



**City of Springfield
Development and Public Works**

INVITATION TO BID

Project #P21195

42nd Street Overlay – IP to Marcola

THIS ABRIDGED BID BOOK DOES NOT CONTAIN ALL DOCUMENTS REQUIRED TO SUBMIT YOUR BID. YOU MUST PURCHASE A BID BOOK FROM THE CITY OF SPRINGFIELD (SOUTHEAST QUAD) 255 5TH STREET, SPRINGFIELD, OR 97477.

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A NON-MANDATORY pre-bid meeting will be held on Thursday, April 18th, 2024 at 10:00 am, online via Teams.

Microsoft Teams meeting

Join on your computer, mobile app, or room device

[Click here to join the meeting](#)

Meeting ID: 263 720 046 252

Passcode: EGL82v

[Download Teams](#) | [Join on the web](#)

The deadline for submitting questions regarding this Invitation to Bid prior to Bid opening is Thursday, April 25th, 2024 at 5:00 pm. All questions should be addressed to Amanda Clinton, Sr. Contracts Analyst, at aclinton@springfield-or.gov or 541-726-3628.

Any contact with other City officials may be grounds for disqualification of the Bid.

Please Take Note:

- The complete set of bid documents for this project consists of the Bid Book and Plan Set with Standard Drawings.
- For your Bid to be considered responsive, you must submit the required forms listed in the Instruction to Bidders, Page 2, Section 5.
- Any addendums or revisions must be acknowledged and submitted with your Bid. *You are not required to submit the Plan Set and Standard Drawings as a part of your Bid.*



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Local Funding

Documents indicated with a checkbox must be included with each bid submittal for the bid to be considered responsive. *Documents without a checkbox do not need to be included in the bid submittal.*

Book 1: Invitation to Bid Documents

- Invitation to Bidders
- Bid Submittal, Terms, and Declarations (Acknowledge Addenda)
 - Instruction to Bidders
 - Contract (Sample)
 - Prevailing Wage Rate Information
 - Special Provisions – Scope of Work
- First-Tier Subcontractor disclosure form
- Financial Responsibility
- Certificate of Compliance – Statement of nondiscrimination/ORS 279A.110
- Minority, Woman, and Emerging Small Business/Disadvantaged Business Enterprise Form (MWESB)
- Conflict of Interest Disclosure Form (COI)
- Non-Collusion Affidavit
 - Bid Bond (Sample)
 - Performance Bond (Sample)
 - Payment Bond (Sample)

Book 2: Project Plan Set and Standard Drawings– Separate Book

- Construction Plans and Drawings

Additional Documents to be submitted

- Bid Bond
- Addenda (if applicable)

CITY OF SPRINGFIELD, OREGON
Invitation to Bidders

Public Works Capital Improvement Project

Project No. P21195

Title: 42nd Street Overlay - IP to Marcola

Description: The 42nd Street Overlay – IP to Marcola project consists of paving a 2" Overlay with new striping, new signing and installing signal detection upgrades which will improve travel on 42nd Street from the south entrance of International Paper to Marcola Road.

A **NON-MANDATORY** pre-bid meeting will be held on **Thursday, April 18th, 2024, at 10:00 am**. The meeting will be held online via the Teams below. Please use the link below to attend:

Microsoft Teams meeting

Join on your computer, mobile app, or room device

[Click here to join the meeting](#)

Meeting ID: 263 720 046 252

Passcode: EGL82v

[Download Teams](#) | [Join on the web](#)

[Learn More](#) | [Meeting options](#)

Bid documents are available from the City of Springfield City Hall, Development and Public Works, Southeast Quad, 225 Fifth Street, Springfield, OR 97477, for a non-refundable fee of **\$35.00** and are available for viewing at this location. Abridged bid documents are available online at <https://springfield-or.gov/city/development-public-works/current-construction-projects/p21195-42nd-street-overlay-from-international-paper-to-marcola-road/>.

Bid books on file with plan centers are incomplete and cannot be submitted as completed bids.

The **deadline for submitting questions** regarding this Invitation to Bid is **Thursday, April 25th, 2024, at 5:00 pm**. Contact with other City officials may be grounds for disqualification of the bid. All questions should be addressed to **Amanda Clinton, Contracts Analyst, at 541-726-3628 or aclinton@springfield-or.gov**.

Any bidder requiring special assistance or auxiliary aids during the bidding and award process should contact **Mariah Kimpton at 541-726-2245 or mkimpton@springfield-or.gov** at least two (2) business days before the scheduled program, activity, or meeting for hearing assistance or a sign language interpreter and at least five (5) business days before the event for all other meeting accommodations. Assistive listening systems are available for the hearing impaired in the Municipal Courtrooms and City Council Chambers. TTY users dial Oregon Relay Services at 711. Requests for documents in alternate formats should be submitted at least ten (10) calendar days prior to the date the materials are needed to allow time for the City to respond to the request. At the discretion of the City, submission deadlines may be extended to accommodate a request for alternate formats.

This project is subject to the state prevailing wage rates under ORS 279C.800 to 279C.870. Each bid must contain a statement as to whether the bidder is a resident bidder, as defined in ORS 279A.120. In accordance with ORS 279C.365, the City will not consider a bid unless it contains a statement by the bidder that they will comply with ORS 279C.838 through ORS 279C.870.

All Contractors performing work on this project shall have a current, valid certificate of licensure issued by the Construction Contractor's Board in accordance with ORS 701 and, if performing work described in ORS 671.520, a current, valid certificate of licensure from the State Landscape Contractor's Board in accordance with ORS 671.560, as applicable, in place at the time the quote is presented.

The City of Springfield may reject any or all bids not in compliance with all prescribed public bidding procedures and requirements, including the requirement to demonstrate the bidder's responsibility under ORS 279C.375, or waive minor irregularities not affecting substantial rights and may reject for a good cause any or all bids upon a finding of the City of Springfield it is in the public interest to do so and accept such bids that in the opinion of the Springfield City Council are in the best interest of the City.

The City of Springfield encourages contractors, sub-contractors, minority, woman-owned, and emerging small businesses to participate in City projects.

Sealed bids will be received at City Hall Development and Public Works, Southeast Quad, Attn: Sr. Contracts Analyst, Amanda Clinton, 225 Fifth Street, Springfield, OR 97477, until, but no later than 2:00 pm Local Time, **Thursday, May 9th, 2024**, and opened immediately online via a Teams meeting;

Microsoft Teams meeting

Join on your computer, mobile app, or room device

[Click here to join the meeting](#)

Meeting ID: 244 910 275 287

Passcode: 5rmzfq

[Download Teams](#) | [Join on the web](#)

Published: Daily Journal of Commerce & Creswell Chronicle, OregonBuys.com

ITB3 Rev 02/23/2019

Solicitation Number S3601



Construction Bid Submittal

Project No. P21195

Project Title: 42nd Street Overlay, IP to Marcola

Item No.	Description	Specification Number	Unit	Approx. Quantity	Unit Price	Total Price Extension
10	MOBILIZATION	210	LS	1		
20	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	221	LS	1		
30	TEMPORARY SIGNS	222	SF	1,190		
40	PORTABLE CHANGEABLE MESSAGE SIGNS	222	Each	6		
50	FLAGGERS	223	Hour	675		
60	FLAGGER STATION LIGHTING	223	Each	8		
70	RAILROAD FLAGGER SERVICES	223	Each	4		
80	TEMPORARY BARRICADE, TYPE II	224	Each	41		
90	TEMPORARY BARRICADE, TYPE III	224	Each	11		
100	TEMPORARY PLASTIC DRUMS	224	Each	53		
110	TEMPORARY FLEXIBLE PAVEMENT MARKERS	225	Each	1,140		
120	TEMPORARY REMOVABLE TAPE	225	Foot	2,156		
130	LEGEND REMOVAL	225	SF	204		
140	BAR REMOVAL	225	SF	2,156		
150	PEDESTRIAN CHANNELIZING DEVICES	228	FT	300		
160	TEMPORARY CURB RAMP, PARALLEL	228	Each	4		
170	EROSION CONTROL	280	LS	1		
180	COMPOST EROSION BLANKET	280	SY	49		
190	CONCRETE WASHOUT FACILITY	280	Each	2		
200	SEDIMENT FENCE	280	FT	41		
210	INLET PROTECTION, TYPE 3	280	Each	2		
220	INLET PROTECTION, TYPE 10	280	Each	10		
230	SEDIMENT BARRIER, TYPE 7	280	FT	2,250		
240	POLLUTION CONTROL PLAN	290	LS	1		
250	CONTAMINATED SOIL DISPOSAL	294	TN	94		
260	LEAD COMPLIANCE PLAN	294	LS	1		
270	CONSTRUCTION SURVEY WORK	305	LS	1		
280	REMOVAL OF SURFACINGS FOR CURB RAMP CONSTRUCTION	310	SY	763		
290	CLEARING AND GRUBBING	320	LS	1		
300	EMBANKMENT IN PLACE	330	CY	30		
310	SUBGRADE GEOTEXTILE	350	SY	275		

320	MINOR ADJUSTMENT OF MANHOLES	490	Each	3		
330	COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	620	SY	24,305		
340	COLD PLANE PAVEMENT REMOVAL, 4 INCHES DEEP	620	SY	1,736		
350	AGGREGATE BASE	640	TN	322		
360	AGGREGATE SHOULDERS	640	TN	94		
370	EMULSIFIED ASPHALT FOR TACK COAT	730	TN	11		
380	LEVEL 3, 1/2 INCH ACP MIXTURE, FIBER REINFORCED	744	TN	3,642		
390	28 INCH ASPHALT CONCRETE PAVEMENT REPAIR	748	SY	743		
400	CONCRETE CURBS, CURB AND GUTTER	759	FT	495		
410	CONCRETE CURBS, STANDARD CURB	759	FT	57		
420	CONCRETE WALKS	759	SF	3,707		
430	EXTRA FOR NEW CURB RAMPS	759	Each	18		
440	TRUNCATED DOMES ON NEW SURFACES	759	SF	240		
450	BI-DIRECTIONAL YELLOW TYPE I MARKERS	855	Each	170		
460	METHYL METHACRYLATE, EXTRUDED OR SPRAYED, SURFACE, NON-PROFIED	865	FT	27,500		
470	PAVEMENT LEGEND, TYPE B-HS: ARROWS	867	Each	23		
480	PAVEMENT LEGEND, TYPE B-HS: RAILROAD CROSSING	867	Each	1		
490	PAVEMENT BAR, TYPE B-HS	867	SF	1,300		
500	REMOVE EXISTING SIGNS	905	LS	1		
510	REMOVE AND REINSTALL EXISTING SIGNS	905	LS	1		
520	SIGN SUPPORT FOOTINGS	920	LS	0.53		
530	PERFORATED STEEL SQUARE TUBE ANCHOR SIGN SUPPORTS	930	LS	313		
540	SIGNS, STANDARD SHEETING, SHEET ALUMINUM	940	SF	25		
550	TRAFFIC SIGNAL MODIFICATION, 42 ND AND OR126 EB RAMPS	990	LS	1		
560	TRAFFIC SIGNAL MODIFICATION, 42 ND AND OLYMPIC	990	LS	1		
570	TRAFFIC SIGNAL MODIFICATION, 42 ND AND INTERNATIONAL PAPER	990	LS	1		
580	PERMANENT SEEDING	1030	Acre	0.10		
590	BARK MULCH	1040	CY	1.5		
				TOTAL		

Anticipated Items: 00744.90

600	ACP Escalation					
				TOTAL		

Terms, Declarations and Bid Submittal

Bidder's Understanding

Bidders shall determine for themselves all the conditions and circumstances affecting the projected cost of the proposed work by personal examination of the site, Contract documents, and by such other means they may deem to be necessary. It is understood and agreed that in the event the City has obtained information from data at hand regarding underground or other conditions or obstructions depicted in the Contract documents, there is no expressed or implied agreement that such conditions are fully or correctly shown, and the Bidder must take into consideration the possibility that conditions affecting the cost or quantity of work may differ from those indicated.

