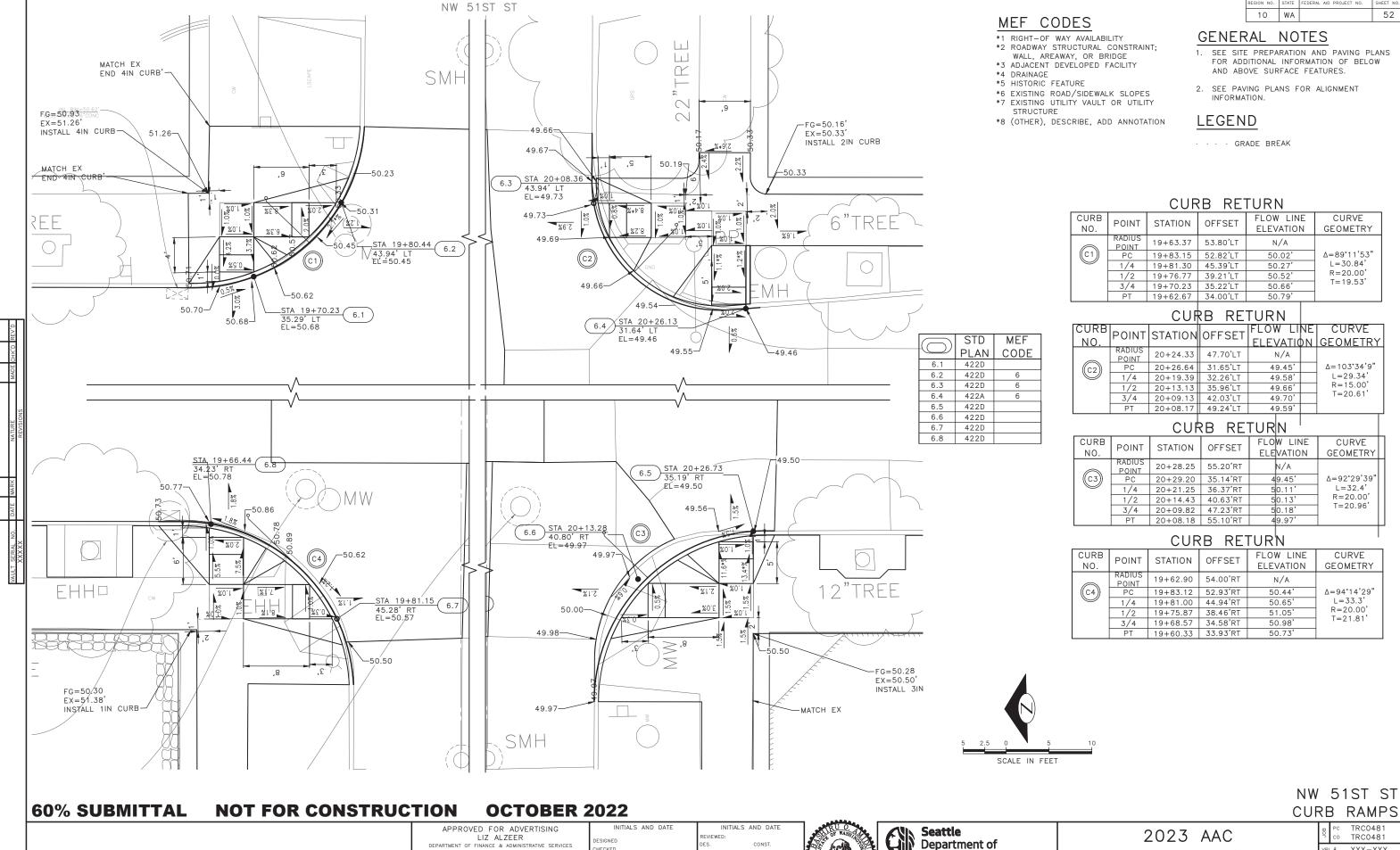
SEATTLE, WASHINGTON 20 . NLL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AN PECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT M



Transportation

15TH AVE W/NW AND BALLARD BRIDGE

CR5 SHEET 51 OF 73



NLL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AN PECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT M

SEATTLE, WASHINGTON 20 .

BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

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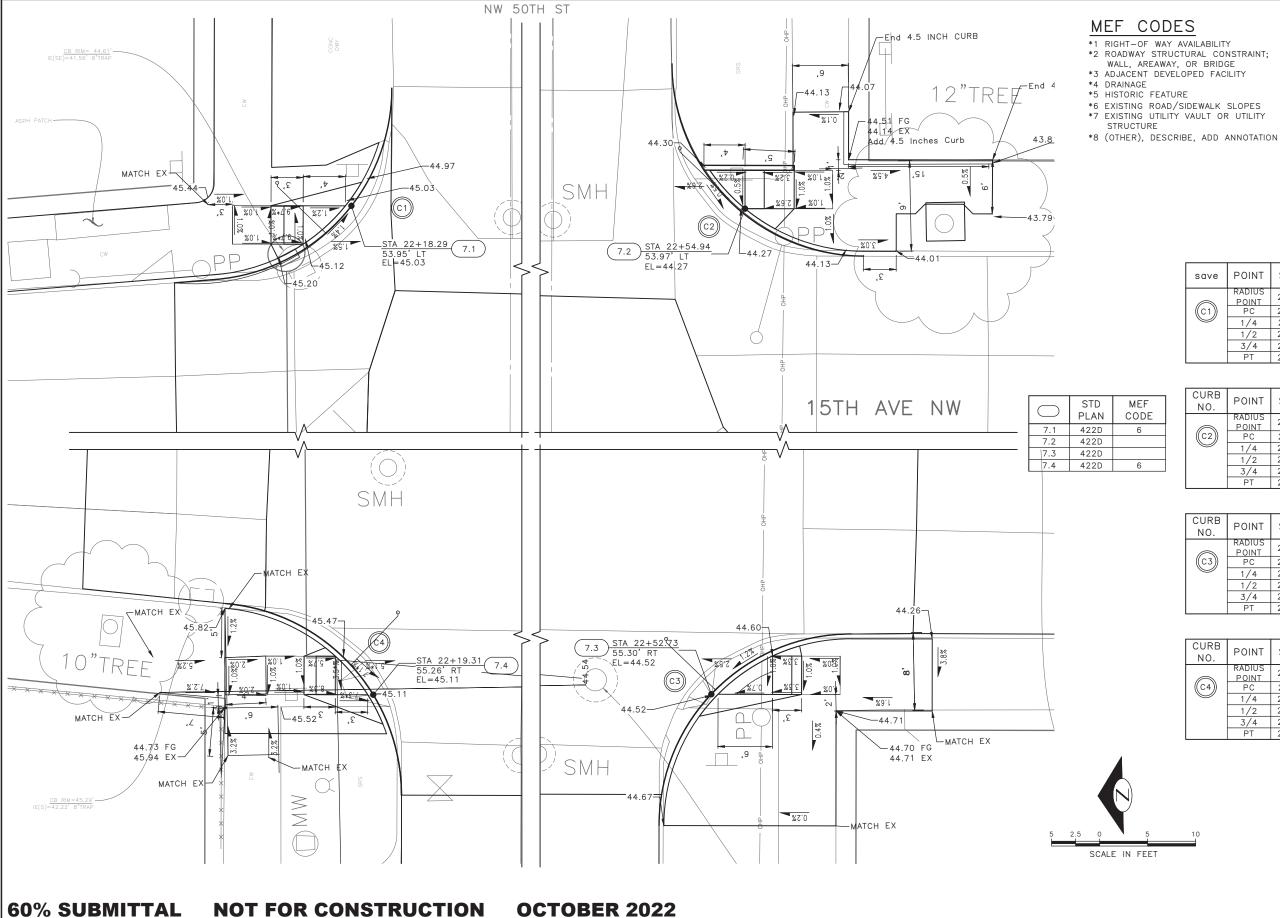
PW#2022-xxx

CR6

15TH AVE W/NW

AND BALLARD BRIDGE

Transportation



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GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- 2. SEE PAVING PLANS FOR ALIGNMENT

LEGEND

· · · · GRADE BREAK

CURB RETURN

save	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	22+01.95	66.40'LT	N/A	
((c1))	PC	21+99.87	45.92'LT	44.90'	Δ=95°27'9"
	1/4	22+08.31	46.83'LT	44.99'	L=34.21'
	1/2	22+15.67	51.07'LT	45.09'	R=20.00' T=22.58'
	3/4	22+20.68	57.93'LT	44.95'	1=22.58
	PT	22+22.48	66.23'LT	44.37	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	22+67.59	69.30'LT	N/A	
((C2))	PC	22+47.31	69.04'LT	43.61'	Δ=88*19'25"
	1/4	22+48.90	61.44'LT	44.19'	L=31.28'
	1/2	22+53.24	54.99'LT	44.30'	R=20.00' T=19.70'
	3/4	22+59.69	50.65'LT	44.20'	1=19.70
	PT	22+67.29	49.05'LT	43.59'	

CURB RETURN

URB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	22+67.16	68.90'RT	N/A	
(C3)	PC	22+47.30	68.98'RT	44.31'	Δ=90*47'49"
	1/4	22+48.79	61.31'RT	44.69'	L=31.46'
	1/2	22+53.12	54.81'RT	44.59'	R=20.00' T=20.13'
	3/4	22+59.63	50.48'RT	44.58'	1=20.13
	PT	22+67.30	49.00'RT	43.95	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	22+02.26	65.70'RT	N/A	
((C4))	PC	22+03.91	45.78'RT	45.28'	Δ=85*16'48"
	1/4	22+11.04	47.74'RT	45.61'	L=29.77'
	1/2	22+16.97	52.17'RT	45.44'	R=20.00' T=18.42'
	3/4	22+20.89	58.45'RT	45.30'	1=18.42
	PT	22+22.26	65.72'RT	44.84	

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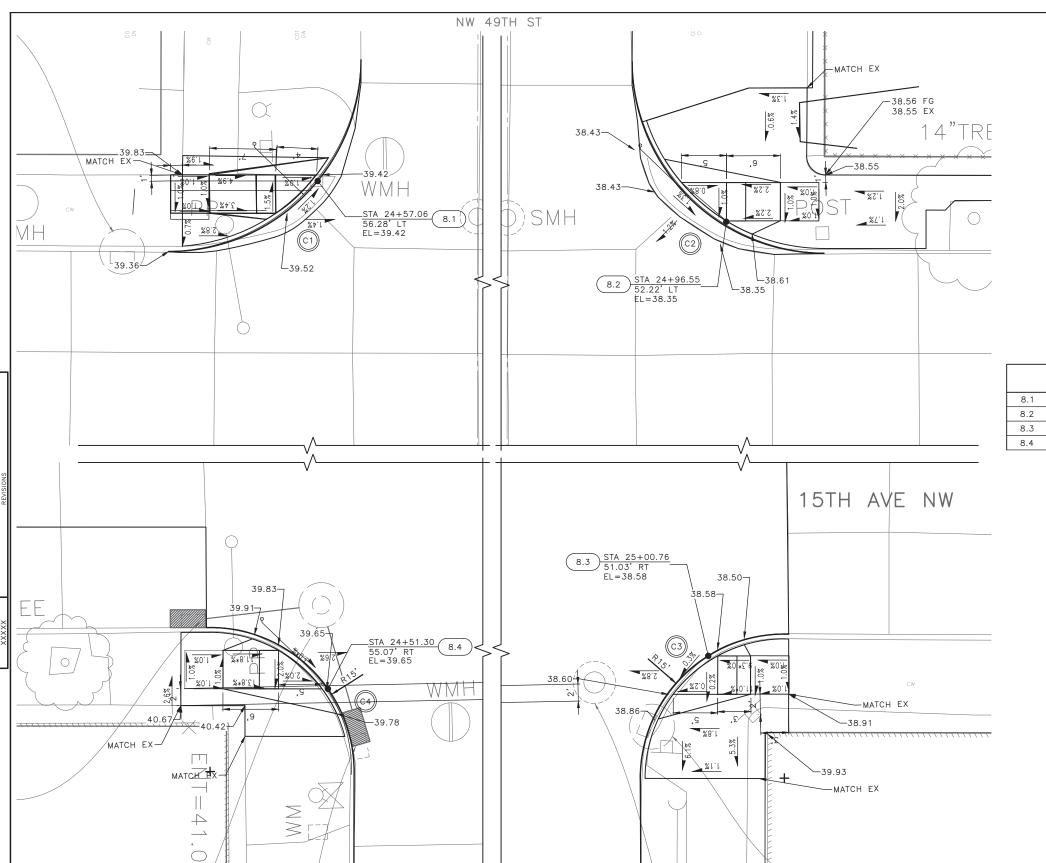
Seattle Department of Transportation

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

CURB			RA	М	PS
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NW 50TH ST

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- *1 RIGHT-OF WAY AVAILABILITY *2 ROADWAY STRUCTURAL CONSTRAINT;
- WALL, AREAWAY, OR BRIDGE *3 ADJACENT DEVELOPED FACILITY
 *4 DRAINAGE
 *5 HISTORIC FEATURE

STD PLAN 422D

422D 422D

422D

- *6 EXISTING ROAD/SIDEWALK SLOPES
 *7 EXISTING UTILITY VAULT OR UTILITY
 STRUCTURE *8 (OTHER), DESCRIBE, ADD ANNOTATION
- GENERAL NOTES
- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.