The Bidder is familiar with and is satisfied as to all federal, state and local laws and regulations that may affect cost, progress, and performance of the work.

Bid

The undersigned Bidder having examined the Specifications and Contractual Documents and having satisfied themselves as to all conditions to be encountered, hereby proposes to furnish all labor, material and equipment and perform all work necessary to complete the project in accordance with this Bid, the Contract Plans, Section 100 of the City of Springfield Standard Construction Specifications, Parts 00200 through 03000 of the 2024 Oregon Standard Specifications for Construction, the Special Provisions, and all other Contractual Documents at the prices and on the terms herein contained.

The unit price Bids are submitted with the understanding that the quantities stated are approximate and are given only as the basis of calculation for comparison of Bids and determining that the unit prices are balanced and that final payment for all unit price items will be based on actual quantities.

It is understood that in the instance of a discrepancy between the unit price and the extension (total price extension) the unit price shall govern. The extension shall be determined by multiplying the unit price by the number of units (approximate quantity).

Bid Guarantee

As required by ORS 279C.365(5) each Bid shall be accompanied by a Bid Bond, cash, or a certified or cashier's check written upon a bank in good standing and in a form acceptable to the City, payable to the Finance Director of the City of Springfield, Oregon, in an amount equal to at least 10 percent of the total amount of the Bid. Bid Bonds shall be issued by a surety company registered to issue bonds in the State of Oregon and utilizing a bond form acceptable to the City. The city will accept AIA Document A310-2010. The Bid Bond may not be altered.

Such Bid Guarantee shall be forfeited and become the property of the City in case the Bidder shall fail or neglect to furnish a satisfactory Performance and/or Payment Bond issued by a viable bond company acceptable to the City as required by ORS 279C.380 and to execute the Contract within ten (10) days (Saturday, Sunday, and holidays excepted) after receiving Contract from the City for execution. For information regarding Performance and Payment Bond requirements see City of Springfield Contract document, Section 5. City Bonding.

Bid Acceptance Period

This Bid will remain subject to acceptance for a period of 60 days after the bid opening, or for such longer period of time that the Bidder may agree to in writing upon request of the City.

Contract Award

Bids will be accepted and awarded in accordance with Oregon Public Contracting Law and the City's most recent version of the Standard Construction Specifications.

Prior to awarding the Contract, the City may, at its sole discretion, require Contractors and/or Subcontractors to demonstrate to the City's satisfaction that they have a complete and clear understanding of all requirements of the Prevailing Wage Rate Laws contained in ORS 279C.800 through 279C.870 and possess the expertise necessary for fulfilling their obligations pertaining to these requirements throughout the administration of the Contract. In determining competency, the City may consider Certified Payroll Reports submitted by the Contractor and/or Subcontractor for projects previously performed for the City, copies of Certified Payroll Reports submitted to other public entities, references from other public entities attesting to the Contractor's expertise, or an interview with the Contractor regarding their personnel resources and

expertise or their ability to obtain the resources and expertise necessary to meet all contractual responsibilities in accordance with ORS 279C.375.

Time is of the Essence

Time is of the essence in the Contractor's performance of the Contract. Delays in the Contractor's performance of the work may inconvenience the public, interfere with business and commerce, and increase cost to the City. It is essential and in the public interest that the Contractor prosecute the work vigorously to Contract completion. The City does not waive any rights under the Contract by permitting the Contractor to continue to perform the Contract, or any part of it, after the Contract Time of Completion shown below, or as adjusted by Contract Change Order, has expired.

Liquidated Damages

The City of Springfield and the Contractor agree that; (a) the amounts so fixed are reasonable forecasts of just compensation for the harm that is caused by the breach; (b) the harm that is caused by the breach is one that is incapable of or very difficult of accurate estimation; and, (c) the amount so fixed is not fixed as a penalty to coerce performance of the Contract but is rather intended to be a genuine pre-estimation of injury to the City of Springfield in lieu of performance within the contract time by the Contractor.

a. Delay

It is agreed by the City of Springfield and by the Contractor that the need exists for a damage provision in the event the Contractor fails to complete the work within the Contract time specified, or any extension thereof, by the City of Springfield. The City of Springfield and the Contractor further agree that the Contractor shall be liable to the City of Springfield for fixed, agreed and liquidated damages for each and every calendar day of delay in the amount of **\$500.00** per day in accordance with Subsection 180.85 of the Standard Construction Specifications.

b. Failure to Report Spills

The Contractor also agrees to liquidated damages in the amount of **\$500.00** per incident for failure to report sewage spills plus an amount sufficient to reimburse the City for any civil and administrative penalties paid by the City as a result of the contractor's failure to report. Failure to report sewage spills may subject the City to (1) civil penalties of up to \$32,500.00 per day of violation pursuant to Section 309(d) of the Clean Water Act, 33 U.S.C. § 1319(d); (2) administrative penalties of up to \$11,000.00 per day for each violation, pursuant to Section 309(g) of the Clean Water Act, 33 U.S.C. § 1319(g); or (3) civil action in federal court for injunctive relief pursuant to Section 309(b) of the Clean Water Act, 33 U.S.C. § 1319(b).

Contract Time of Completion

The Contractor shall not begin work under this Bid until written Notice to Proceed has been received and a pre-construction meeting has been held. The Contractor shall complete the work under this Bid project no later than September 30th, 2024.

The Contractor shall apply for any extensions of time as specified in Subsection 180.80 of the Standard Construction Specifications.

Certifications

The undersigned hereby certifies that:

- 1.) If awarded the Contract, that they shall fully comply with all provisions regarding the prevailing wage rates as required by ORS 279C.800 to 279C.870 and/or 40 U.S.C. 2762 as applicable.
- 2.) The Contractor, Subcontractor, suppliers of materials or services, and others engaged by the Contractors, shall comply at all times with and observe all such laws, ordinances, regulations, orders, and decrees; and shall hold harmless and indemnify the City of Springfield and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree.
- 3.) The Contractor, Subcontractor or other person doing, or contracting to do, or contracting for the whole or any part of the work on the Contract shall comply with all applicable requirements of Federal and State civil rights and rehabilitation statutes, rules and regulations.

- 4.) In conformance with OAR 137-049-0440(3) and ORS 279A.110(4) the Contractor has not, and will not, discriminate against a Subcontractor in the awarding of a subcontract because the Subcontractor is a minority, women or emerging small business enterprise certified under ORS 200.055 or a business enterprise that is owned or controlled by or that employs a disabled veteran, as defined in ORS 408.225.
- 5.) In accordance with ORS 279C.505, the Contractor will;
 - a.) Make payment promptly, as due, to all persons supplying to the Contractor labor or material for the performance of the work provided for in the Contract.
 - b.) Promptly pay all contributions or amounts due the State Industrial Accident Fund, or private carrier of accident insurance, from such Contractor or Subcontractor incurred in the performance of the Contract. If a private carrier is used, the Contractor shall notify the Engineer as to the carrier's name and address before commencement of work.
 - c.) Not permit any lien or claim to be filed or prosecuted against the state or a county, school district, municipality, municipal corporation or subdivision thereof, on account of any labor or material furnished.
 - d.) Pay to the Department of Revenue all sums withheld from employees under ORS 316.167.
 - e.) Have an employee drug testing program in place at the time of signing the contract and will maintain such drug testing program in place over the life of the Contract. Upon request, the Contractor shall furnish a copy of the employee drug testing program to the City.
- 6.) In accordance with ORS 279C.510, If demolition is involved, the Contractor shall salvage or recycle construction and demolition debris, if feasible and cost-effective as required by ORS 279C.510(1). If lawn or landscaping maintenance is involved, the Contractor shall compost or mulch yard waste in an approved site, if feasible and cost-effective as required by ORS 279C.510(2).
- 7.) In accordance with ORS 279C.520, no person will be employed by the Contractor or Subcontractor for more than 10 hours in any one day, or 40 hours in any one week except in cases of necessity, emergency, or where the public policy absolutely requires it, and in such cases the person so employed shall be paid at least time and one-half the regular rate of pay for all times worked in excess of eight hours a day or 40 hours in any one week when the work week is five consecutive days, Monday through Friday; or in excess of 10 hours a day or 40 hours in any one week when the work week is four consecutive days, Monday through Friday; and for all work performed on a Saturday, Sunday and on any legal holiday specified in ORS 279C.540.
- 8.) In compliance with ORS 279C.525, the Contractor has received and reviewed Federal, State and local agencies that may have enacted ordinances, rules or regulations dealing with the prevention of environmental pollution and the preservation of natural resources that may affect the performance of this Contract as identified under Section 13 of the Contract. Accordingly, if the Contractor is delayed or must undertake additional work by reason of ordinances, rules, or regulations relating to the prevention of environmental pollution and the protection of natural resources subsequent to the date of submission or the successful quote, the City may:
 - a.) Terminate the Contract,
 - b.) Complete the work itself,
 - c.) Use non-owner forces already under contract with the City of Springfield,
 - d.) Solicit bids for a new contractor to provide the necessary services under competitive bid requirements 279C,
 - e.) Issue the Contractor a change-order setting forth additional work that must be undertaken.
- 9.) In accordance with ORS 279C.530, the Contractor will;
 - a.) Promptly, as due, make payments to any person, co-partnership, association or corporation, furnishing medical, surgical, and hospital care or other needed care and attention, incidental to sickness or injury, to the employees of such Contractor, of all sums which the Contractor agrees to pay for such services and all monies and sums which the Contractor:

1. May or shall have deducted from the wages of his employees for such services pursuant to the terms of Oregon Revised Statutes and any contract entered in pursuant thereto; or
 2. Collected or deducted from the wages of his employees pursuant to any law, contract, or agreement for the purpose of providing or paying for such service; and
 3. All employers working under the Contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126. The Contractor shall ensure that each of its Subcontractors complies with these requirements.
- 10.) No Contractor, Subcontractor or any firm, corporation, partnership or association in which the Contractor or Subcontractor has a financial interest who appears on the *List of Contractors Ineligible to Receive Public Works Contracts*, as established by the Bureau of Labor and Industries, will perform work under this Contract, as specified in ORS 279C.860.
 - 11.) No Contractor, Subcontractor or any firm, corporation, partnership or association in which the Contractor or Subcontractor has a financial interest who appears on the Construction Contractor's Board *Not Qualified to Hold Public Contracts* list, will perform work under this Contract, as specified in ORS 701.227(4).
 - 12.) The Contractor performing work on this project shall have a current, valid certificate of licensure issued by the Construction Contractor's Board in accordance with ORS 701 and, if performing work described in ORS 671.520, a current, valid certificate of licensure from the State Landscape Contractor's Board in accordance with ORS 671.560 as applicable in place at the time the quote is presented.
 - 13.) Prior to performing any work under the Contract all Subcontractors shall have a current, valid certificate of licensure issued by the Construction Contractor's Board in accordance with ORS 701 and, if performing work described in ORS 671.520, a current, valid certificate of licensure from the State Landscape Contractor's Board in accordance with ORS 671.520 as applicable.
 - 14.) In compliance with ORS 279C.836, the Contractor shall confirm that all Subcontractors have a valid public works bond on file with the Construction Contractors Board prior to allowing them to perform any work under the Contract.
 - 15.) If the Contract specifies that the project includes Asbestos Abatement, the Contractor and all Subcontractors performing work on the project shall be licensed in accordance with ORS 467A.720 prior to performing any work on the project. Certification of compliance shall be presented to the City upon request.
 - 16.) The Contractor shall function as an independent contractor for the purposes of this Contract and shall not be considered an employee of the City of Springfield for any purpose. The Contractor shall assume sole responsibility for any debts or liabilities that may be incurred by the Contractor in fulfilling the terms of this Contract and shall be solely responsible for the payment of all federal, state, and local taxes which may accrue because of this Contract.
 - 17.) The Contractor and all Subcontractors shall comply with all applicable provisions of the Americans With Disabilities Act of 1990, 42 USC Section 12101 et seq. and Section 504 of the Rehabilitation Act of 1973.