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54

2. SEE PAVING PLANS FOR ALIGNMENT

LEGEND

· · · · GRADE BREAK

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	24+41.15	69.30'LT	N/A	
((C1))	PC	24+61.55	68.92'LT	38.78'	Δ=87*50'1"
	1/4	24+59.92	61.32'LT	39.04	L=31.27'
	1/2	24+55.58	54.88'LT	39.48'	R=20.00' T=19.64'
	3/4	24+49.13	50.54'LT	39.61	1=19.64
	PT	24+41.53	48.91'LT	39.36'	

CURB RETURN

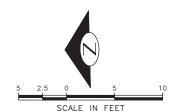
OURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY		
(C2)	RADIUS 25+07.0		69.30'LT	N/A			
	PC	24+86.72	68.91'LT	38.05	Δ=88*4'30"		
	1/4	24+88.34	61.32'LT	38.44'	L=31.26'		
	1/2	24+92.69	54.88'LT	38.75	R=20.00'		
	3/4 24+99.1		50.55'LT	38.60'	T=19.66'		
	PT	25+06.74	48.95'LT	38.12			

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	25+08.94	64.00'RT	N/A	
((c3))	PC	25+09.14	48.71'RT	38.37	$\Delta = 90^{\circ}7'17''$
	1/4	25+03.28	49.80'RT	38.58'	L=23.97'
	1/2	24+98.29	53.05'RT	38.67	R=15.00' T=15.27'
	3/4	24+94.93	57.97'RT	38.92'	1=15.27
	PT	24+93.70	63.79'RT	38.66	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
	RADIUS POINT	24+39.10	63.40'RT	N/A	
((C4))	PC	24+53.75	64.00'RT	39.83'	Δ=94*12'36"
	1/4	24+52.78	58.09'RT	39.62'	L=24.11'
	1/2	24+49.53	53.06'RT	39.71'	R=15.00' T=15.78'
	3/4	24+44.54	49.75'RT	39.88'	1=15.78
	PT	24+38.65	48.71'RT	39.94'	



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Seattle Department of

Transportation

2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

CURB RAMPS PC TRC0481 CO TRC0481 /PI # XXX-XXX CR8 SHEET 54 OF 73

NW 49TH ST

PW#2022-xxx

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AP# →

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FVPD

CCTV

SL

HH EX.

ABBREVIATIONS:

ACCESS POINT

STREET LIGHT

HANDHOLF.

EXISTING

TRAFFIC CONTROL

MAGNETOMETER SYSTEM ACCESS POINT (SPP RADIO)

EX. MAGNETOMETER SYSTEM ACCESS POINT (SPP RADIO)

EX. EMERGENCY VEHICLE PRE-EMPTION DETECTOR

M## ● WIRELESS SENSORS (IN PAVEMENT)

EMERGENCY VEHICLE PRE-EMPTION DETECTOR

BIKE SIGNAL HEAD

EMERGENCY VEHICLE PREEMPTION DETECTORS

CLOSED-CIRCUIT TELEVISION

SERVICE CABINET

EX. CCTV CAMERA

ANY CABLES OR CONDUCTORS NOT INCLUDED IN THE WIRING SCHEDULE, BUT REMOVED FROM THE EXISTING CONTROLLER CABINET FOUNDATION SHALL BE INSTALLED INTO THE NEW CABINET IF REQUIRED. THESE UNIDENTIFIED CABLES SHALL BE ADDED TO THE SCHEDULE FOR THE TRAFFIC SIGNAL MAST ARM POLE AND FOUNDATION AS-BUILT DRAWINGS.

TRAFFIC SIGNAL NOTES:

REQUIREMENTS OF SECTIONS 8-33.3(2).

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

NOTIFICATION IS REQUIRED. SEE SECTION 8-31.3(5)A.

SLACK CONDUCTOR COILS IN NEW OR EXISTING HANDHOLES

1. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGE TO TRAFFIC SIGNAL SYSTEM, INCLUDING CONDUITS AND TRAFFIC DETECTOR LOOPS. SEE SECTION 1-07.28 NOTE 16.

THE CONTRACTOR SHALL PROVIDE PRELIMINARY LAYOUT FOR TRAFFIC SIGNAL DETECTORS.

THE LAYOUT SHALL BE VERIFIED BY THE ENGINEER PRIOR TO SAWCUTTING. ADVANCE

3. ALL CONDUIT ROUTES SHOWN IN PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. CONDUIT ROUTES ARE SHOWN SCHEMATICALLY. CONDUIT INSTALLATION SHALL MEET THE

4. THE CONTRACTOR SHALL REQUEST APPROVAL FROM THE ENGINEER TO REDUCE OR RELOCATE

6. THE CONSTRUCTION DRAWINGS DO NOT SHOW ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL INVESTIGATE UTILITIES PRIOR TO ANY FOUNDATION EXCAVATION AND CONDUIT TRENCHING TO AVOID DAMAGE TO ANY UNDERGROUND UTILITIES. HAND DIGGING MAY BE REQUIRED IN AREAS WHERE EXISTING UNDERGROUND UTILITIES CONFLICT WITH POLE FOUNDATION INSTALLATION. ALL EXISTING UTILITIES SHALL BE LOCATED AND MARKED IN THE FIELD BEFORE PERFORMING ANY UNDERGROUND WORK. CARE SHALL BE EXERCISED WHEN EXCAVATING, TRENCHING, OR BORING NEAR ANY EXISTING UTILITIES. UTILITY COMPANIES SHALL BE CONTACTED THROUGH THE ENGINEER IF PROPOSED CONSTRUCTION CONFLICTS WITH ANY EXISTING UTILITIES. ALL EXISTING UTILITY INFRASTRUCTURE SHALL BE PROTECTED AT ALL TIMES THROUGHOUT CONSTRUCTION.

7. THE CONTRACTOR SHALL PROVIDE 15' OF SLACK CATEGORY 5E CABLE FOR THE SPP DIGITAL RADIO IN THE HANDHOLE ADJACENT TO THE CONTROLLER CABINET. COORDINATE WITH THE ENGINEER TO CONDUCT PERFORMANCE TESTING OF THE CABLE. THE CONTRACTOR SHALL INSTALL A RJ45 CONNECTOR ON THE CABLE FOR CONNECTION IN THE CABINET

ANY EXCAVATION IN PROXIMITY TO AN EXISTING POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SUPPORT WHICH MAY BE REQUIRED TO STABILIZE THE POLE

9. WHEN EXISTING VEHICLE SIGNAL HEADS. PEDESTRIAN PUSHBUTTONS. OR PEDESTRIAN SIGNAL HEADS (OR ANY OTHER EQUIPMENT) ARE REMOVED FROM EXISTING POLES AND THE HOLES WILL NOT BE USED FOR MOUNTING NEW EQUIPMENT, THE CONTRACTOR SHALL PLUG THE MOUNTING HOLES WITH STAINLESS BOLTS AND THE CABLE PENETRATION HOLE WITH A GALVANIZED PLUG.

10. CONDUITS THAT WILL BE IMPACTED BY CONSTRUCTION AND WILL NO LONGER BE A COMPLETE RUN MAY BE ABANDONED IN PLACE. IF THE CONDUIT MUST BE REMOVED TO FACILITATE CONSTRUCTION IT SHALL BE INCIDENTAL TO THE WORK.

11. ALL STEEL STRAIN POLES SUPPORTING TROLLEY OVERHEAD OR SIGNALS SHALL BE COMPLETE PRIOR TO THE MOVEMENT OR TRANSFER OF TRAFFIC SIGNAL OR TROLLEY SUPPORTS. NO STRAIN POLES SHALL BE MOVED PRIOR TO THE INSTALLATION OF NEW POLES.

12. EXISTING TRAFFIC SIGNALS SHALL REMAIN OPERATIONAL AT ALL TIMES UNTIL NEW OR TEMPORARY TRAFFIC SIGNALS ARE INSTALLED AND PLACED INTO OPERATION. SEE SECTION 8-31.3(1)A.

13. CONTRACTOR MUST SUBMIT TRAFFIC CONTROL PLANS, INCLUDING TEMPORARY SIGNAL AND LIGHTING PLANS. REFER 1-10.3(3)M, 1-10.2(5)A, CONTENT AND SUBMITTAL REQUIREMENTS.

STREET LIGHTING NOTES:

EGION NO. STATE FEDERAL AID PROJECT NO. 55 10 WA

1. ALL DISCONNECTIONS, TEMPORARY CONNECTIONS AND FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL) AT PROJECT'S EXPENSE.

2. CONTRACTOR SHALL COORDINATE WITH SCL FOR REMOVING FLOOD LIGHTS AND STREETLIGHTS FROM EXISTING POLES PRIOR TO POLE REMOVAL AND THE DELIVERY OF ALL THE SALVAGED STREETLIGHT RELATED MATERIALS TO SEATTLE CITY LIGHT SALVAGE YARD AT 4TH AVE SOUTH AND SOUTH SPOKANE ST.

3. CONTRACTOR SHALL MAINTAIN EXISTING STREET LIGHTING SYSTEM DURING CONSTRUCTION.

4. WORK SHALL BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREET LIGHTS ARE DISABLED AT ANY ONE TIME.

5. ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREETLIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SUPPORT WHICH MAY BE REQUIRED TO STABILIZE THE POLE.

6. STREETLIGHT SYSTEM GROUNDING AND BONDING SHALL BE PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1710.50.

7. ALL WIRING, INCLUDING STREET LIGHTING, PEDESTRIAN LIGHTING AND FESTOON LIGHTING CIRCUITS SHALL BE CLEARLY LABELED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.10

8. EACH LUMINAIRE SHALL BE FUSED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD

9. CONTRACTOR SHALL CALL FOR AN INSPECTION OF THE STREET LIGHTING SYSTEM AT VARIOUS STAGES OF INSTALLATION/CONSTRUCTION OR AS INSTRUCTED BY THE SCL INSPECTOR.

10. FOR STREET LIGHTING INSPECTIONS CONTACT SCL ELECTRICAL REVIEWER PAJE CHASE

11. CONTRACTOR WILL ASSIST THE INSPECTOR DURING THE INSPECTION, COMMISSIONING, AND FINAL CONNECTION PHASES OF THE PROJECT AS INSTRUCTED BY THE INSPECTOR. SUCH ASSISTANCE WILL INCLUDE, BUT NOT BE LIMITED TO OPENING HANDHOLES, MANHOLES AND VARIOUS ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.

12. CONTRACTOR SHALL PROVIDE AN OPERATOR AND MAN LIFT TRUCK FOR USE DURING INSPECTION OF INSTALLED STREETLIGHT FACILITIES.

13. CONTRACTOR SHALL CORRECT ALL PUNCH LIST ITEMS AND CALL FOR A RE-INSPECTION WHERE REQUIRED BY THE INSPECTOR.

14. UPON COMPLETION OF WIRING THE STREETLIGHT SYSTEM, THE CONTRACTOR SHALL PREPARE A SIGNED AS—BUILT AND WIRING DIAGRAM. THE DIAGRAM SHALL INCLUDE WHICH DUCT IS USED IN EACH DUCT BANK. CONTRACTOR SHALL PROVIDE THE AS-BUILT TO SCL ELECTRICAL INSPECTOR PRIOR TO REQUESTING FINAL STREETLIGHT SERVICE CONNECTION.

15. COORDINATE ALL ENERGIZING AND DE-ENERGIZING OF STREET LIGHTING SERVICE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE TEN (10) WORKING DAYS IN ADVANCE.