Bid Addenda

All Addenda issued are considered to be part of the specifications of the Invitation to Bid and, as such, are as incorporated into the Contract as specified in Section 120.15 of the Standard Construction Specifications.

By signing below, I acknowledge the receipt of the following Addenda documents and certify that the specifications contained in each have been considered and incorporated into the Bid as presented. All Addenda must be included with the Bid submitted.

Addenda Number	Addenda Date

Declarations

As required by ORS 305.385(6), under penalty of perjury, by signing below the Contractor represents that, to the best of their knowledge, neither they nor any applicable Subcontractors performing work under the Contract are in violation of any tax laws as described in ORS 305.380(4) and have complied with the tax laws of this state or a political subdivision thereof including, but not limited to, ORS 305.620 and ORS Chapters 316, 317 and 318. The Contractor shall also covenant to continue to comply with the tax laws of this state or a political subdivision thereof during the term of the Contract and that Contractor’s failure to comply with such laws prior to execution of the Contract or during the term thereof is a default for which the City may terminate the Contract and seek damages and other relief available under the terms of the Contract or under applicable law.

The undersigned Bidder declares that the only persons or parties interested in the Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the City, and that the Bid is made without any connection or collusion with any person submitting another Bid on this project.

I have read, fully understand, and agree that as Bidder I, and all Subcontractors, will comply with all of the terms and conditions of the contract for which this Bid is presented. By signing below I attest that I am an officer or a duly authorized representative of the business listed below and that I possess the legal authority to submit this Bid for consideration.

If the Bid is submitted by a joint venture and is in the name of the joint venture, by signing below I certify that all parties have examined this Bid, including all requirements and the Contract terms and conditions and, if successful, the joint venture shall execute a Contract which incorporates the stated requirements, terms and conditions.

Bidder’s Signature _____

Bidder’s Name *(Please Print)* _____

Title _____

Business Name _____

Business Address _____

City _____ State _____ Zip _____

Phone Number _____ Cell Phone _____

Date _____ E-mail Address _____



CITY OF SPRINGFIELD

INSTRUCTION TO BIDDERS

Local Funding Sources

1. Contracting Law

The Bidder is presumed to be familiar with all federal, state, and local laws, ordinances and regulations, orders and decrees which affect those engaged or employed in the work, materials, or equipment used in the proposed construction or which may affect the conduct of the work. If the Bidder or Contractor shall discover any provision in the Contract Documents which is contrary to or inconsistent with any law, ordinance, or regulation, he/she shall immediately report it to the Owner in writing.

The Contractor, Subcontractor, suppliers of materials or services, and others engaged by the contractors, shall comply at all times with and observe all such laws, ordinances, regulations, orders, and decrees; and shall hold harmless and indemnify the City of Springfield and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree.

2. Prequalification

There is no prequalification application to this Contract. Bidders unfamiliar to the City and who are not currently pre-qualified with ODOT or the City, may be required to prove to the City that they have the adequate resources, experience and equipment to complete the work.

3. Contract Documents

3.1 Plans and Specifications

Plans, Specifications, and any additional information relative to this project which are on file in the City Engineer's Office shall be made available there for inspection by prospective Bidders.

3.2 Examination of Contract Documents and Site of Work

Bidders shall determine for themselves all the conditions and circumstances affecting the projected cost of the proposed work by personal examination of the site, Contract Documents, and by such other means. It is understood and agreed that the City has obtained information regarding underground or other conditions or obstructions depicted in the Contract Documents from data at hand. There is no expressed or implied agreement that such conditions are fully or correctly shown, and the Bidder must take into consideration the possibility that conditions affecting the cost or quantity of work may differ from those indicated.

3.3 Interpretation of Contract Documents

If it should appear to a Bidder that the work to be done is not sufficiently described or explained in the Contract Documents, or that Contract Documents are not definite and clear, the Bidder shall make written inquiry regarding same to the individual shown, in the manner instructed and within the timeframe indicated in the Invitation to Bid advertisement. Questions received will be evaluated and if, in the judgment of the City, the response does not alter or amend the requirements or scope of the Invitation to Bid, but merely clarifies existing information, the response will be entered on the Clarifications Log and posted to the project webpage as shown in the Invitation to Bid. If, in the judgment of the City, additional information or interpretation is necessary, such information shall be supplied in the form of an addendum to all individuals, firms, and corporations listed on the Plan Holders List and those individuals that attended

the Pre-Bid Meeting and provided an accurate e-mail address on the sign-in sheet. Such addenda shall have the same binding effect as though contained in the main body of the Contract Documents. The City is not responsible for any explanation, clarification, interpretation, or approval made or given in any manner except by written addenda issued by City.

3.4 Addenda to Contract Documents

Any addenda issued by the City, which may include changes, corrections, additions, interpretations, or information issued 72 hours or more before the scheduled closing time for filing the Bids shall be binding upon the Bidder. Addenda will be posted to the City's website at [Invitations to Bid - City of Springfield Oregon \(springfield-or.gov\)](https://www.springfield-or.gov/Invitations-to-Bid); click under the project the addenda pertains to. The Contractor should check the website frequently for new postings during the open bid period. The City shall make a reasonable effort to notify all individuals, firms, and corporations listed on the Plan Holders List and those individuals that attended the Pre-Bid Meeting and provided an accurate e-mail address on the sign-in sheet when addenda are issued. Failure of the Contractor to receive or obtain such addenda shall not excuse them from compliance.

4. Estimate of Listed Quantities

The estimate of quantities of work to be done under unit price bids is approximate and is given only as the basis of calculation for comparison of Bids and award of the Contract. The Owner does not agree that the actual amount of work will correspond precisely to the amount as shown or estimated. Payment will be made at unit prices under a Contract only for work actually performed or materials actually furnished according to actual measurements.

The Owner reserves the right to increase or decrease the amount of any class or portion of the work. No such change in the work shall be considered as a waiver of any condition of the Contract, nor shall such change invalidate any of the provisions thereof.

5. Bid

5.1 Bid Submittal and Forms

The complete set of bid documents for this project consists of two sections, the Invitation to Bid Documents and the Project Plan Set.

For the City of Springfield to consider your bid responsive, you must include all documents listed in the Instruction to Bidders, in numerical order according to the Table of Contents.

The forms that must be included with all bid submittals, include:

1. Bid Submittal, Terms and Declarations
2. First-Tier Sub-Contractor Disclosure Form
3. Financial Responsibility Form
4. Certificate of Compliance - Statement of Non-Discrimination/ORS 279A.110
5. Minority, Woman and Emerging Small Business/Disadvantaged Business Enterprise Form (MWESB)
6. Conflict of Interest Disclosure Form (COI)
7. Non-Collusion Affidavit
8. Bid Bond

The Project Plan Set is not required to be submitted as part of your bid.

Additionally, any addendums or revisions must be acknowledged and submitted with your Bid.

The Bid Submittal, Bid Bond, Certified Check, or Cashier's Check shall be enclosed in a sealed and labeled

envelope. The outside of the envelope shall plainly identify: The project name and project number and (2) The Bid opening date. All Bids must be clearly and distinctly typed or written with ink or indelible pencil. Unless otherwise specified, Bidders shall bid on all Bid items, and must include in their Bid prices the entire cost of each item of work set forth in the Bid.

Any statement accompanying and tending to qualify a Bid may cause rejection of such Bid, unless such statement is required in a Bid embracing alternate Bids. If, in the opinion of the City, the items or prices in any Bid appear unbalanced, incomplete, or fail to comply with all the terms required, the Bid may be rejected.

Sealed Bids shall be labeled clearly, addressed to Amanda Clinton, Contracts Analyst, and received at City of Springfield, City Hall, Development and Public Works, "Southeast Quad", 225 Fifth St. Springfield, Oregon, 97477 at, or before, the time and date noted on the Invitation to Bidders, after which time the Bids will be publicly opened and read aloud.

All Bids shall be on the form furnished by the City, and in addition to necessary unit price items and total prices in the column of totals to make a complete Bid, all applicable blanks giving general information must be filled in and the Bids signed by an officer or duly authorized representative of the Bidder. The only exceptions to this requirement are the Performance Bond, Payment Bond and the Contract documents which are provided here as a reference. However, if you are awarded the Bid, you will be required to submit fully executed copies of these documents upon request.

5.2 First Tier Subcontractor Statement

Bidders are required to disclose information about certain first-tier subcontractors when the contract value for a Public Improvement is greater than \$100,000 (see ORS 279C.370). If the total Bid price for the contract exceeds \$100,000, the Bidder shall submit on the form provided (within two working hours of the date and time of when the bids are due), a list of all first-tier subcontractors (those entities that would be contracting directly with the prime Contractor) which will be furnishing labor or material on the Contract whose subcontract value would be equal to or greater than 5 percent of the total Bid price, but at least \$15,000. Also, any Subcontractor with a subcontract value greater than \$350,000, regardless of the percentage of the total Bid price, must be listed. The following information must be listed: a) The Subcontractor's name and address, b) The Subcontractor's Construction Contractor Board registration number, if one is required, and c) The subcontract dollar value. If no subcontractors are being used that are subject to the above disclosure requirements, the Bidder is required to indicate "None" on the accompanying form. The form may be submitted with the Bid or may be submitted separately in a separate envelope from the Bid within two hours after the bid opening. The envelope containing the form should be marked "Subcontractor Disclosure Form Submitted for Project PXXXXX" and should also be marked with the name of the Bidder.

5.3 Non-Discrimination

Pursuant to ORS 279A.110, that the bidder has not discriminated and will not discriminate against a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns, or an emerging small business in obtaining any required subcontracts. The bidder understands that it may be disqualified from bidding on this public improvement project if the Agency finds that the bidder has violated subsection (1) of ORS 279A.110. The Bidder certifies that it has a written policy and practice that meets the requirements described in ORS 279A.112 (House Bill 3060, 2017) of preventing sexual harassment, sexual assault and discrimination against employees who are members of a protected class.