NOT FOR CONSTRUCTION **60% SUBMITTAL** OCTOBER 2022

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CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE INITIALS AND DATE CHECKED DV PROJ MGR RECEIVED DRAWN JSC CHECKED KAF REVISED AS BUILT ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAI





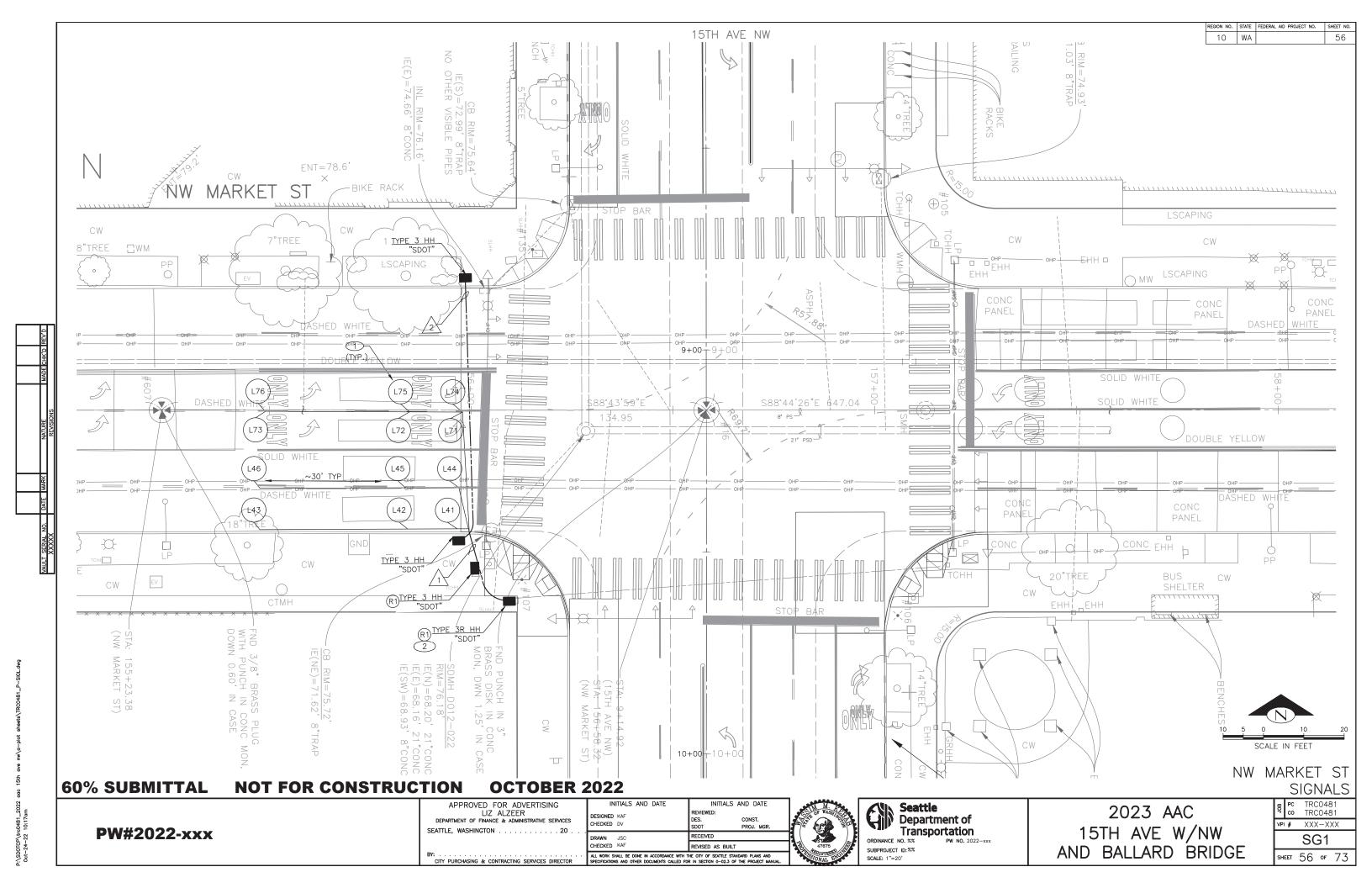
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

SIGNALS TRC0481 VPI # XXX-XXX

NOTES AND LEGEND

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SHEET 55 OF 73



REMOVAL AND RELOCATION NOTES

- 1) REMOVE PEDESTRIAN PUSH BUTTON ASSEMBLY
- $\begin{tabular}{ll} \hline \end{tabular}$ REMOVE PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD AND FOUNDATION
- (3) REMOVE PUSHBUTTON POST AND FOUNDATION
- (4) COORDINATE SPAN REMOVAL WITH METRO TRANSIT
- 5 REMOVE STRAIN POLE BRACKET ARM, LUMINAIRE, AND FOOTING
- (6) REMOVE PHOTO ENFORCEMENT CAMERA POLE FOUNDATION
- (7) REMOVE HH

TRAFFIC SIGNAL HEADS

VEHICLE

PEDESTRIAN

LEFT MOUNT

\(\dagger{48}\dagger{49}\dagger{68}\)



 $\langle 11 \rangle$



(61)(62)

12"



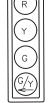
12" BI MODAL

GRN/YEL

2-COLOR ARROW

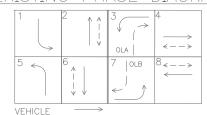






12" BI MODAL 2-COLOR ARROW GRN/YEL

EXISTING PHASE DIAGRAM



PEDESTRIAN <-->

CONSTRUCTION NOTES

- (1)INSTALL APS PUSHBUTTON ASSEMBLY
- 2 INSTALL 10' PEDESTAL POLE AND FOUNDATION
- 3 INSTALL PUSHBUTTON POST AND FOUNDATION
- 4 INSTALL PEDESTRIAN SIGNAL HEAD
- EXTEND EX CONDUIT INTO NEW PUSHBUTTON POST 5
- INSTALL TYPE 2 HH (SDOT EXC AS NOTED)
- INSTALL APS CONTROL UNIT
- INSTALL STRAIN POLE, 6' BRACKET ARM, LUMINAIRE 8 AND FOUNDATION
- 9 INSTALL STRAIN POLE AND FOUNDATION
- COORDINATE SPAN WIRE INSTALLATION WITH METRO 10
- INSTALL MAST ARM, POLE, BRACKET ARM, LUMINAIRE, FOUNDATION, VEHICLE HEADS AND PEDESTRIAN HEADS 11
- RELOCATE EXISTING CCTV, SENSYS WIRELESS AP, METRO TRANSIT WIRELESS EQUIPMENT AND ENCLOSURE ONTO NEW MAST ARM POLE.
- INSTALL 6' DIA LOOPS
- RELOCATE EXISTING PHOTO ENFORCEMENT CAMERA 14) EQUIPMENT, AND POLE
- INSTALL PHOTO ENFORCEMENT CAMERA POLE FOUNDATION
- PULL BACK CABLE AND ROUTE CONDUIT TO NEW 16
- INSTALL 18" X 18" BLOCKOUT WITH COLD JOINT FOR FUTURE PUSH-BUTTON POST FOUNDATION

WIRING SCHEDULE

(79)

• LB

RUN NO.	SPAN/ CONDUIT SIZE	EX CONDUCTORS	LOOP WIRE	NOTES
1	2-2" SDOT	_	24C	
2	3-3" SDOT	_	-	

2-5C — Multi-Conductor Cable ──No. of Conductors

—No. of Cables

ANY DISCONNECTION OF STREETLIGHTING SHALL BE COORDINATED THRU SCL. REF TO COS STD SPEC 1-07 NOTIFICATIONS AND 8-30 FOR TEMP LIGHTING REQUIREMENTS ALL CONDUITS SHALL CONTAIN A GROUND WIRE EQUAL IN SIZE TO THE LARGEST CONDUCTOR IN THE CONDUIT

LOOP SCHEDULE

g SIZE	TYPE			BICYCLE DETECTOR	PHASE	NEL	NO.	MEASURED AT HANDHOLE			
L00P	900 SISE	DIPOLE	QUADRUPOLE	STANDARD	PREFORMED	PAVEMENT MARKING	PH/	CHANNEL	TURNS	INDUCTANCE	RESISTANCE
L41	6' DIA.	X			X		4				
L42	6' DIA.	X			X		4				
L43	6' DIA.	X			X		4				
L44	6' DIA.	X			X		4				
L45	6' DIA.	X			X		4				
L46	6' DIA.	X			X		4				
L71	6' DIA.	X			X		7				
L72	6' DIA.	X			X		7				
L73	6' DIA.	X			X		7				
L74	6' DIA.	X			X		7				
L75	6' DIA.	Х			X		7				
L76	6' DIA.	X			X		7				

NOT FOR CONSTRUCTION OCTOBER 2022 60% SUBMITTAL

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

INITIALS AND DATE INITIALS AND DATE DESIGNED KAE CHECKED DV PROJ. MGF DRAWN JSC CHECKED KAF RECEIVED ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAN



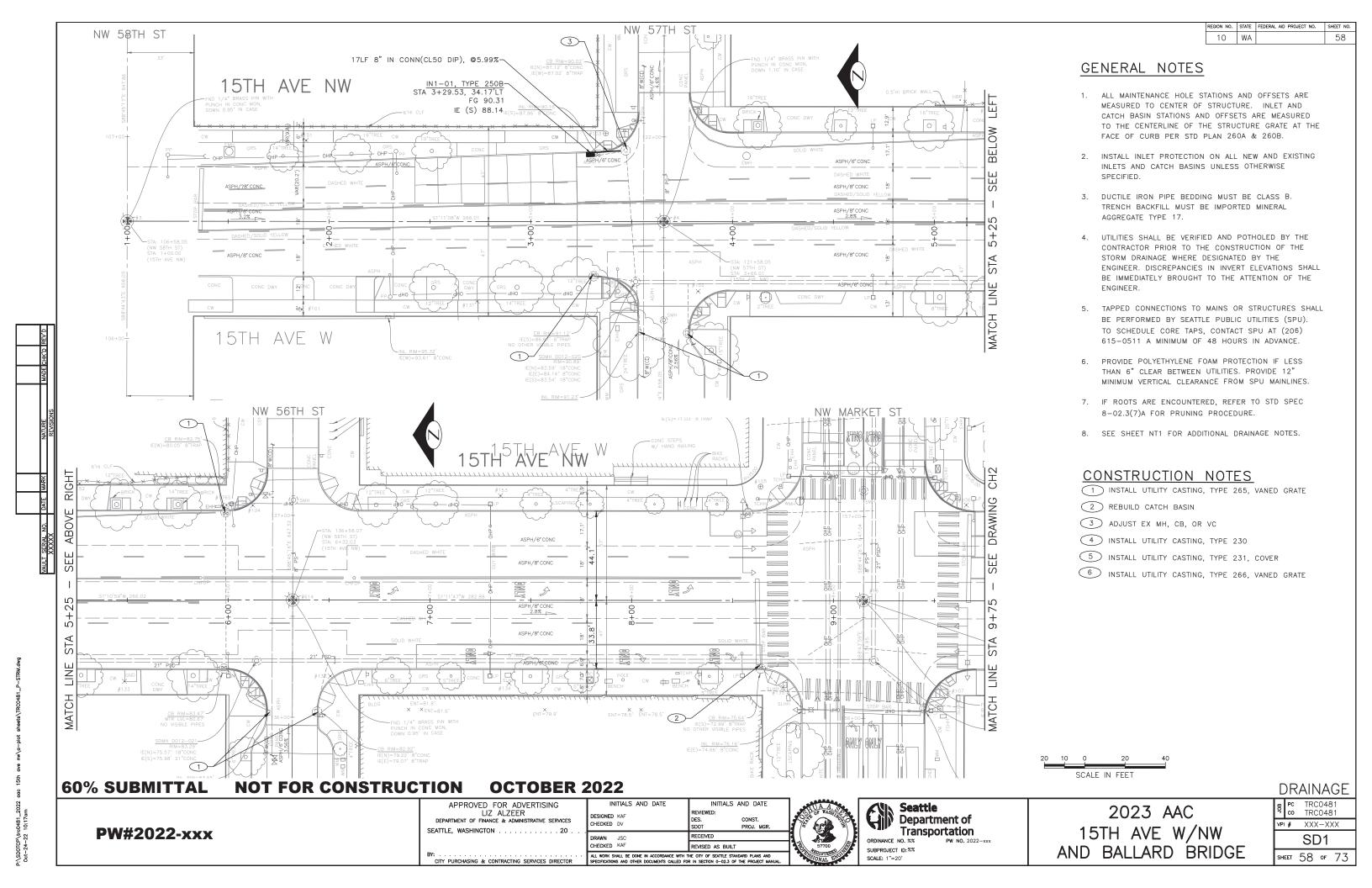


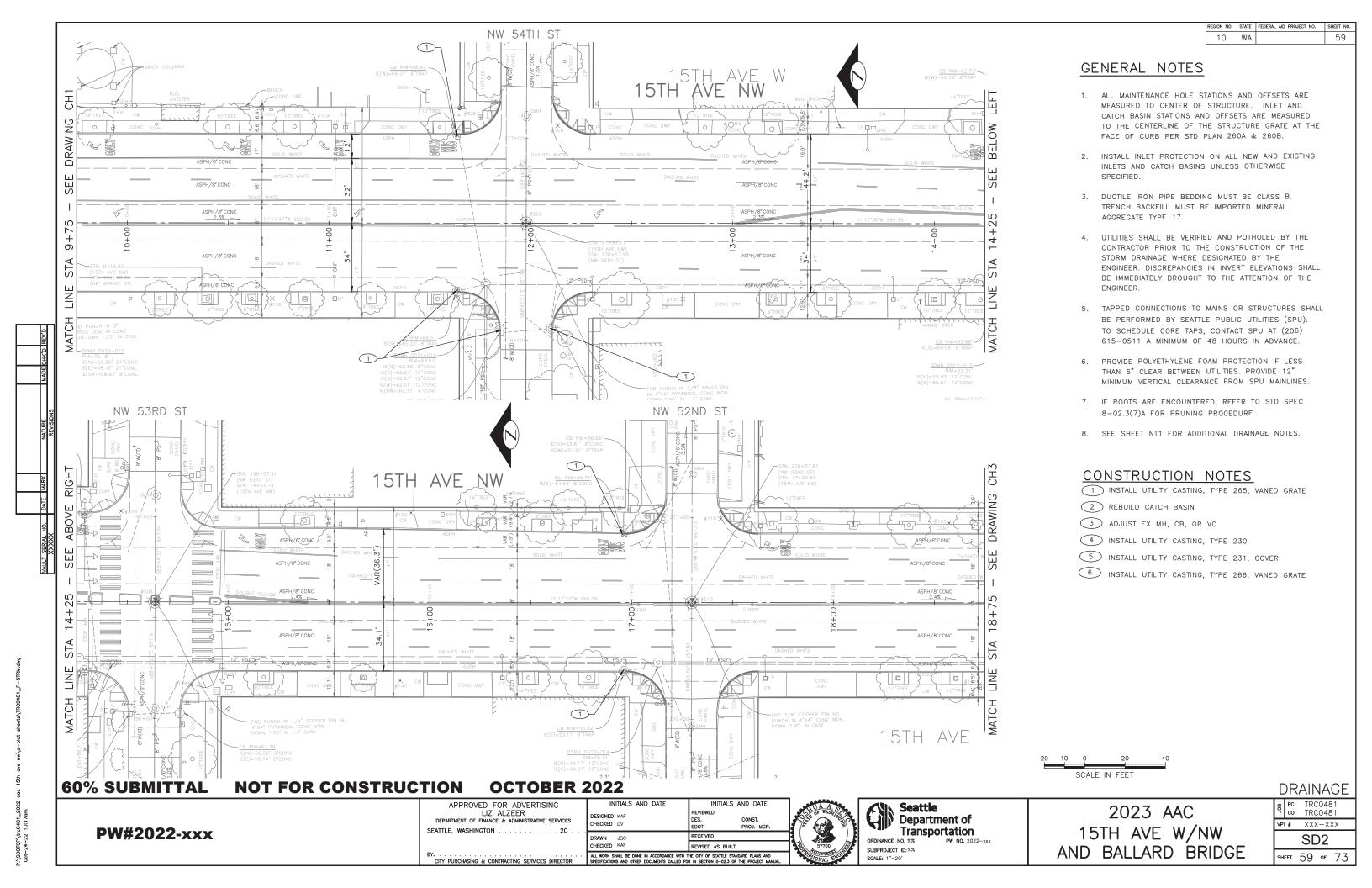
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

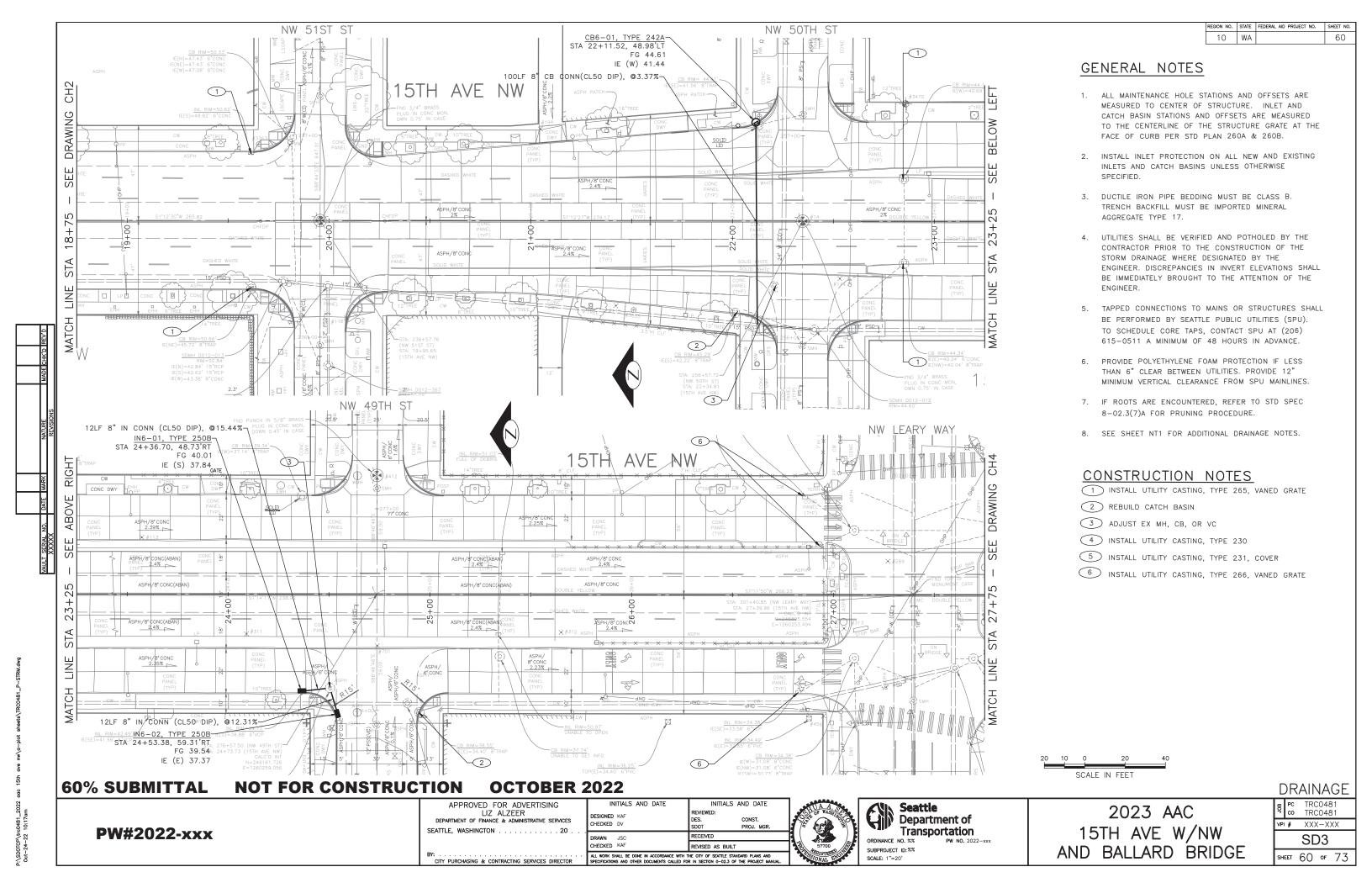
SIGNALS PC TRC0481 co TRC0481 VPI # XXX-XXX SG2