5.4 Non-Collusion

The price(s) and amount of this bid have been arrived at independently and without consultation, communication, or agreement with any other contractor, bidder, or potential bidder except as disclosed on

a separately attached statement. Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid has been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before the opening of bids. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid. This bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive bid. The bidder, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted of or found liable for any act, prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract except as described on a separately attached statement. The bidder understands and acknowledges that the above representations are material and important and will be relied on by the Agency, in awarding the contract(s) for which this bid is submitted. The bidder understands that any misstatement in this certification is and shall be treated as fraudulent concealment from the Agency, of the true facts relating to the submission of bids for this contract.

5.5 Compliance With Oregon Tax Laws:

By signature on this bid, the undersigned hereby certifies under penalty of perjury that the undersigned is authorized to act on behalf of bidder, that the undersigned has authority and knowledge regarding bidder's payment of taxes, and that bidder is, to the best of the undersigned's knowledge, not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 (Amusement Device Taxes), ORS 403.200 to 403.250 (Tax For Emergency Communications), and ORS Chapters 118 (Inheritance Tax), 314 (Income Tax), 316 (Personal Income Tax), 317 (Corporation Excise Tax), 318 (Corporation Income Tax), 321 (Timber And Forestland Tax), and 323 (Cigarettes And Tobacco Products Tax), and any local taxes administered by the Department of Revenue under ORS 305.620.

5.6 Withdrawal, Modification, or Alteration of Bid

A Bid may be withdrawn on written or telegraphic request of the Bidder prior to the scheduled closing time for filing Bids. No Bidder may withdraw its Bid or any portion thereof after the time set for the opening of Bids until a Contract has been awarded and executed or until sixty (60) days have elapsed since the Bid opening. Negligence on the part of the Bidder in preparing its Bid confers no right to withdraw its Bid after the scheduled closing time for filing Bids.

Prior to the scheduled closing time for filing Bids, changes may be made provided the changes are initialed by the Bidder or its Agent. If the intent of the Bidder is not clearly identifiable, the interpretation most advantageous to the City will prevail.

5.7 Late Bids

Bids received after the scheduled closing time for filing Bids as set forth in the Invitation to Bidders will be rejected and returned unopened to the Bidder unless such closing time is extended by the City.

5.8 References

In order to comply with the requirements of ORS279C.375 regarding the determination of bidder responsibility, completion of the *Financial Responsibility Form* included in the Invitation to Bid documents must be completed in full. The City will use the information provided to ascertain the financial responsibility of the bidder as it pertains to the specific criteria to be considered prior to award of a public works contract.

The City reserves the right to investigate the references, financial capacity, credit history and past

performance of any Bidder, including service(s) provided to City of Springfield, with respect to their successful performance on other projects; compliance with specifications and contractual obligations; expertise regarding the completion and submission of Certified Payroll Reports; completion or delivery of a project on schedule and within budget; and its lawful payment of suppliers, subcontractors and workers. The City reserves the right to use any information or reference that may be discovered in evaluating any bid. The City reserves the right to find a bid to be nonresponsive for failure or refusal of bidder to provide all information in a timely manner, as requested. The city may postpone issuance of a Notice of Intent to Award in order to complete its investigation. The City reserves the right to reject any bid at any time prior to the City's execution of a Contract in the event reference checks prove unsatisfactory. The City's investigation may include Bidder's previous business entities of the principals involved. If more than one Bidder is involved the City may investigate each entity. In the event that the city requests information from the Bidder the completeness of the information submitted, its veracity and the extent to which it has been independently verified will impact the City's decision.

5.9 Bid Ownership

All material submitted by the Contractor shall be considered the property of the City, and as such, shall not be returned to the Contractor after the deadline for submission of the Bid in question has passed. After opening, all bids will become part of the public record unless exempt under Oregon Public Records Law, see ORS 192.501, ORS 192.502 and ORS 279C.340.

5.10 Rejection of Bids

The City reserves the right to reject any or all Bids in whole, or in part, or to waive irregularities not affecting substantial rights.

General or evasive replies will be considered grounds for rejection of the Bid as incomplete. The successful Bidder may be required to appear before the City Council and submit satisfactory evidence that he or she has the necessary capital and is qualified and prepared to prosecute the work to the full satisfaction of the Engineer.

The City also reserves the right to reject any Bid which is 10 percent greater or 20 percent less than the Engineer's estimate or any Bid which contains item bids which vary more than 30 percent plus or minus from the Engineer's item bid estimate.

6. Payments by Contractor

6.1 Wages

It is agreed that if this project qualifies under Oregon law as a prevailing wage rate public works project, each worker in each trade or occupation employed in the performance of this Contract either by the Contractor, Subcontractor or other person doing or contracting to do or contracting for the whole or any part of the work on the Contract, must be paid not less than the applicable prevailing wage rate. If this project contains both federal and state funds, the hourly wages shall be not less than the higher of the state or the federal amount of the prevailing rate of wage. Prevailing wage rate payments include fringe benefits, for each trade or occupation in the locality where such labor or work is performed, as determined by the commissioner, in which the workers are employed. The existing rate of wage is the rate, in effect at the time the initial specifications were first advertised for bid solicitations as determined by the Commissioner of the Bureau of Labor and Industries under ORS279C.815.

If any dispute arises as to what is the prevailing rate of wage for the same trade or occupation in the locality and if that dispute cannot be settled by the parties involved, the dispute may be referred to the Commissioner of the Bureau of Labor and Industries, who shall then determine the prevailing rate of wage for the same trade or occupation in the locality.

It shall be the responsibility of the Contractor and any Subcontractor to post the prevailing wage rates on

the job site in a conspicuous place which is accessible to employees and must remain posted for the duration of the job.

6.2 Certification

No Bid will be received or considered by the City unless the Bid contains a statement by the Bidder as part of the Bid that the Bidder shall comply with provisions regarding prevailing rates of wages required by ORS 279C.840.

PREVAILING WAGE RATE INFORMATION

Prevailing Wage Rates information can be found at the following website:

[BOLI : Prevailing Wage Rates : For Employers : State of Oregon](#)

For the proper Prevailing Wage Rates applicable to this project, please refer to the following publications:

- 1) *Prevailing Wage Rate Publication; Prevailing Wage Rates for Public Works Contracts in Oregon, effective **April 5th, 2024.***
 - a. *Apprentice Rates updated, April 5th, 2024; [Rate Information Tracker.xlsxm \(oregon.gov\)](#)*

Effective January 1, 2023, Senate Bill 588 removes the exemption of sick time for employees covered by a collective bargaining agreement. You can find a list of frequently-asked-questions at BOLI's website:

<https://www.oregon.gov/boli/employers/Documents/FAQ%20for%20SB%20588.pdf>. For any questions regarding sick time, please contact BOLI's Employer Assistance Program at 971-361-8400 or employer.assistance@boli.oregon.gov.

If you have prevailing wage rate questions, please contact the Wage and Hour Division's Prevailing WageRate Unit at 971-245-3844, Option 2, or PWR.Email@boli.oregon.gov.


CITY OF SPRINGFIELD DEVELOPMENT & PUBLIC WORKS

SPECIAL PROVISIONS

FOR

Paving, ADA Curb Ramps, Signal Modifications and Pavement Marking
42nd Street Overlay - IP to Marcola Road
42nd Street
Lane County

PROFESSIONAL OF RECORD CERTIFICATION:

 <p>EXPIRES: 06/30/24</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for temporary features, roadwork, drainage, bases, wearing surfaces and right of way development. Modified Special Provisions were prepared by me or under my supervision.</p> <p>Sections 00220, 00221, 00222, 00223, 00224, 00225, 00228, 00280, 00294, 00305, 00310, 00320, 00330, 00350, 00440, 00490, 00620, 00640, 00730, 00744, 00748, 00759, 01030 and 01040.</p>
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FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST


CITY OF SPRINGFIELD DEVELOPMENT & PUBLIC WORKS

SPECIAL PROVISIONS

FOR

Paving, ADA Curb Ramps, Signal Modifications and Pavement Marking
42nd Street Overlay - IP to Marcola Road
42nd Street
Lane County

PROFESSIONAL OF RECORD CERTIFICATION:

 <p>EXPIRES: 12/31/ 2024</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for permanent traffic control. Modified Special Provisions were prepared by me or under my supervision.</p> <p>Sections 00850, 00855, 00865, 00867, 00905, 00920, 00930, 00940, 00960, 00990 and 02910.</p>
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FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.02(a) General Requirements - Add the following bullets to the end of the bullet list:

- When performing trench excavation or other excavation across or adjacent to a Traffic Lane on a Roadway having a pre-construction posted speed greater than 35 mph, backfill the excavation, install Surfacing, and open the Roadway to traffic by the end of each work shift. Install a "BUMP" (W8-1-48) sign approximately 100 feet before the backfilled area and a "ROUGH ROAD" (W8-8-48) sign approximately 500 feet ahead of the "BUMP" sign. If this requirement is not met, maintain all necessary lane or shoulder closures and provide additional TCM, including flagging, at no additional cost to the Agency. Do not use temporary steel plating to reopen the Roadway.
- When flagging operations may extend traffic queues onto the railroad crossing, protect traffic by providing an additional flagger. Position additional flagger signs according to the "Advance Flagger for Extended Traffic Queues" configuration shown on the Standard Drawings. Do not allow traffic to stop on the railroad crossing.
- Protect pedestrians in pole base excavation areas by placing approved covers over all pole base excavations. Place a minimum of two B(II)LR barricades adjacent to and on either side of the excavated area, facing pedestrian traffic, or place covers and barricades as directed.

Add the following subsection:

00220.03(c) Public Notice - Communicate with all properties adjacent to the work a minimum of 5 days before work begins. In addition, provide approved written notices to all residents and businesses that will have their access disrupted by construction a minimum of 72 hours before the disruption is scheduled to occur. Coordinate work activities with International Paper, Springfield School District, Eugene-Springfield Fire and Springfield Police. Provide documentation of the required communication to the Agency. A draft version of the document the Contractor intends to utilize for the required notifications shall be provided for City review and approval at the pre-construction meeting.

- International Paper: Justin Price, 541-554-6621

00220.40(e)(1) Closed Lanes - Replace this subsection, except for the subsection number and title, with the following:

Traffic Lanes may be closed on North 42nd Street when allowed, shown, or directed during the following periods of time except as specified in 00220.40(e)(2):

Single Lane Closures - One Traffic Lane on North 42nd Street may be closed during the following times:

- Nightly, Sunday night through Friday morning, between 8:00 p.m. and 5:30 a.m.

One Traffic Lane may be closed on all other adjacent Roadways within the Project Site not listed above, when allowed, shown, or directed during the following periods of time except as specified in 00220.40(e)(2):

- Nightly, Sunday night through Friday morning, between 8:00 p.m. and 5:30 a.m.

SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

Comply with Section 00221 of the Standard Specifications modified as follows:

00221.06 Traffic Control Plan - Replace this subsection with the following subsection:

00221.06 Traffic Control Plan and Tourist-Oriented Directional and Business Logo Signs –

(a) Traffic Control Plan - Submit one of the following, 5 Calendar Days before the preconstruction conference:

(1) Agency Traffic Control Plan - If the Contractor intends to use the Agency TCP without modification, a written notification indicating that the Agency TCP will be used without modification.

(2) Contractor-Modified Traffic Control Plan - The Contractor may request to use a Contractor-modified Agency TCP, or a TCP developed by the Contractor. Do not use a modified TCP, or a TCP developed by the Contractor, unless approved by the Engineer. Use the Agency TCP unless a modified TCP, or a TCP developed by the Contractor is accepted.