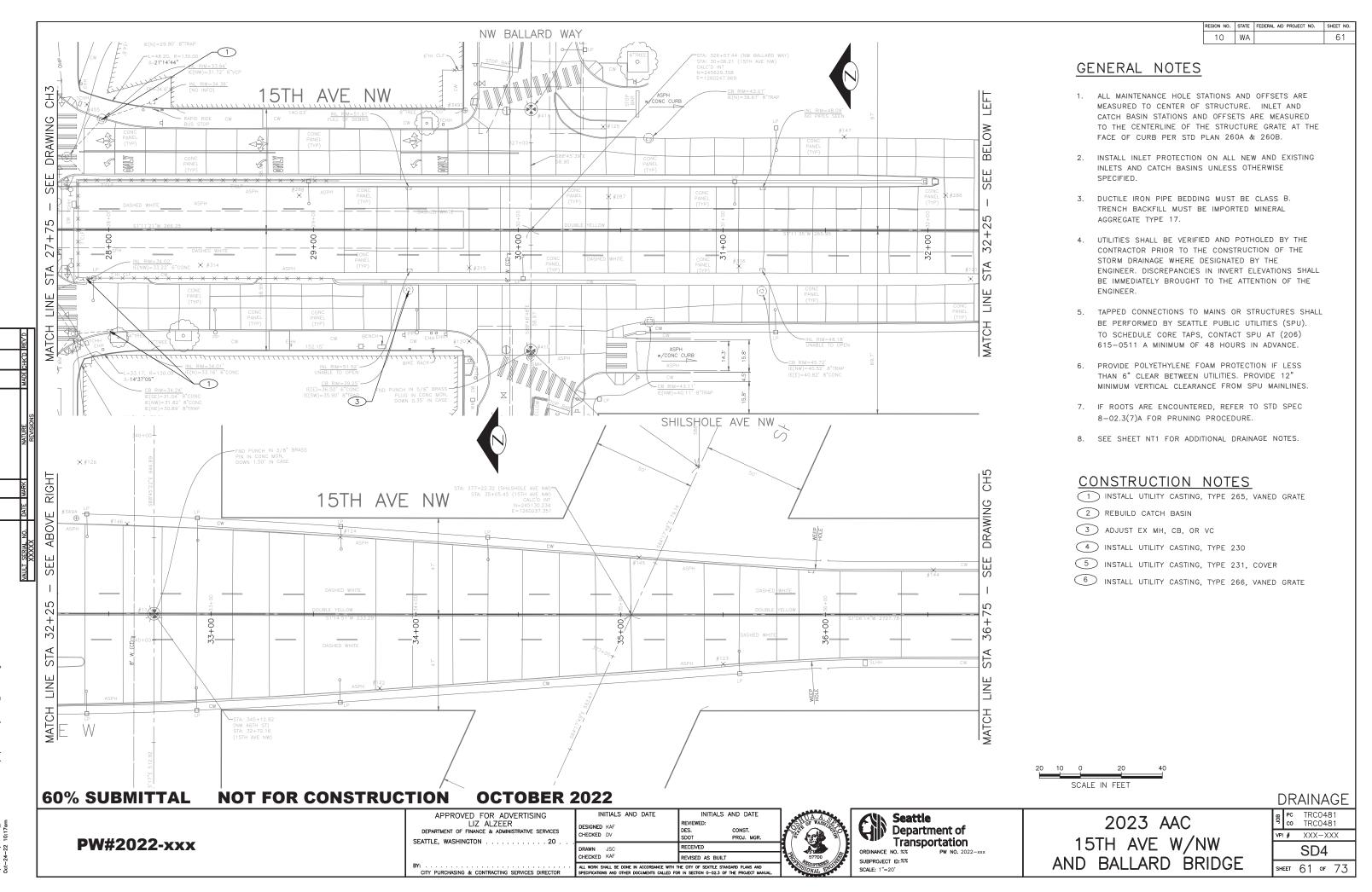
SHEET 57 OF 73

NW MARKET ST

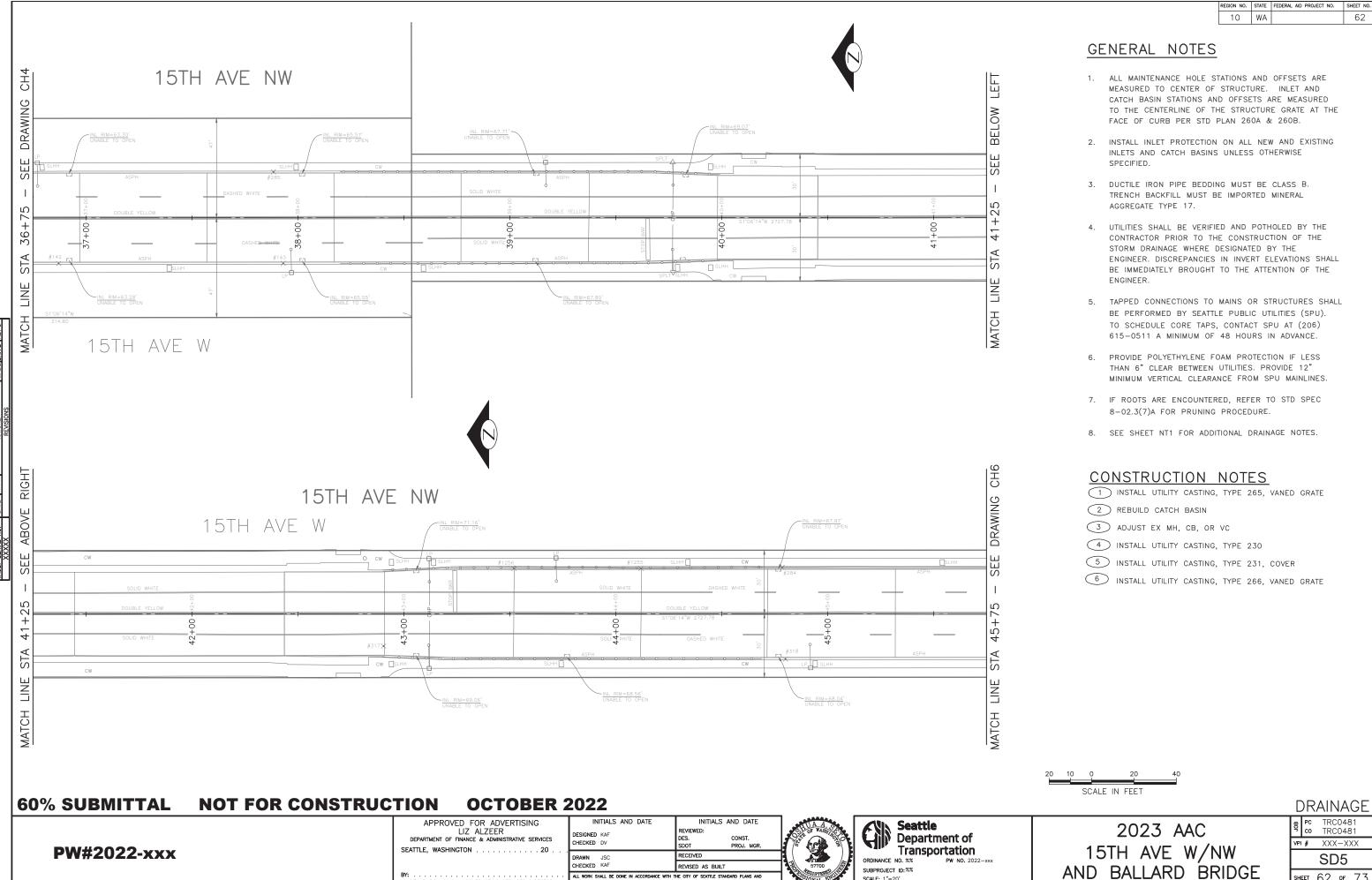








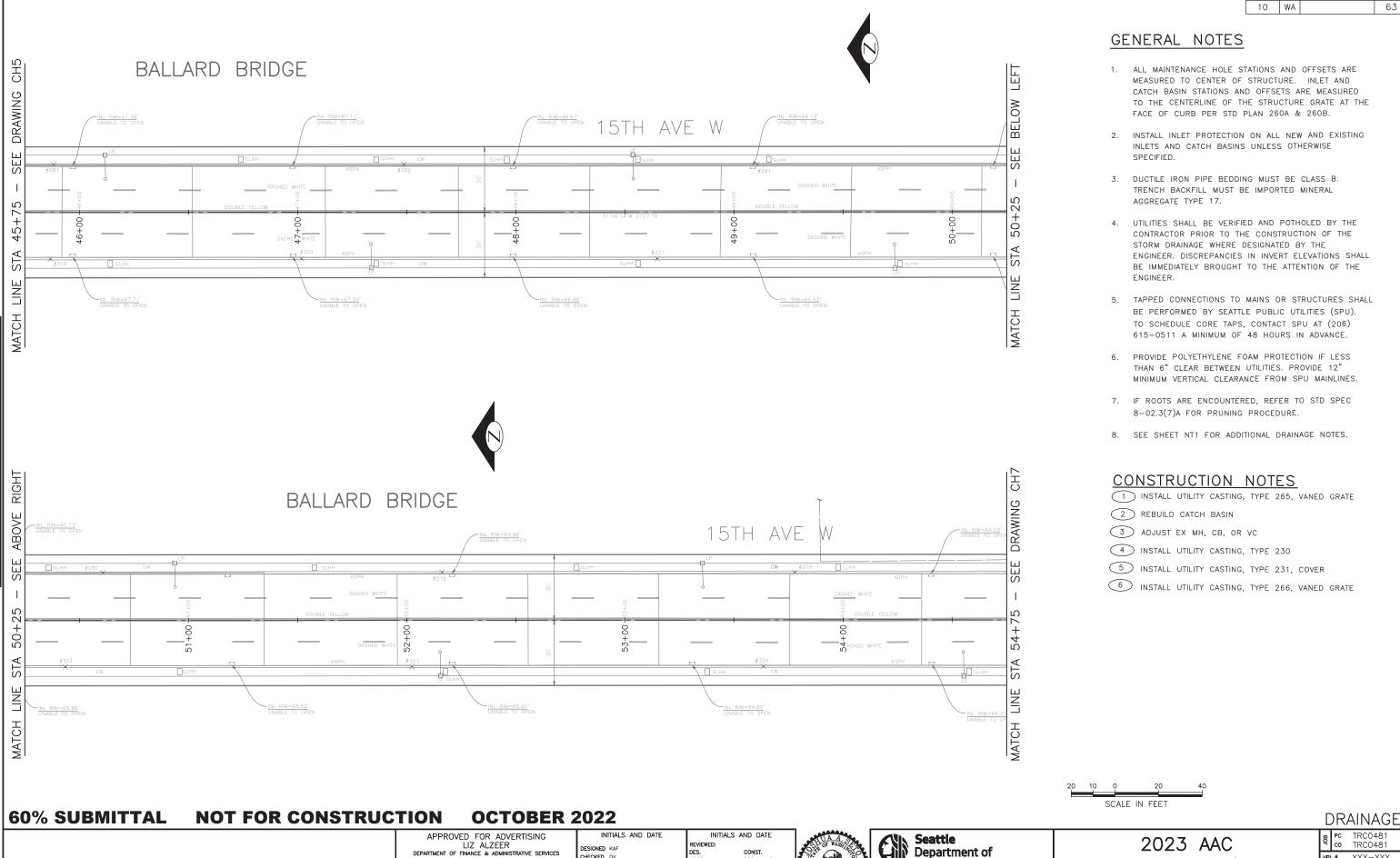
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAN

SCALE: 1"=20'

SD5 SHEET 62 OF 73



RECEIVED

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MA

Department of

SUBPROJECT ID: 8%

SCALE: 1"=20'

Transportation

DESIGNED KAE

CHECKED DV

DRAWN JSC CHECKED KAF

SEATTLE, WASHINGTON 20 .

PW#2022-xxx

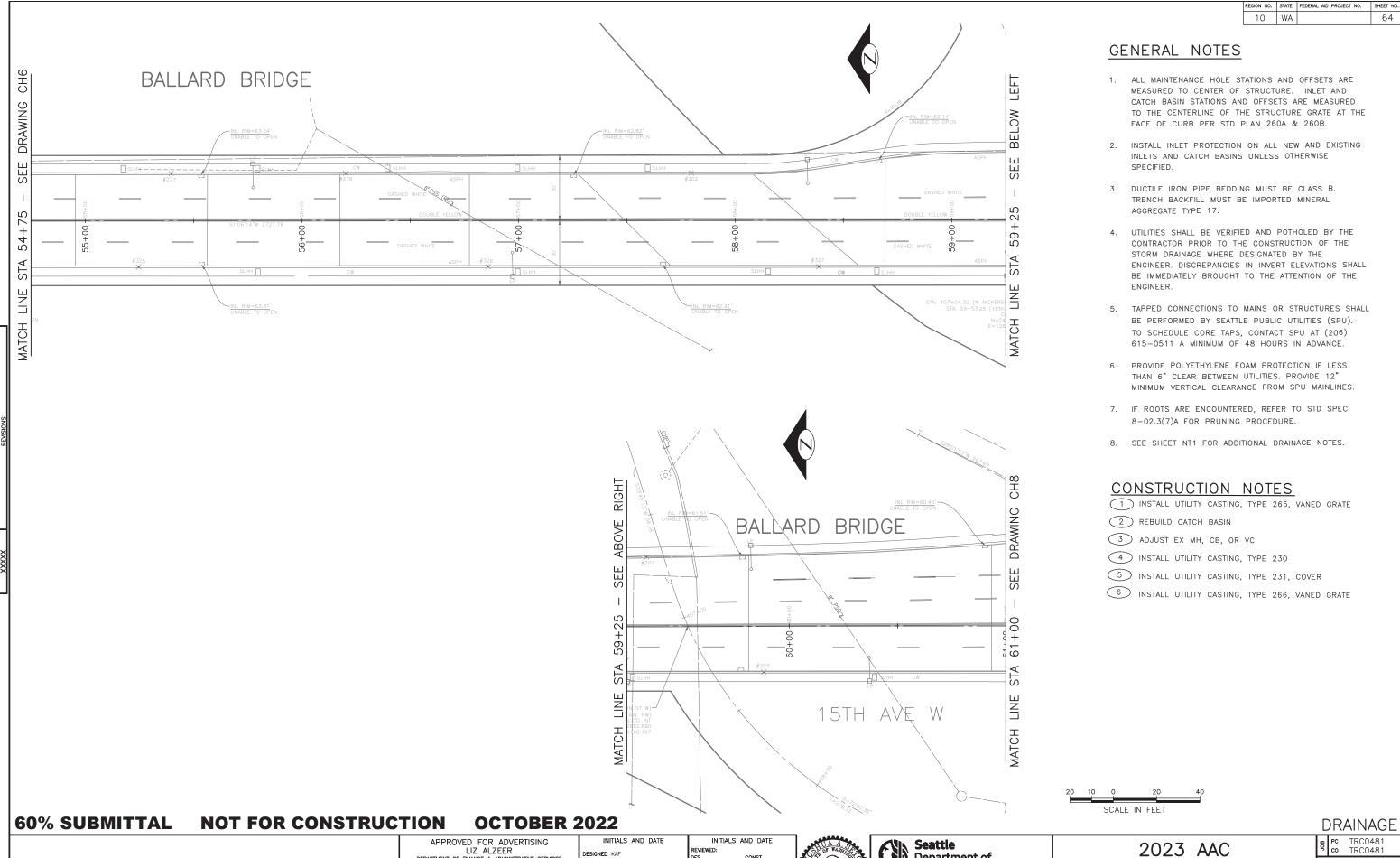
PC TRC0481 co TRC0481 VPI # XXX-XXX

15TH AVE W/NW

AND BALLARD BRIDGE

REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.

SD6 SHEET 63 OF 73



RECEIVED

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAN

Department of

SCALE: 1"=20'

Transportation

LIZ ALZEER

DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES

SEATTLE, WASHINGTON 20 .

DESIGNED KAE

CHECKED DV

DRAWN JSC CHECKED KAF

PW#2022-xxx

PC TRC0481 co TRC0481 VPI # XXX-XXX

SD7 SHEET 64 OF 73

15TH AVE W/NW AND BALLARD BRIDGE

REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.