The Engineer is not obligated to consider any modified Agency TCP or a TCP developed by the Contractor. The Agency will not be liable to the Contractor for failure to accept or act upon any request for a modified Agency TCP or a TCP developed by the Contractor.

To conserve time and funds, the Contractor may first submit a written request for a preliminary review by the Engineer. The request should contain a description of the proposal together with a rough estimate of anticipated dollar and time impacts. The Engineer will, within a reasonable time, respond to the Contractor in writing whether or not the request would be considered by the Agency.

If requesting a Contractor-modified Agency TCP, or a TCP developed by the Contractor, at a minimum the request shall meet all requirements of the Contract documents and comply with the Project transportation management plan (TMP). Provide the following information:

Stamped Working Drawings according to 00150.35 that include the proposed TCP showing all TCM and quantities of TCD.

A TPAR plan that includes:

- Details and features used to provide pedestrian accessibility.
- Pedestrian staging Plans at a scale no smaller than 1 inch = 50 feet.
- Temporary alternate facilities or detour routes for pedestrian traffic.
- Staging sequences and details for Work affecting vehicular, pedestrian, and bicycle traffic.
- Proposed order and duration of the TCM.
- A detailed temporary striping plan.

If the Contractor's request to use a Contractor-modified Agency TCP, or a TCP developed by the Contractor is approved in whole or in part, acceptance will be made by a Change Order.

The Engineer will establish prices that represent a fair measure of the value of Work to be added, changed, or deleted as a result of any accepted modifications to the Agency TCP or an accepted TCP developed by the Contractor.

Once a TCP has been accepted by the Engineer, any additional modifications must be submitted by the Contractor for Agency review following the procedure described above. The Engineer is not obligated to consider additional modifications to a previously approved TCP.

(b) Tourist-Oriented Directional and Business Logo Signs - Submit one of the following for approval, at least 5 Calendar Days before the preconstruction conference:

(1) No Signs - If there are no tourist-oriented directional (TOD) or business logo signs on the Project, a written notification that no TOD or business logo signs exist within the Project limits or

(2) Signs - Submit one copy of a sketch map of the Project showing all existing TOD and business logo signs and a written narrative describing how these signs will be kept in service and protected throughout all the construction stages. If modifications are necessary, submit updated information to the Engineer for approval at least 21 Calendar Days before the change is needed.

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

Comply with Section 00222 of the Standard Specifications modified as follows:

00222.40(e) Temporary Sign Placement - Add the following to the end of the bullet list:

- At least ten Calendar Days before closing a pedestrian pathway, place a "SIDEWALK CLOSED, Full Time" (CW11-4) sign in advance of each future closure point. Locate the sign so it is legible from the nearest alternate pedestrian pathway facing incoming pedestrian traffic. The sign may be mounted between the panels of a Type II barricade or on a single-post TSS. Do not place the sign or sign support such that it narrows the pedestrian pathway to a width of less than 4 feet.
- Before opening the TPAR, place TPAR signing and other TCM as shown, or as directed. Maintain the "SIDEWALK CLOSED, Full Time" (CW11-4) signs while the TPAR is open to pedestrian traffic.
- At least ten Calendar Days prior to the start of work, place a "SIDEWALK OPEN" (CW11-3) sign in advance of each end of the Work Area. Locate the sign so it is legible from the nearest alternate pedestrian pathway facing incoming pedestrian traffic. The sign may be mounted between the panels of a Type II barricade, or on a single-post TSS. Do not place the sign or support such that it narrows the pedestrian pathway to a width less than 4 feet.
- Before starting work, place pedestrian-specific TCM as shown in the TCP, or as directed. Maintain "SIDEWALK OPEN" (CW11-3) signs while work is affecting the pedestrian pathway.
- Place a "PEDESTRIANS ON ROADWAY" (CW11-2) sign at the beginning of each end of the Work Area, facing incoming traffic as shown, or as directed.
- Install "ROAD WORK AHEAD" (W20-1-48) signs according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans.
- Install beyond each end of the Project, facing outgoing traffic, an "END ROAD WORK" (CG20-2A-24) sign a distance of $(A \div 2)$ according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans.
- Install two sign flag boards, as shown on the Standard Drawings, above the following detour and road closed advance warning signs, where applicable:
 - "DETOUR AHEAD", "DETOUR XXXX FT", "DETOUR X/X MILE" (W20-2) signs.
 - "ROAD CLOSED AHEAD", "ROAD CLOSED XXXX FT", "ROAD CLOSED X/X MILE" (W20-3) signs.
- When construction requires bicycles to use the Traffic Lanes, install a "Bicycle ON ROADWAY" (CW11-1) symbol sign on 1/2 mile spacing through the affected area. Keep the signs in place until completion of the Shoulder or bikeway final surface.

00222.45(b) Portable Changeable Message Signs - Add the following bullets to the end of this subsection:

- At least seven Calendar Days before the OR126 Connector No. 1 & 2 closure, place one or more PCMS displaying the following messages as shown, or as directed:

Panel 1	Panel 2
42ND ST	(DATE)
EXIT	TO
CLOSED	(DATE)

Panel 1
OR126
EAST
CLOSED

Panel 2
(DATE)
TO
(DATE)

- At least seven Calendar Days before the OR126 Connector. No. 3 & 4 closure, place one or more PCMS displaying the following messages as shown, or as directed:

Panel 1
42ND ST
EXIT
CLOSED

Panel 2
(DATE)
TO
(DATE)

Panel 1
OR126
WEST
CLOSED

Panel 2
(DATE)
TO
(DATE)

SECTION 00223 – WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

Comply with Section 00223 of the Standard Specifications modified as follows:

Add the following subsection:

00223.35 Railroad Flagger Services - Work near or within Railroad property requires Railroad flagger services provided by a third party flagging vendor. Provide Railroad flagger services from Union Pacific's approved third party list of Railroad flagger vendors. A list of Union Pacific's approved Railroad flagger vendors can be found at the following website:

https://www.up.com/real_estate/third-party-flagging/index.htm

Add the following subsection:

00223.80(a)(4) Railroad Flagger Services - The quantity of Railroad flagger services will be measured on the unit basis. A unit will be considered to be up to 12 consecutive hours in a Day. When more than one flagger is required due to Work at separate locations, each Railroad flagger will be measured as a separate unit. A maximum of two units per Day will be allowed at each separate location or operation where Railroad flagger services are required by the Railroad unless otherwise approved or directed.

00223.90 Payment - Add the following Pay Item(s) to the Pay Items list:

(g) Railroad Flagger Services..... Each

Payment for item (g) performed beyond the quantity shown in the Contract Schedule of Items will be made at the Contract unit price if the Engineer determines that the Contract unit price does not exceed the value of the Work as determined according to Section 00197. If the Engineer determines that the Contract unit price exceeds the value of the Work, payment for the Additional Work will be made according to 00195.20.

Payment for item (g) includes all Equipment, labor, and Incidentals necessary to complete the Work as specified.

SECTION 00224 - TEMPORARY TRAFFIC CHANNELIZING DEVICES

Comply with Section 00224 of the Standard Specifications.

SECTION 00225 - TEMPORARY PAVEMENT MARKINGS

Comply with Section 00225 of the Standard Specifications modified as follows:

00225.40 Temporary Pavement Markers - Replace the paragraph that begins "Unless otherwise shown..." and the three bullets with the following paragraphs and bullets:

Install temporary flexible overlay pavement markers for temporary centerline marking as follows:

- Place and maintain one temporary flexible overlay pavement marker on 40 foot spacing in tangent and curve sections except as below.
- Place and maintain one temporary flexible overlay pavement marker on 20 foot spacing in curved alignment sections identified by a speed rider displaying less than the posted speed and channelization areas.

Establish alignment for placing the temporary flexible overlay pavement markers as follows:

- Control markers at:
 - 200 foot intervals on tangents
 - 50 foot intervals on curves
 - 40 foot intervals on curves with speed rider
- Use string line or other appropriate means to maintain proper alignment of the markers. Adjust placement to avoid straddling a longitudinal joint, while maintaining a suitable alignment of markers.
- Remove and replace misaligned markers at no additional cost to the Agency.

SECTION 00228 - TEMPORARY PEDESTRIAN AND BICYCLIST ROUTING

Comply with Section 00228 of the Standard Specifications.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications modified as follows:

00280.00 Scope - Replace the paragraph that begins "This Work also consists of providing temporary ..." with the following paragraph:

This Work also consists of providing temporary erosion and sediment control (ESC) measures and furnishing, installing, moving, operating, maintaining, inspecting, and removing ESC throughout the Project area according to the Standard Drawings, the erosion and sediment control plan (ESCP), the Specifications, or as directed, until the site is permanently stabilized. Included also is the monitoring of weather, of stormwater and receiving waters, the reporting of monitoring observations, the reporting of corrective actions (when necessary) and the updates and revisions of the ESCP, including ESCP cover sheet, necessary to keep it representative of current site conditions and compliant with the 1200-CA permit if applicable.

Delete the paragraph that begins "When contaminants, pollutants or hazardous materials..."

Add the following paragraph to the end of this subsection:

The Agency's NPDES 1200-CA permit is applicable to the Project.

00280.04 Erosion and Sediment Control Plan on Agency Controlled Lands - Replace the bullet that begins "Information required under 1200-CA..." with the following bullet:

- Information required under 1200-CA permit, if applicable.

Add the following paragraphs to the end of this subsection:

Fill in required information listed on the ESCP cover sheet prior to beginning of construction and submit revised cover sheet to Engineer 10 Days before the preconstruction meeting. Monitor weather, stormwater runoff, and receiving waters, and document monitoring observations. Immediately upon discovery, notify Engineer if a 1200-CA permit non-compliance occurs. Provide updates and revisions of the ESCP, including ESCP cover sheet, necessary to keep it representative of current site conditions and compliant with the 1200-CA permit.

When contaminants, pollutants or hazardous materials are discovered in the Project location in soils or groundwater comply with 00290.20(f) and, provide an environmental management plan (EMP) as required by the 1200-CA permit if applicable.

00280.15(f)(1) Filter Sock Material - Add the following sentence to the end of this subsection:

Furnish filter sock Material with a diameter of 12 inches.

00280.16(k) Active Treatment System - Add the following sentence to the end of this subsection:

Obtain approval of the active treatment system from DEQ prior to use.

00280.30 Erosion and Sediment Control Manager - Add the following bullet to the beginning of the bullet list under "The ESCM duties include:"

- Be present at the Project Site during all ground disturbing activities.

Replace the bullet that begins "Monitor rainfall, snow melt and runoff ..." with the following bullet:

- Visually monitor rainfall, snow melt and runoff at the Project Site.

Replace the bullet that begins "Monitor water quality in receiving streams in ..." with the following bullet:

- Visually monitor water quality in receiving streams in the vicinity of the Project Site.

Replace the bullet that begins "Monitor water in sediment traps receiving ..." with the following bullet:

- Monitor the pH of the water in sediment traps receiving runoff from soils amended with cementitious material for acidity or alkalinity.

Add the following bullet to the end of the bullet list:

- Monitor locations identified in Section 00294 for compliance.

00280.41(f) Hauling Material - Replace this subsection, except for the subsection number and title, with the following:

Cover loads carrying soil or sediment which may generate dust. Haul saturated loads in water tight beds or drain saturated loads prior to leaving the Project Site.

00280.41(g) Underground Injection Controls (UIC) - Replace this subsection, except for the subsection number and title, with the following:

Do not allow storm water from work area to enter Underground Injection Control (UIC) inlets, UIC catch basins or UIC wells.

00280.48 Emergency Materials - Add the following paragraphs after the paragraph that begins "Provide, stockpile, and protect...":

Provide and stockpile the following emergency Materials on the Project site:

Item	Quantity
Sediment Barrier, Type 8	125 feet
Inlet Protection, Type 10	1 each

When emergency materials are used, restock emergency materials within 48 hours of use.

00280.62 Inspecting and Monitoring - Delete the paragraph that begins “Inspect the Project Site...”.

00280.62(a) Inspection - Replace the paragraph that begins "Perform site inspection, complete..." with the following paragraph:

Inspect the Project Site and all ESC devices for Effective Function and potential erosion or sediment movement and complete all applicable parts of the ODOT Erosion Control Monitoring Form, and submit the form to the Agency as follows:

00280.62(b) Rainfall - Add the following to the end of this subsection:

The closest on-line rain gauge is located at:
forecast.weather.gov/MapClick.php?lat=44.0575&lon=-122.9678&unit=0&lg=english&FcstType=graphical

00280.64(a) Corrective Action Timelines - Delete the bullet that begins “If completion of corrective action is not feasible...”

Delete the bullet that begins “Provide a schedule for clean-up and corrective actions...”

Delete the bullet that begins “Provide all corrective action documentation and photographs...”

00280.64(b) Corrective Action Documentation - Add the following bullets to the beginning of the bullet list:

- If completion of corrective action is not feasible within 24 hours, document the reasons why the time line cannot be met.
- Provide a schedule for clean-up and corrective actions that restores Effective Functioning as soon as feasible. If schedule cannot be met document the reasons for the delay.
- Provide all corrective action documentation and photographs to Agency within 24 hours of completion of corrective actions.

SECTION 00290 - ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications modified as follows:

00290.20(c)(2) Clean Fill - Add the following paragraph to the end of this subsection:

Manage all excavated soil that does not meet the definition of clean fill according to Section 00294.

Add the following subsection:

00290.30(a)(7) Water Quality:

- Do not discharge contaminated or sediment-laden water, including drilling fluids and waste, or water contained within a work area isolation, directly into any waters of the State or U.S. until it has been satisfactorily treated (using a best management practice such as a filter, settlement pond, bio-bag, dirt-bag, or pumping to a vegetated upland location).
- Do not use permanent stormwater quality treatment facilities to treat construction runoff unless prescribed by an ESCP approved under Section 00280.
- If construction discharge water is released using an outfall or diffuser port, do not exceed velocities more than 4 feet per second, and do not exceed an aperture size of 1 inch.
- Do not use explosives under water.
- Implement containment measures adequate to prevent pollutants or construction and demolition materials, such as waste spoils, fuel or petroleum products, concrete cure water, silt, welding slag and grindings, concrete sawcutting by-products and sandblasting abrasives, from entering waters of the State or U.S.
- Implement containment measures adequate to prevent flowing stream water from coming into contact with concrete or grout within the first 24 hours after placement.
- Do not end-dump riprap into the waters of the State or U.S. Place riprap from above the ordinary high water line.
- Cease Project operations under high flow conditions that may result in inundation of the Project area, except for efforts to avoid or minimize resource damage.
- The Engineer retains the authority to temporarily halt or modify the Work in case of excessive turbidity or damage to natural resources.
- If Work activities violate permit conditions or any requirement of this subsection, stop all in-water work activities and notify the Engineer.
- Do not cause a visible sediment plume in waters of the State or U.S.

SECTION 00294 - CONTAMINATED MEDIA

Section 00294, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00294.00 Scope - In addition to the requirements of Section 00290 and the Specifications, this Work consists of the following:

- Excavate, segregate, stockpile, transport, and dispose of Contaminated Soils and contaminated grubbing materials, as defined by 00294.01, from the following locations:

Contaminated Soil Location Table 00294-1

From Location/Station to Location/Station	Depth below grade (feet)	Approximate Quantity (cy)	Suspected Contaminants
"N" 549+50 to "N" 551+20 Lt from edge of pavement to catch line (sl. 1:4)	0 -1.5'	48	Lead and benzo(a)pyrene
Approximate Total Quantity		49 cy	
Quantity to be reused on Project		0 cy	
Quantity to be disposed at landfill		94 tons	

- In areas where excavation is not required, leave contaminated Material and clearing and grubbing Material in place.
- Prepare a written lead compliance plan for work within contaminated areas of the Project.

00294.01 Definitions:

Contaminated Soil - Soil that does not meet the DEQ definition of "Clean Fill", as defined by OAR 340-093-0030(18). This Contaminated Soil is a regulated waste, subject to OAR 340-093-0005 through OAR 340-093-0290. If the grubbing Material has been determined to be contaminated, it will be considered and treated as Contaminated Soil for the purposes of this Section.

Shoulder Soil - Soil outside of the existing Highway Pavement and within Highway Right-of-Way generated during Highway maintenance or construction activities. This definition applies to excess Soil generated to a maximum depth of 1.5 feet below ground surface. This definition does not apply to Soil that is covered by existing impervious surfaces, including but not limited to curbs, sidewalks and parking lots constructed of asphalt or concrete.

00294.02 Testing of Contaminated Soil and Groundwater - When additional testing of Contaminated Soil or groundwater is required to characterize the Material for reuse, recycle, or disposal, conduct the tests according to 00290.20(c).

Use analytical methods meeting DEQ's Clean Fill Guidance Screening Levels for each analyte. Contaminated Soil and groundwater sampling must be conducted by an Oregon Registered Geologist or Professional Engineer who has experience characterizing contaminated media.

00294.03 Submittals - Submit the following documents:

- A Project-specific written lead compliance plan, meeting the project applicable requirements of 29 CFR 1926.62(e)(2), at least 10 Calendar Days before the pre-construction conference. When applicable, include compliance procedures for cadmium and chromium VI, according to 29 CFR 1926.1127 and 29 CFR 1926.1126.
- Modifications to the written lead compliance plan that are requested by the Engineer within 7 Calendar Days of the request.
- Current employee training certificates and medical surveillance information before beginning Work within the contaminated areas.

Submit the following documents within 48 hours of removal of contaminated media:

- Permits, permit applications, and documentation of compliance.
- All reuse, recycled, and disposal receipts.
- Final quantities of Soil reused, recycled, and disposed and their final location.
- All analytical test results.

Labor

00294.30 Personnel Qualifications - Provide employees meeting the following requirements:

- For removal of Contaminated Soil, provide employees trained in:
 - Lead awareness according to 29 CFR 1926.62(l).
 - Chromium according to 29 CFR 1926.1126(j)(2).
 - Cadmium according to 29 CFR 1926.1127(m)(4).

Construction

00294.40 Contaminated Soil Excavation - Excavate and handle Contaminated Soil from Project excavations according to the following:

- Notify the Engineer 3 Calendar Days before beginning excavation activities within contaminated areas.
- Allow the Agency to collect Soil samples during excavation activities.
- Load Contaminated Soil directly into trucks and transport directly to the recycling or disposal facility, or, when approved by the Engineer, temporarily store Contaminated Soil on-site.
- Remove contaminated media from the exterior of all vehicles before they leave the Project Site
- Cover trucks transporting contaminated Materials to prevent spillage during transit to the disposal facility according to OAR 340-093-0220.
- Where over excavation is required, backfill the excavation according to 00330.42.

00294.41 Contaminated Soil Management - Recycle or dispose of Contaminated Soil according to any of the following:

(a) Landfill Disposal:

- Obtain the Engineer's approval of the disposal facility before disposing of the Contaminated Soil.
- Transport the Contaminated Soil to a DEQ permitted municipal solid waste landfill or a permitted construction and demolition landfill for disposal. Dispose of temporarily stored Contaminated Soils within 30 Days of beginning excavation work or before Second Notification, whichever occurs first.
- Complete and sign all manifests and bill-of-lading forms for handling, loading, transporting, and disposing of the Contaminated Soil.
- Pay all filing and permit fees.

Measurement

00294.80 Measurement - Work performed under this Section will be measured according to the following:

No measurement of quantities will be made for the following:

- Lead compliance plan.

The quantities of Contaminated Soil disposed will be measured on the weight basis, based on weigh tickets from the recycling or disposal facility.

Clearing and grubbing will be measured according to 00320.80.

Payment

00294.90 Payment - The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

Pay Item	Unit of Measurement
(b) Lead Compliance Plan.....	Lump Sum
(e) Contaminated Soil Disposal.....	Ton

Item (e) includes all costs involved with the disposal of Contaminated Soil at a recycling or disposal facility.

No separate or additional payment will be made for the excavation of Contaminated Soil or contaminated Shoulder Soil. Payment will be included in payment made for the appropriate items under which the excavation of Contaminated Soils or contaminated Shoulder Soil is required.

Clearing and grubbing will be paid for according to 00320.90.

Payment will be payment in full for removing and disposing of all Materials, and for furnishing all Equipment, labor, Plans, test results, and Incidentals necessary to complete the Work as specified.

SECTION 00305 - CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications modified as follows:

00305.00 Scope - Add the following to the end of this subsection:

In addition to the requirements of the ODOT *Construction Surveying Manual for Contractors*, establish Engineering Stationing at 100 foot intervals for the length of the project along the Shoulder of the Highway. Maintain the stationing so it is visible throughout construction of the project.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications modified as follows:

00310.92 Separate Item Basis - Add the following Pay Item to the Pay Item list:

- (i) Removal of Surfacing for Curb Ramp Construction..... Square Yard

Add the following to the end of this subsection:

Item (i) includes all removal of curb ramp, walk, curb, driveway, Pavement, existing aggregate base and other material to proposed subgrade, and other Work associated with curb ramp construction, including but not limited to walk and driveway construction between or beyond curb ramps and PCC and Asphalt sawcutting.

SECTION 00320 - CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications modified as follows:

00320.40(c) Tree and Vegetation Trimming - Replace the bullet that begins "Trim branches obstructing sight..." with the following bullet:

- Trim and remove branches, vegetation, or other materials obstructing sight distance at intersections or impairing visibility of signs, signals, illumination, and other TCD.

SECTION 00330 - EARTHWORK

Comply with Section 00330 of the Standard Specifications modified as follows:

00330.03 Basis of Performance - Add the following paragraph to the end of this subsection:

Perform all earthwork under this Section on the embankment basis.

SECTION 00350 - GEOSYNTHETIC INSTALLATION

Comply with Section 00350 of the Standard Specifications.

SECTION 00440 - COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications modified as follows:

00440.12 Properties of Commercial Grade Concrete - Replace the bullet that begins "Compressive Strength - ASTV..." with the following bullets:

- **Compressive Strength**
 - For sidewalks and ADA ramps, ASTV minimum of 3,450 psi at 28 days.
 - For curbs and gutters, ASTV minimum of 4,025 psi at 28 days.
 - For driveways, ASTV minimum of 4,025 psi at 28 days.
 - For pavement, ASTV minimum of 4,600 psi at 28 days.

SECTION 00490 - WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of the Standard Specifications.