10 WA 65

GENERAL NOTES

- 1. ALL MAINTENANCE HOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. INLET AND CATCH BASIN STATIONS AND OFFSETS ARE MEASURED TO THE CENTERLINE OF THE STRUCTURE GRATE AT THE FACE OF CURB PER STD PLAN 260A & 260B.
- INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED.
- DUCTILE IRON PIPE BEDDING MUST BE CLASS B. TRENCH BACKFILL MUST BE IMPORTED MINERAL AGGREGATE TYPE 17.
- 4. UTILITIES SHALL BE VERIFIED AND POTHOLED BY THE CONTRACTOR PRIOR TO THE CONSTRUCTION OF THE STORM DRAINAGE WHERE DESIGNATED BY THE ENGINEER. DISCREPANCIES IN INVERT ELEVATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- TAPPED CONNECTIONS TO MAINS OR STRUCTURES SHALL
 BE PERFORMED BY SEATTLE PUBLIC UTILITIES (SPU).
 TO SCHEDULE CORE TAPS, CONTACT SPU AT (206)
 615-0511 A MINIMUM OF 48 HOURS IN ADVANCE.
- PROVIDE POLYETHYLENE FOAM PROTECTION IF LESS THAN 6" CLEAR BETWEEN UTILITIES. PROVIDE 12" MINIMUM VERTICAL CLEARANCE FROM SPU MAINLINES.
- 7. IF ROOTS ARE ENCOUNTERED, REFER TO STD SPEC 8-02.3(7)A FOR PRUNING PROCEDURE.
- 8. SEE SHEET NT1 FOR ADDITIONAL DRAINAGE NOTES.

CONSTRUCTION NOTES

- 1 INSTALL UTILITY CASTING, TYPE 265, VANED GRATE
- 2 REBUILD CATCH BASIN
- 3 ADJUST EX MH, CB, OR VC
- 4 INSTALL UTILITY CASTING, TYPE 230
- 5 INSTALL UTILITY CASTING, TYPE 231, COVER
- 6 INSTALL UTILITY CASTING, TYPE 266, VANED GRATE

20 10 0 20 40 SCALE IN FEET

60% SUBMITTAL NOT FOR CONSTRUCTION OCTOBER 2022

W EMERSON ST

 INITIALS AND DATE

DESIGNED KAF
CHECKED DV

DES. CONST.
SDOT PROJ. MGR.

DRAWN JSC
CHECKED KAF
CHECKED KAF

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



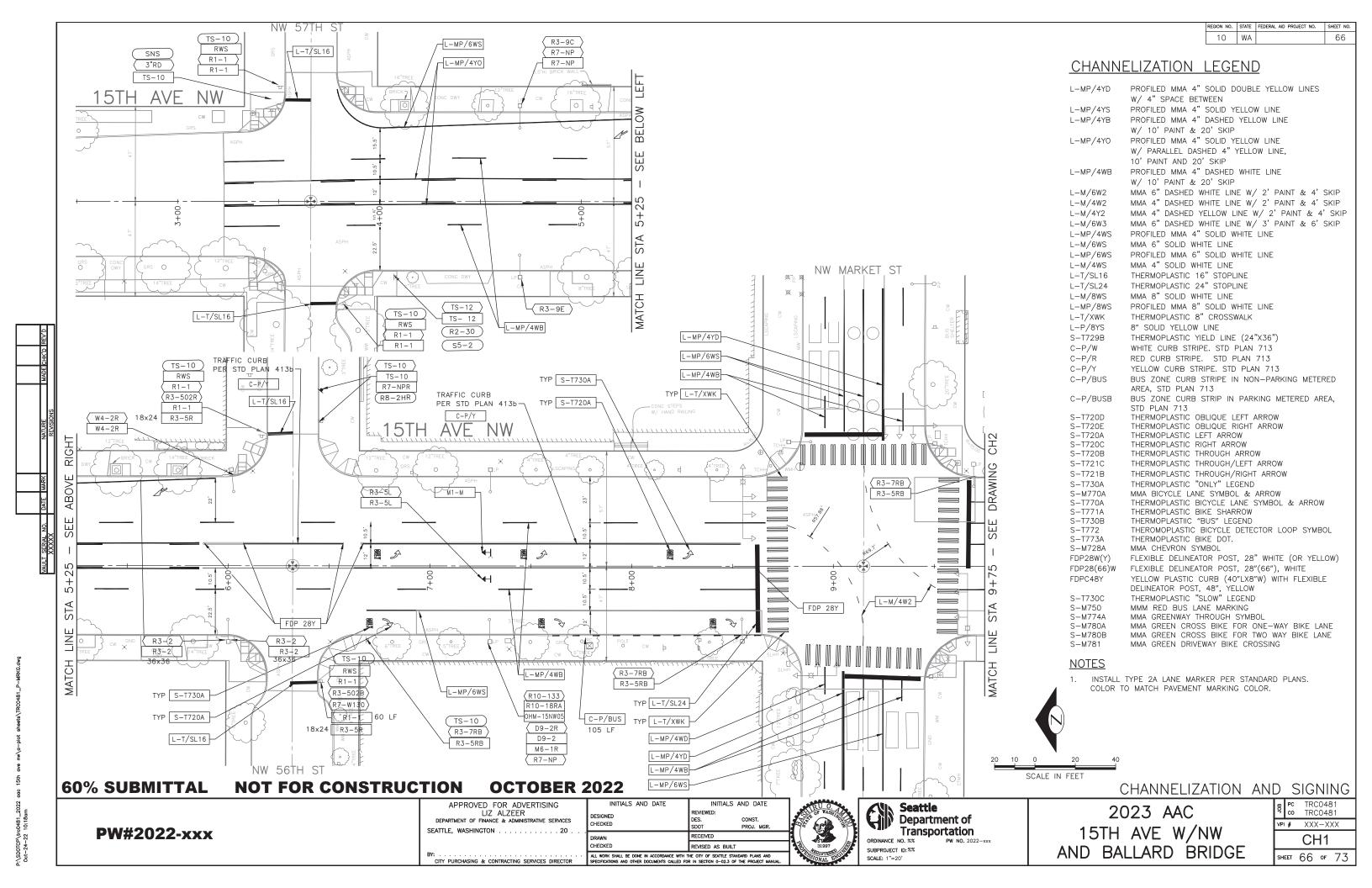


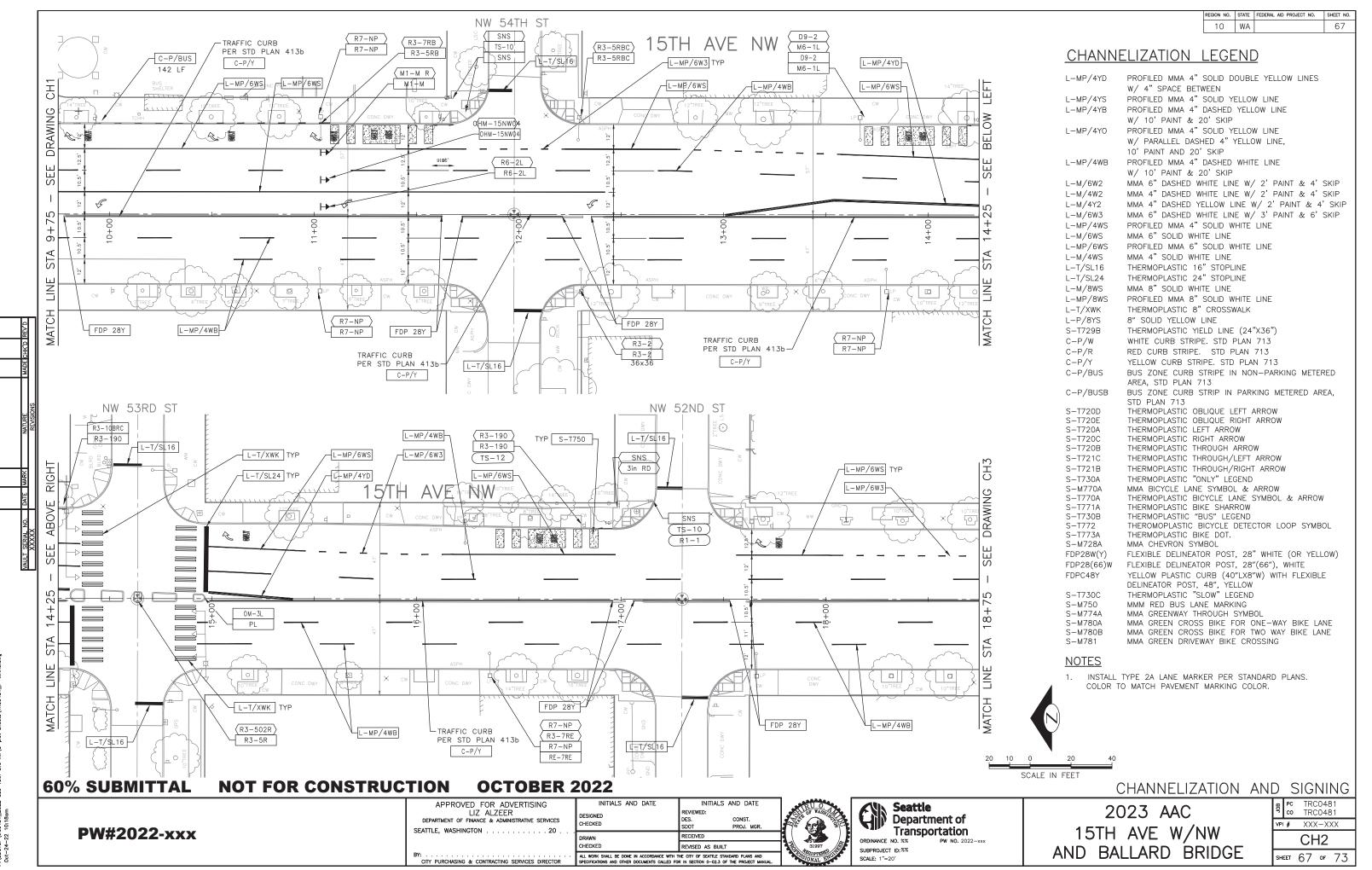
2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE DRAINAGE