SECTION 00620 - COLD PLANE PAVEMENT REMOVAL

Comply with Section 00620 of the Standard Specifications modified as follows:

00620.43 Maintenance Under Traffic - Replace this subsection, except for the subsection number and title, with the following:

Traffic is not allowed on the cold planed surface. Before opening the area to traffic, pave the surface according to 00744.51.

SECTION 00640 - AGGREGATE BASE AND SHOULDERS

Comply with Section 00640 of the Standard Specifications.

SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

Comply with Section 00730 of the Standard Specifications.

SECTION 00744 - ASPHALT CONCRETE PAVEMENT

Comply with Section 00744 of the Standard Specifications modified as follows:

00744.11(a) Asphalt Cement - Add the following to the end of this subsection:

Provide PG64-22 grade asphalt cement for this Project.

00744.11(b) Asphalt Cement Additives - Add the following bullet to the end of the bullet list:

- Fiber reinforcement according to the manufacturer's recommendation:

FORTA-FI fiber reinforcement, HMA blend

Manufacturer:

FORTA Corporation

100 N. Forta Drive

Grove City, PA 16127

(800) 245-0306

www.forta-fi.com

Technical Contact:

Mike Hass

Pacific Geosource

10779 SW Manhasset Dr

Tualatin, OR 97062

(503) 214-0376

mhass@pacificgeosource.com

00744.13 Job Mix Formula Requirements - Add the following paragraph to the end of the subsection:

When fiber reinforced ACP is used, design asphalt mix without fiber and do not alter the final mix design for the addition of fiber at the plant.

Add the following subsection:

00744.15 Fiber Storage, Mixing and Mix Production - Store, mix and produce the fiber reinforced ACP mixture in accordance with the following requirements:

- (1) Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number.

- (2) Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer.
- (3) Store materials covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to become wet.
- (4) Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt. Non-aramid fiber blends, aramid fiber blends with dosages less than 1 pound per ton, or fiber ton equivalents will not be accepted.
- (5) Have a fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project.
- (6) Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture. 7. Drum Plant: a. Inject fibers through the RAP collar manually or by feeding them with a metered air blown system to promote rapid and complete fiber dispersion. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber bundles at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time. b. Add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.
- (7) Drum Plant:
 - a. Inject fibers through the RAP collar manually or by feeding them with a metered air blown system to promote rapid and complete fiber dispersion. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber bundles at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time.
 - b. Add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the air blown system:

- Low level indicators
- No-flow indicators
- A printout of feed rate status in pounds/minute
- A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
- Manufacturer's representative's approval of fiber addition system

00744.16 Sampling and Testing - Add the following to the end of this subsection:

(a) Fiber Reinforcement - Evaluate fiber mix dispersion visually according to the following:

- (1) **Aramid Dispersion Visual Test:** Collect a 10kg sample of mix from the discharge chute during first 50 tons of production. Visually assess the state of aramid fibers in the sample as "Pass" or "Fail" as described below.

"Pass" = All fibers exist in an Individual State and no Undistributed Clips or Agitated Bundles of fiber are detected.

"Fail" = One or more Undistributed Clips or Agitated Bundles are detected.

- (2) If a sample is rated as "Fail", adjust mixing operations to improve fiber dispersion and repeat Step 1 above.
- (3) If Visual Test results in three consecutive "Fail" ratings, contact the fiber manufacturer for corrective measures.
- (4) In addition to Visual Test, use a shovel to inspect FRAC mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber.
- (5) Remove any observed fiber bundles from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber bundle development, and repeat Steps 1 through 3 above to confirm adequate aramid fiber dispersion.

00744.40 Season and Temperature Limitations - Replace this subsection, except for subsection number and title, with the following:

Place ACP when the temperature of the surface that is to be paved is not less than the temperature specified:

Nominal Compacted Thickness of Individual Lifts and Courses as shown on the Typical Section of the Plans	All Levels	Level 1 and Level 2	Level 3	
	Surface Temperature*	All Courses	Travel Lane Wear Course	All Other Courses
		From To Inclusive	From To Inclusive	From To Inclusive
Less than 2 inches	60 °F	All Year**	3/15 to 10/15	All Year**
2 inches - 2 1/2 inches	50 °F	All Year**	3/15 to 10/15	All Year**
Greater than 2 1/2 inches	40 °F	All Year**	3/15 to 10/15	All Year**
Temporary	40 °F	All Year**	All Year**	All Year**

* Do not use field burners or other devices to heat the Pavement surface to the specified minimum temperature.

** If placing ACP between March 15 and September 30, temperature requirement may be lowered 5 °F.

Add the following subsection:

00744.51 Opening Sections to Traffic - Schedule work so that, during the same shift, the surfaces being paved are paved full width and length through the wearing Course before opening to traffic.

00744.90 Payment - Replace this subsection, except for subsection number and title, with the following:

The accepted quantities of ACP incorporated into the Project, whether or not recycled Materials are used, will be paid for at the Contract unit price, per ton, for the item "Level _____, _____ ACP Mixture _____".

The following will be inserted in the blanks:

- The level of ACP (1, 2, 3) will be inserted in the first blank.
- The type of ACP (3/4 inch, 1/2 inch, 3/8 inch), will be inserted in the second blank.
- The words "in Leveling", "in Temporary", "in Leveling and Temporary", or "Fiber Reinforced" will be inserted in the third blank when applicable.

Payment will be payment in full for furnishing and placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

No separate or additional payment will be made for:

- asphalt cement, mineral filler, lime, anti-stripping, fiber reinforcement or other additives
- sawing, cleaning, and filling joints on bridge deck overlays

SECTION 00748 - ASPHALT CONCRETE PAVEMENT REPAIR

Comply with Section 00748 of the Standard Specifications modified as follows:

00748.90 Payment - Replace the paragraph that begins “No separate or additional payment...” with the following paragraph:

No separate or additional payment will be made for excavation, asphalt pavement saw cutting, cold plane pavement removal, geosynthetics, stone embankment, aggregate, or water.

SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications modified as follows:

00759.90 Payment - In the paragraph that begins “No separate or additional payment will be...”, add the following bullet to the bullet list:

- Cutting and capping irrigation lines shown

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

Comply with Section 00850 of the Standard Specifications modified as follows:

00850.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

Furnish the following Materials from the QPL:

- Adhesive for Pavement Markers
- High Performance Pavement Markings
- Methyl Methacrylate
- Pavement Markers
- Reflective Elements*
- Marking Paint
- Marking Tape

* Reflective elements used with materials other than marking paint are not required to be from the QPL. Use reflective elements according to the manufacturer's recommendations.

Use Material not covered above from the following:

- Thermoplastic
 - Type B: Preformed, Fused Thermoplastic Film - Type B, Preformed Fused Thermoplastic Film, "Permaline" with SWARCO beads 3130, by Ennis- Flint, or approved equivalent for all Type B: Preformed, Fused Thermoplastic Film items.
 - Type B-HS: Preformed, Fused Thermoplastic Film High Skid - Type B-HS, Preformed Fused Thermoplastic Film High Skid, Pre-Mark Vizigrip (Non-Slip), 125 mil, by Ennis-Flint or approved equivalent for all Type B-HS: Preformed, Fused Thermoplastic Film High Skid items.

SECTION 00855 - PAVEMENT MARKERS

Comply with Section 00855 of the Standard Specifications.

SECTION 00865 - LONGITUDINAL PAVEMENT MARKINGS - DURABLE

Comply with Section 00865 of the Standard Specifications modified as follows:

00865.00 Scope - Add the following to the end of this subsection:

Contractor shall replace all striping removed or damaged through construction activities.

It is the Contractor's responsibility to verify all existing striping locations prior to construction.

00865.90 Payment - Add the following to the end of this subsection:

No separate or additional payment will be made for stripe, legend or bar removal as required to install permanent pavement markings as shown.

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications modified as follows.

00867.00 Scope - Add the following to the end of this subsection:

Contractor shall replace all striping removed or damaged through construction activities.

It is the Contractor's responsibility to verify all existing striping locations prior to construction.

00867.90 Payment - Add the following to the end of this subsection:

No separate or additional payment will be made for stripe, legend or bar removal as required to install permanent pavement markings as shown.

SECTION 00905 - REMOVAL AND REINSTALLATION OF EXISTING SIGNS

Comply with Section 00905 of the Standard Specifications.

SECTION 00920 - SIGN SUPPORT FOOTINGS

Comply with Section 00920 of the Standard Specifications modified as follows:

00920.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of concrete for minor sign supports are:

Support Type	Quantity
Perforated Steel Square Tube Anchor Sign Supports	0.53 cu. yd.

SECTION 00930 - METAL SIGN SUPPORTS

Comply with Section 00930 of the Standard Specifications modified as follows:

00930.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of structural steel are as follows:

Item	Estimated Quantity (Pound)
Minor Sign Supports	
Perforated Steel Square Tube Anchor Sign Supports	313

SECTION 00940 - SIGNS

Comply with Section 00940 of the Standard Specifications modified as follows:

00940.47 Sign Erecting - Add the following paragraph to the end of this subsection:

Trim and remove branches, vegetation, or other materials obstructing the visibility of signs by Public Traffic, as directed.

00940.90 Payment - Add the following paragraphs to the end of this subsection:

Trimming and removal of branches, vegetation, or other materials will be paid for according to 00320.90.

SECTION 00960 - COMMON PROVISIONS FOR ELECTRICAL SYSTEMS

Comply with Section 00960 of the Standard Specifications modified as follows:

00960.30 Licensed Electricians - Replace this subsection, except for the subsection number and title, with the following:

According to the Oregon Administrative Rule 918-282-0120(1), no person or Entity shall allow any individual to perform electrical work for which the individual is not properly registered or licensed. Every person who installs electrical systems on the Project shall submit a copy of their electrical license or apprentice registration to the Engineer prior to performing any Work. They must be licensed as an S or a J under Oregon Administrative Rule 918-282-0140 or 918-282-0170.

SECTION 00990 - TRAFFIC SIGNALS

Comply with Section 00990 of the Standard Specifications modified as follows:

Add the following subsection:

00990.10 Materials - Furnish backer rod materials meeting the requirements of 02440.14. Furnish hot-melt loop sealant from the QPL.

00990.30 Materials - Add the following to the end of this subsection:

The certified representative shall do the initial set-up for the detection zones and testing of the system and be responsible for the training of contractor and agency personnel.

The video detection supplier shall provide all documentation necessary to maintain and operate the system.

Add the following subsection:

00990.40 Work in Existing Controller Cabinets - Install new field wiring as shown into the existing controller cabinet without terminating.

New control equipment installed as shown in an existing controller cabinet will be tested prior to installation according to 00990.70.

At existing controller cabinets the Agency will be responsible for:

- Storage, delivery, installation, and activation of new control equipment

- Any required modifications to existing control equipment or existing field wiring terminations
- Terminating new field wiring

Prior to the anticipated installation of new control equipment, modification of existing control equipment, or modification of existing field wiring terminations, schedule field testing according to 00990.70(g). Field testing and activation of the new control equipment or modifications will occur within the same work shift. Be present at the Project Site during field testing.

Add the following subsection:

00990.41 Inductive Loop Detectors:

(a) General - Sawcutting will only be allowed below the top paving lift. Do not begin sawcutting until the loop layout has been inspected by the Engineer.

Do not place wire in sawcuts until the cuts have been inspected by the Engineer. Seal all saw cuts with sealant prior to paving the top lift.

(b) Saw Cut and Wire Installation - Sawcut in a manner that is the most practicable, direct line between loops and junction boxes.