| PC | TRC0481 | CO | TRC0481 | VPI # | XXX-XXX | SD8 | SHEET | 65 | of | 73

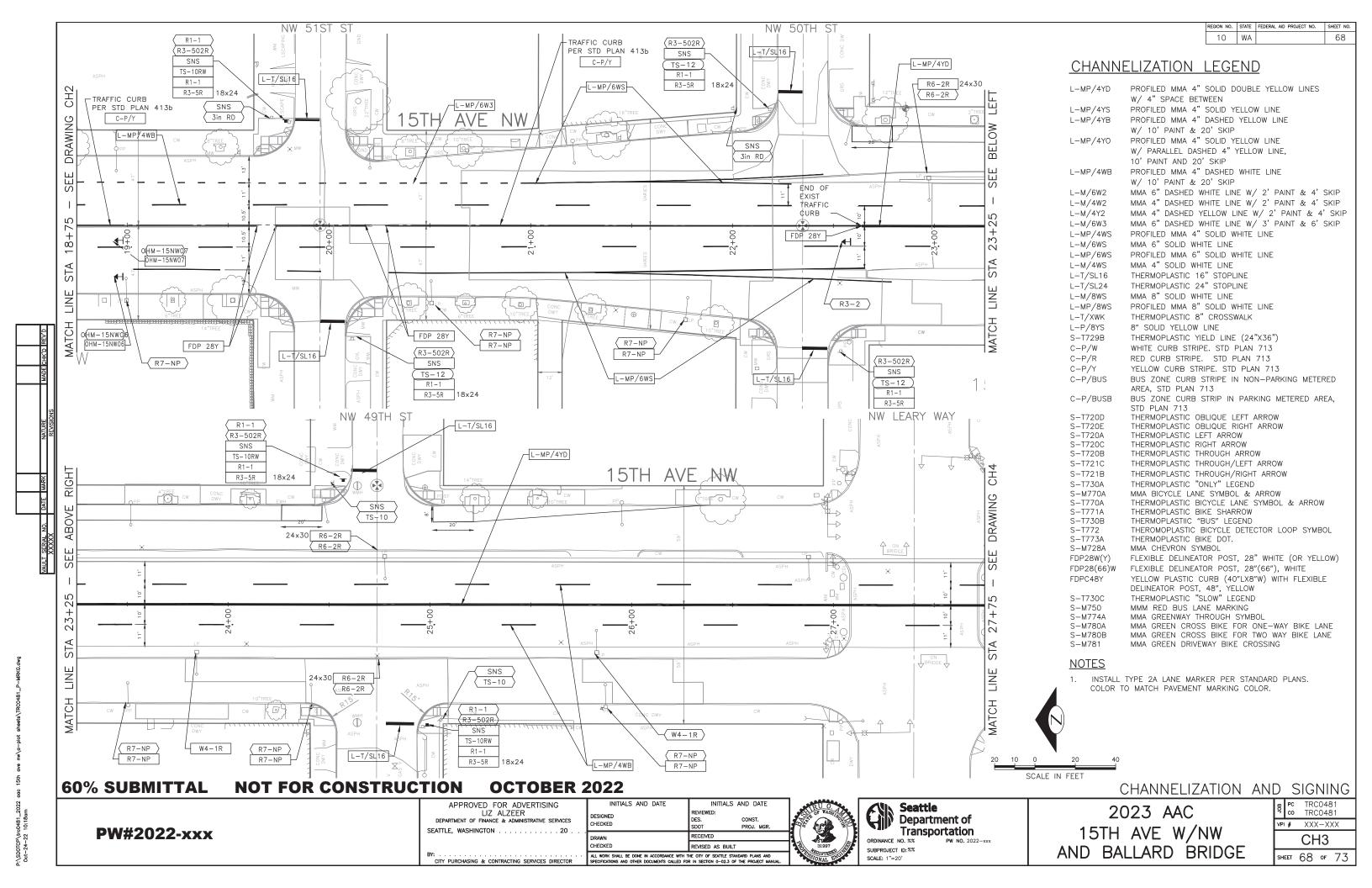
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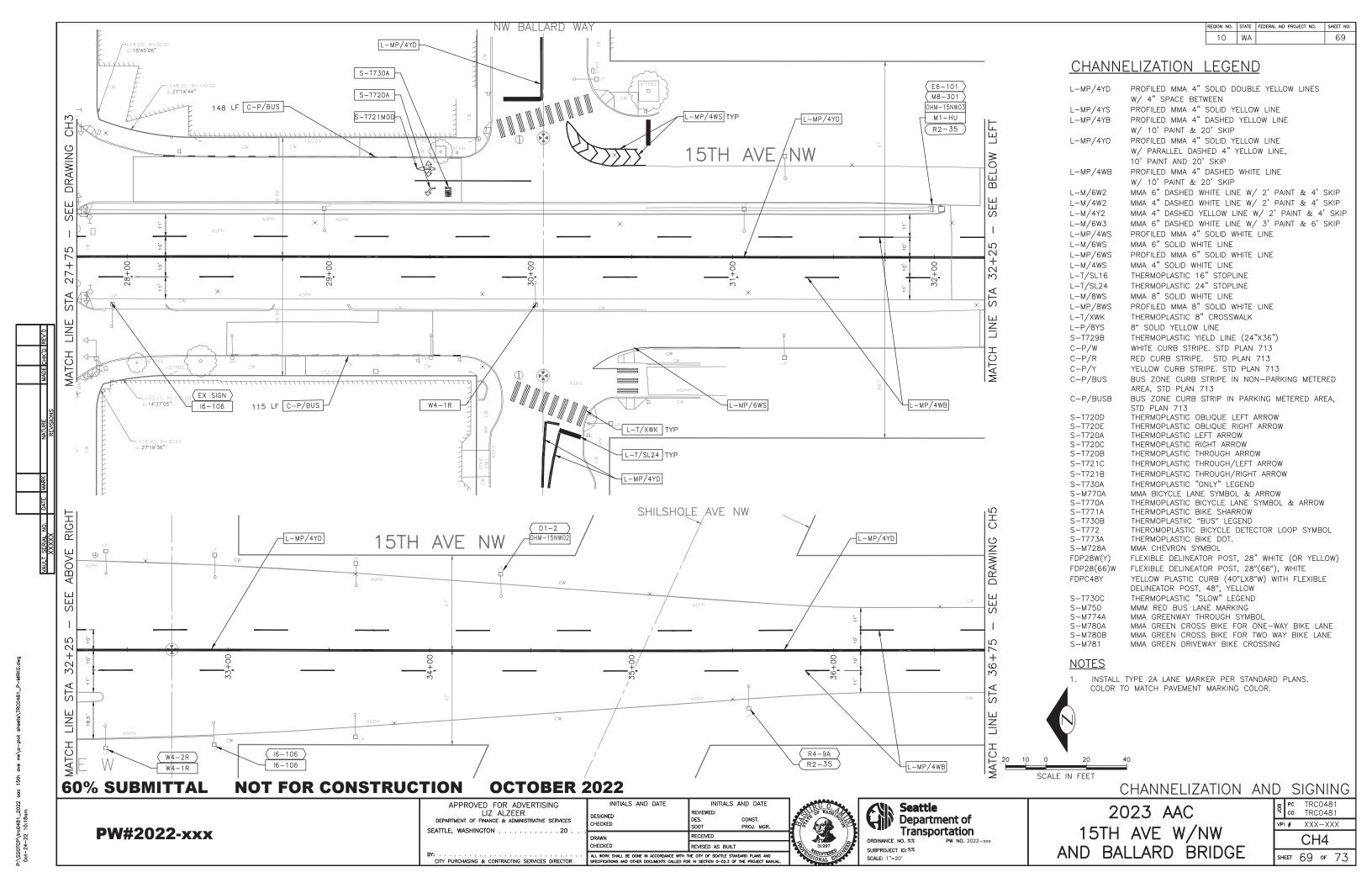
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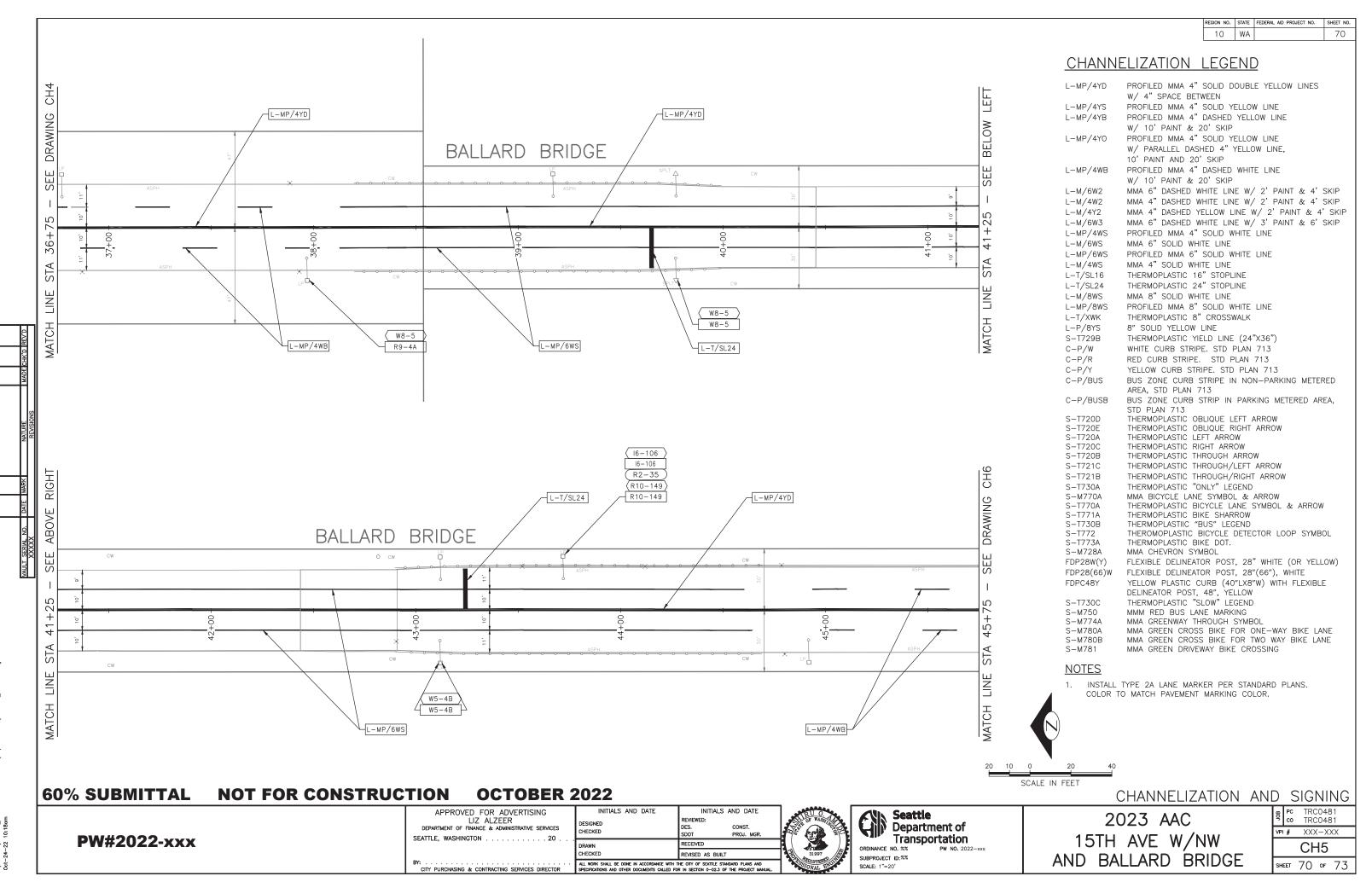




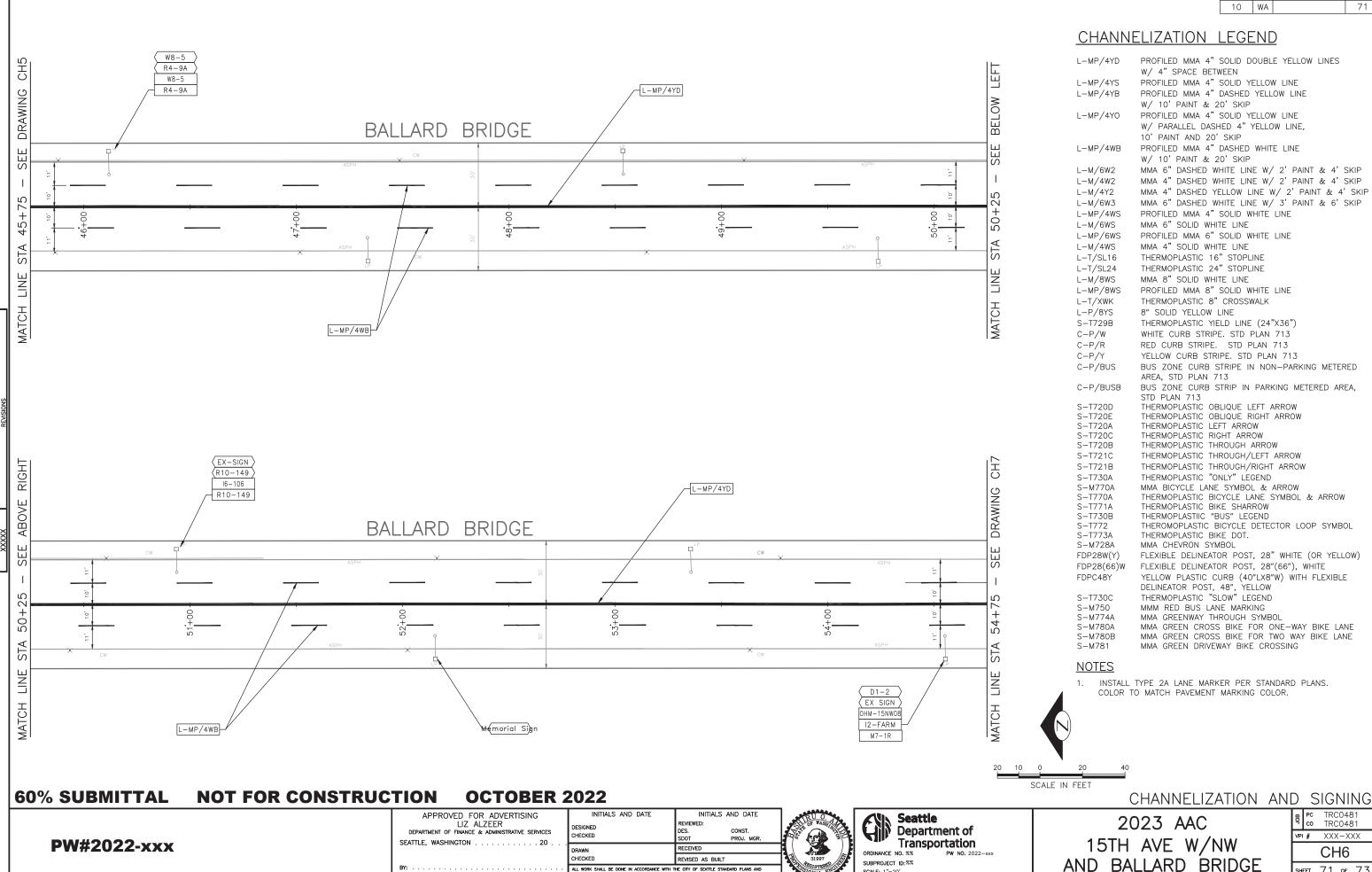
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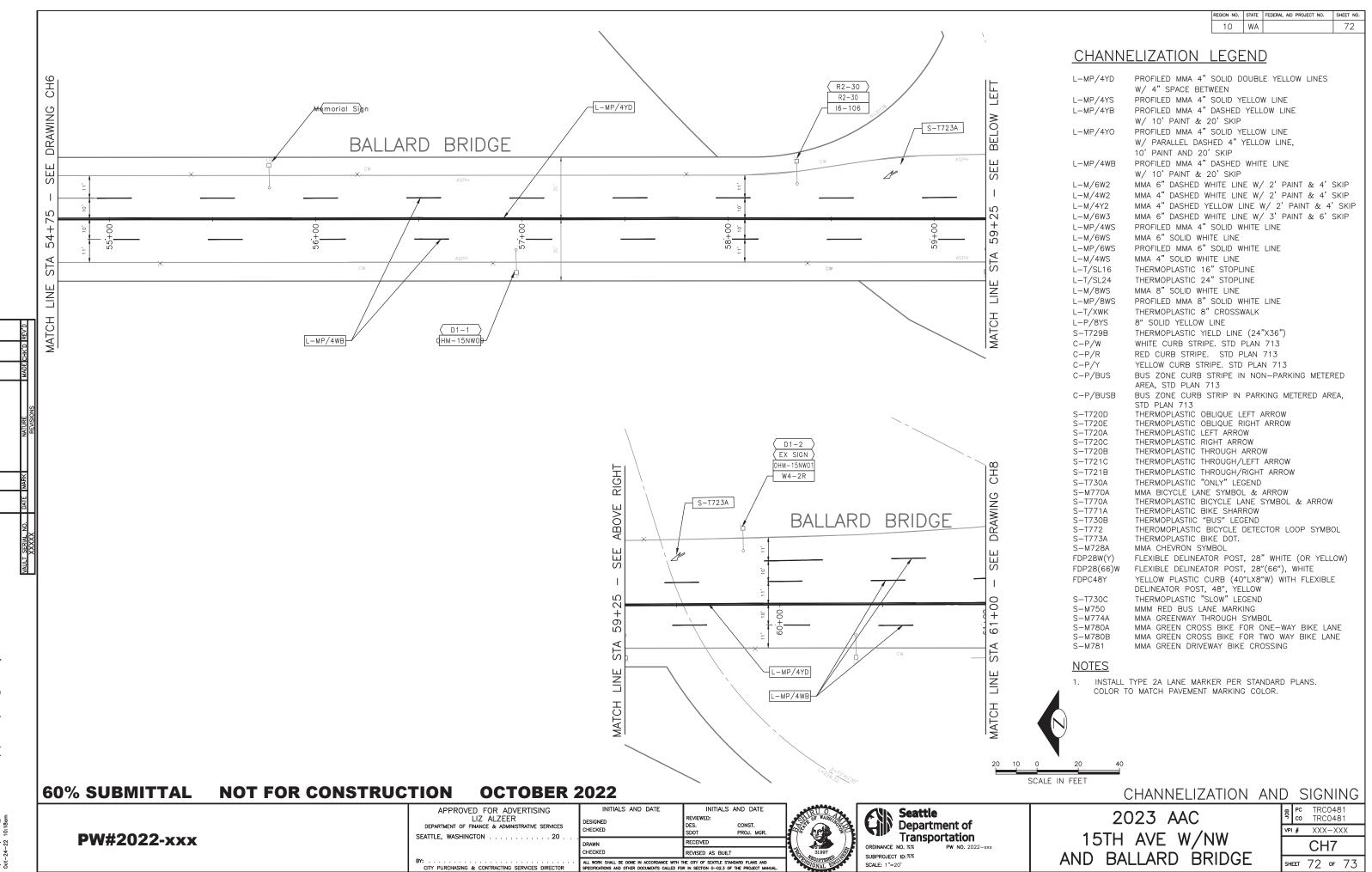


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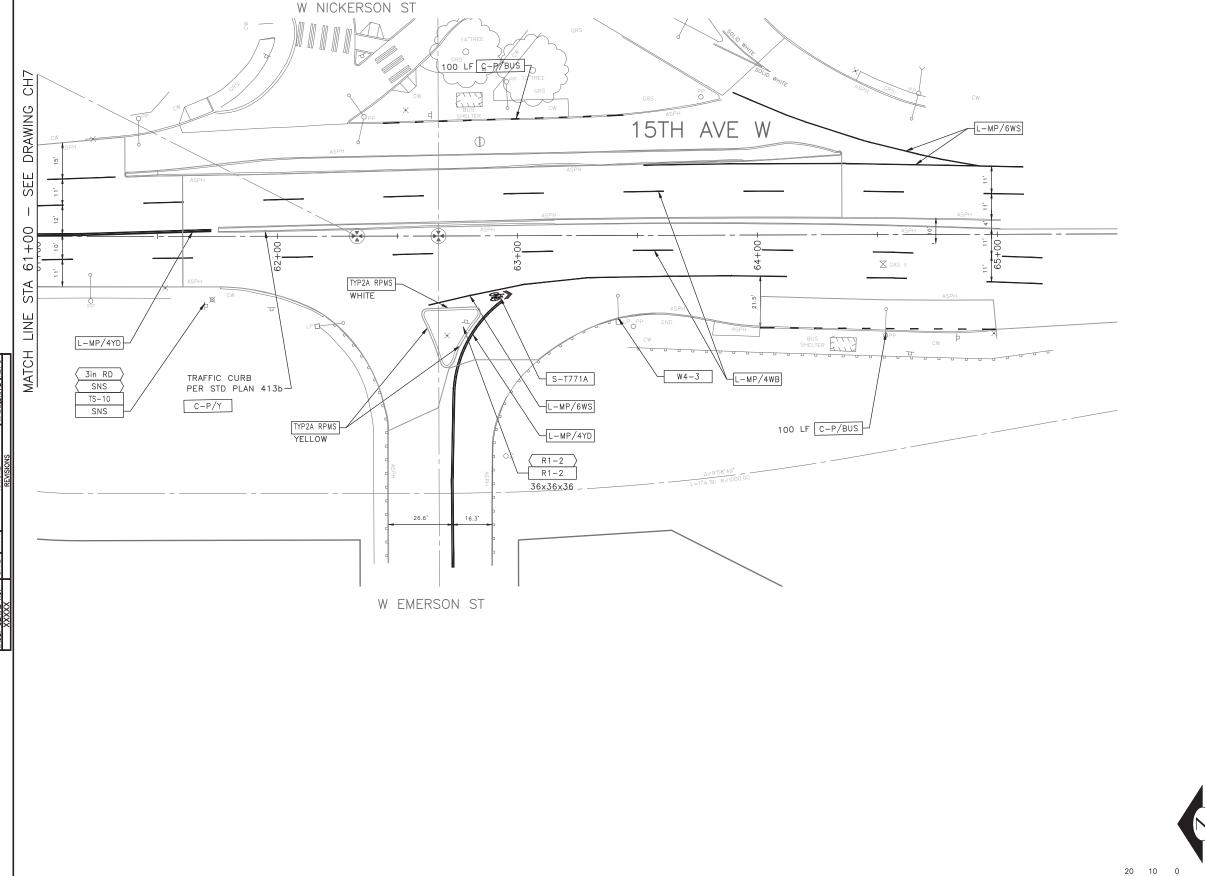
SCALE: 1"=20'

SHEET 71 OF 73

REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.



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CHANNELIZATION LEGEND

PROFILED MMA 4" SOLID DOUBLE YELLOW LINES

W/ 4" SPACE BETWEEN

L-MP/4YS PROFILED MMA 4" SOLID YELLOW LINE

PROFILED MMA 4" DASHED YELLOW LINE L-MP/4YB W/ 10' PAINT & 20' SKIP

PROFILED MMA 4" SOLID YELLOW LINE L-MP/4YO

W/ PARALLEL DASHED 4" YELLOW LINE,

REGION NO. STATE FEDERAL AID PROJECT NO. SHEET NO.

73

10 WA

10' PAINT AND 20' SKIP

L-MP/4WB PROFILED MMA 4" DASHED WHITE LINE

W/ 10' PAINT & 20' SKIP

MMA 6" DASHED WHITE LINE W/ 2' PAINT & 4' SKIP MMA 4" DASHED WHITE LINE W/ 2' PAINT & 4' SKIP L-M/4W2 L-M/4Y2 MMA 4" DASHED YELLOW LINE W/ 2' PAINT & 4' SKIP

MMA 6" DASHED WHITE LINE W/ 3' PAINT & 6' SKIP

L-MP/4WS PROFILED MMA 4" SOLID WHITE LINE

L-M/6WS MMA 6" SOLID WHITE LINE L-MP/6WS PROFILED MMA 6" SOLID WHITE LINE

MMA 4" SOLID WHITE LINE L-M/4WS L-T/SL16 THERMOPLASTIC 16" STOPLINE

L-M/6W3

THERMOPLASTIC 24" STOPLINE L-T/SL24 L-M/8WS MMA 8" SOLID WHITE LINE

L-MP/8WS PROFILED MMA 8" SOLID WHITE LINE L-T/XWK THERMOPLASTIC 8" CROSSWALK

L-P/8YS 8" SOLID YELLOW LINE

S-T729B THERMOPLASTIC YIELD LINE (24"X36") C-P/W WHITE CURB STRIPE. STD PLAN 713 C-P/R RED CURB STRIPE. STD PLAN 713 C-P/YYELLOW CURB STRIPE. STD PLAN 713

C-P/BUS BUS ZONE CURB STRIPE IN NON-PARKING METERED

AREA, STD PLAN 713 BUS ZONE CURB STRIP IN PARKING METERED AREA. C-P/BUSB

STD PLAN 713 THERMOPLASTIC OBLIQUE LEFT ARROW

S-T720E THERMOPLASTIC OBLIQUE RIGHT ARROW S-T720A THERMOPLASTIC LEFT ARROW

THERMOPLASTIC RIGHT ARROW S-T720C S-T720B THERMOPLASTIC THROUGH ARROW THERMOPLASTIC THROUGH/LEFT ARROW S-T721C S-T721B THERMOPLASTIC THROUGH/RIGHT ARROW

THERMOPLASTIC "ONLY" LEGEND S-T730A S-M770A MMA BICYCLE LANE SYMBOL & ARROW

S-T770A THERMOPLASTIC BICYCLE LANE SYMBOL & ARROW S-T771A THERMOPLASTIC BIKE SHARROW

S-T730B THERMOPLASTIIC "BUS" LEGEND

S-T772 THEROMOPLASTIC BICYCLE DETECTOR LOOP SYMBOL S-T773A THERMOPLASTIC BIKE DOT.

MMA CHEVRON SYMBOL S-M728A FDP28W(Y)

FLEXIBLE DELINEATOR POST, 28" WHITE (OR YELLOW) FDP28(66)W FLEXIBLE DELINEATOR POST, 28"(66"), WHITE FDPC48Y

YELLOW PLASTIC CURB (40"LX8"W) WITH FLEXIBLE DELINEATOR POST, 48", YELLOW

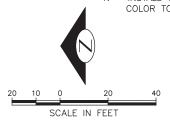
S-T730C THERMOPLASTIC "SLOW" LEGEND S-M750 MMM RED BUS LANE MARKING S-M774A MMA GREENWAY THROUGH SYMBOL

S-M780A MMA GREEN CROSS BIKE FOR ONE-WAY BIKE LANE MMA GREEN CROSS BIKE FOR TWO WAY BIKE LANE S-M780R

MMA GREEN DRIVEWAY BIKE CROSSING S-M781

NOTES

1. INSTALL TYPE 2A LANE MARKER PER STANDARD PLANS. COLOR TO MATCH PAVEMENT MARKING COLOR.



NOT FOR CONSTRUCTION OCTOBER 2022 **60% SUBMITTAL**

> APPROVED FOR ADVERTISING LIZ ALZEER
> DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 .

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE INITIALS AND DATE REVIEWED: CHECKED RECEIVED CHECKED ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MAN





2023 AAC 15TH AVE W/NW AND BALLARD BRIDGE

CHANNELIZATION AND SIGNING ер РС TRC0481 со TRC0481 VPI # XXX-XXX CH8 SHEET 73 OF 73

PW#2022-xxx