Immediately after sawcutting and before the cuttings dry, thoroughly flush each cut with a high-pressure water stream. Before the cuts dry, blow cuts free of water, debris, rock, and grit with compressed air. Slots may also be cleaned by means of a high-pressure water injection/vacuum extraction system. Remove rocks or other material that may be wedged in the cut. Remove and dispose of all cuttings according to 00290.20.

Dry cuts before placing wire.

After the sawcut is cleaned of debris, place the loop wire by pushing it into the slot with a blunt nonmetallic object. Use care to avoid damaging the insulation.

(c) Sealant - Install the sealant in slots according to the manufacturer's instructions. Furnish a copy of the manufacturer's specifications including application procedures. The Engineer may order a test run of any application method or material before filling sawcuts.

In order to prevent heat damage to the insulation, do not allow the temperature of the sealant to exceed 410 °F during application. Install hot-melt sealants in layers to prevent damage to wire insulation. Allow each layer to cool before the next layer is installed. Do not use water to accelerate cooling.

Sealants that crack or pull away from the sawcuts after curing will be rejected.

(d) Resistance and Continuity Testing - The resistance to ground of the loop and loop feeder combinations, shall be 500 MΩ or greater when checked at the following conditions:

- Before splicing and sealing - continuity test
- Before splicing after sealing - resistance test

- After splicing and sealing - resistance test

Furnish a report of the resistance and continuity results for each loop at each testing condition.

Add the following subsection:

00990.42(b) Loop Feeder Cables - When terminating loop feeder cable inside the controller cabinet, do not remove the outside jacket and shield more than 6 inches from the end of the cable. Crimp lugs used for loop wire field terminals may be insulated or non-insulated. Terminate loop feeder shield drain wire to the cabinet input panel grounding bus nearest the feeder wire termination point.

Add the following subsection:

00990.45 Repair Open Holes In Metal Poles, Pedestals, and Mast Arms - Repair holes in metal poles, pedestals, and mast arms caused by removal of equipment using pipe plugs. For holes larger than 1 inch in diameter or of irregular shape, submit method and materials to be used.

00990.70(a) Delivery of Control Equipment - Replace the subsection, except for subsection number and title, with the following:

Provide all traffic control signal Equipment for the Project according to the cabinet print(s), including all associated manuals, diagrams, and other documents.

00990.70(b) Control Equipment Testing - Replace the subsection with the following:

00990.70(b) Control Equipment Testing and Commissioning - The following traffic signal control Equipment will be tested and commissioned by the Contractor, in the presence of the Engineer, for conformance with the Contract Documents before being installed:

- Controller unit
- Controller cabinet
- Power supplies
- Input devices
- Output devices
- Conflict monitors
- Flasher units
- Relays
- Preemption devices
- Auxiliary Equipment in the cabinet
- Other Equipment required for the operation of the installation

The control Equipment will be tested in three categories: physical, functional, and environmental as specified in the Standard Specification for Microcomputer Signal Controller.

For audible pedestrian signals:

The audible sound shall be capable of being programmed with a verbal message or the standard fast-ticking percussive tone. The push buttons for each intersection shall be

supplied by the manufacturer with a pre-programmed verbal message that includes the street name.

Coordinate programming of push buttons in advance of installation with the Agency. Contractor shall fill out manufacturer's custom voice message form and submit to Engineer for approval prior to programming.

Prior to the installation of any audible equipment in the controller cabinet, coordinate the location to be installed with the Agency.

00990.70(d) Control Equipment Failure – Delete the sentence that begins “Pick up rejected traffic signal control Equipment...”

00990.70(e) Control Equipment Acceptance – In the paragraph that begins "The Contractor will be notified when..." delete the sentence that begins "Pick up the controller cabinet...".

00990.70(f) Control Equipment Installation – Delete this subsection.

00990.70(g) Field Testing – Replace the subsection with the following.

00990.70(g) Field Testing and Turn-on

Prior to start of functional testing, the Contractor shall perform the following tests on all traffic signals, sign illuminations, and lighting circuits, in the presence of the Engineer.

(1) Continuity - All field circuits will be tested for continuity, the presence of grounds, and proper routing and termination.

(2) Inductance and Resistance - All inductive loops and loop feeder circuits will be tested for inductance and resistance to ground. The loops will be tested and adjusted to detect motorcycles and bicycles.

An insulation resistance test at 500 volts DC shall be made on each circuit between the circuit and a ground. The insulation resistance shall not be less than 10 megaohms on all circuits except for inductive loop detector circuits which shall have an insulation resistance value of not less than 200 megaohms.

(3) General Quality - The signal installation will be inspected for general quality of work and conformance with all applicable codes and regulations.

A functional test shall be made in which it is demonstrated that each and every part of the system function as specified. The functional test for each new or modified traffic signal, traffic signal system, flashing beacon and ramp metering system shall consist of not less than 7 days of continuous, satisfactory operation.

If unsatisfactory performance of the system develops, the condition shall be corrected, and the test shall be repeated until the 7 days of continuous, satisfactory operation is obtained.

The Contractor will be notified of the test result and shall make any repairs or

corrections required. Upon successful completion of the testing, the signal installation will be approved for turn-on.

The Contractor shall allow 2 weeks from the time of notification that the work is complete for field testing and turn-on of the installation.

The Contractor shall be present at the project site to assist as necessary to turn-on the signal installation.

After traffic signals are turned on and operating as designed, the agency ultimately responsible for maintenance will assume operation and maintenance of the signal. Turn-on does not constitute final approval. The Contractor is still obligated to finish any incomplete portion of the installation and correct problems with workmanship or replace material that does not meet Specifications. After turn-on, damage to the traffic signal installation caused by conditions beyond the Contractor's control will be the responsibility of the maintaining agency.

Coordinate the date and time date and time that the installation is to be turned on with Engineer. The initial turn-on shall be made between 9:00 a.m. and 2:00 p.m. Turn-ons shall be conducted Mondays through Thursdays.

Within 2 weeks of signal turn-on, provide all traffic control equipment final testing results, operational settings, passwords, and other documents required for Agency operation and maintenance.

00990.70(h) Traffic Signal Turn-on - Delete this subsection.

00990.75 Warranty - Add this subsection.

All items installed under this contract are subject to the standard one-year warranty from the date of acceptance of the project as listed in the contract documents.

SECTION 01030 - SEEDING

Comply with Section 01030 of the Standard Specifications modified as follows:

01030.13(f) Types of Seed Mixes - Add the following to the end of this subsection:

Provide the following seed mix formulas:

- **Permanent Seeding:**

Botanical Name (Common Name)	PLS (lb/acre)
Hordeum vulgare var Poco (Poco Barley)	52.24
Hordeum brachyantherum (Meadow Barley)	36.57
Bromus carinatus (California Brome)	23.51
Festuca idahoensis romerii (Roemer's Fescue)	7.18
Trifolium fragiferum (Strawberry Clover)	5.22
Clarkia amonea (Farewell to Spring)	1.96
Oenothera elata hookeri (Hooker's Evening Primrose)	1.96
Deschampsia caespitosa (Tufted Hairgrass)	1.31
Agrostis exerata (Spike Bentgrass)	0.65

SECTION 01040 - PLANTING

Comply with Section 01040 of the Standard Specifications.

SECTION 02910 – SIGN MATERIALS

Comply with Section 02910 of the 2024 Oregon Standard Specifications for Construction modified as follows:

02910.20(a) General - Replace this subsection, except for the subsection number and title, with the following:

Use the following retroreflective sheeting Materials or approved equivalent.

- **Yellow** - 3M Diamond Grade VIP Reflective Sheeting 3991
- **White** - 3M Diamond Grade VIP Reflective Sheeting 3990
- **Black Legend** - 3M ElectroCut Film 1178

Use retroreflective sheeting Material not covered above from the QPL and the following:

(1) Perforation - If required for application, the sheeting may be pre-perforated with holes not greater than 0.02 inch in diameter. The perforations shall be approximately 0.4 inch apart in rows approximately 1.5 inches apart.

(2) Surface - The sheeting and adhesive shall be compatible with non-reflective permanent



AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

SURETY:

(Name, legal status and principal place of business)

OWNER:

(Name, legal status and address)

BOND AMOUNT:**PROJECT:**

(Name, location or address, and Project number, if any)

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this _____ day of _____

(Witness)

(Principal)

(Seal)

(Title)

(Witness)

(Surety)

(Seal)

(Title)

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

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061110



Document A310™ – 2010 Instructions

Bid Bond

GENERAL INFORMATION

Purpose. AIA Document A310–2010 establishes the maximum penal amount that may be due the Owner if the Bidder fails to execute the contract and to provide the required performance and payment bonds, if any. It provides assurance that, if a bidder is offered a contract based on its tendered proposal but fails to enter into the contract, the Owner will be paid the difference in cost to award the contract to the next qualified bidder, so long as the difference does not exceed the maximum penal amount of the bond.

Related Documents. A310 is not incorporated by reference into other AIA documents. For further reference on bonding procedures, see AIA Document A701™–1997, Instructions to Bidders; and AIA Document G612™–2001, Owner's Instructions to Architect.

Use of Non-AIA Forms. AIA Document A310 may be used with any appropriate AIA or non-AIA document. CAUTION SHOULD BE EXERCISED BEFORE ITS USE TO VERIFY ITS COMPLIANCE WITH CURRENT LAWS AND REGULATIONS BY CONSULTING WITH AN ATTORNEY OR A BOND SPECIALIST.

USING A310–2010

Modifications. Particularly with respect to professional or contractor licensing laws, bonding codes, taxes, monetary and interest charges, arbitration, indemnification, format and font size, AIA Contract Documents may require modification to comply with state or local laws. Users are encouraged to consult an attorney before completing or modifying a document.

In a purchased paper AIA Contract Document, necessary modifications may be accomplished by writing or typing the appropriate terms in the blank spaces provided on the document or by attaching Supplementary Conditions, special conditions or referenced amendments.

Modifications directly to purchased paper AIA Contract Documents may also be achieved by striking out language. However, care must be taken in making the kinds of deletions. Under NO circumstances should standard language be struck out to render it illegible. For example, users should not apply blocking tape, correction fluid or Xs that would completely obscure text. Such practices may raise suspicion of fraudulent concealment, or suggest that the completed and signed document has been tampered with. Both parties should initial handwritten changes.

Using AIA software, modifications to insert information and revise the standard AIA text may be made as the software permits.

By reviewing properly made modifications to a standard AIA Contract Document, parties familiar with that document can quickly understand the essence of the proposed relationship. Commercial exchanges are greatly simplified and expedited, good faith dealings encouraged, and otherwise latent clauses are exposed for scrutiny.

AIA Contract Documents may not be retyped or electronically scanned. Retyping can introduce typographic errors and cloud legal interpretation given to a standard clause. Furthermore, retyping and electronic scanning are not permitted under the user's limited license for use of the document, constitute the creation of a derivative work and violate the AIA's copyright.

Identification of the Parties. The Contractor, the Surety, and the Owner should be identified using their respective full names and addresses or legal titles under which the bond is to be executed. The state in which the Surety is incorporated also should be identified in the space provided.

Bond Amount. The dollar amount of the bond should be provided in both written and numerical form.

Project Description. The proposed project should be described in sufficient detail to identify (1) the official name or title of the facility; (2) the location of the site; (3) the proposed building type, size, scope or usage; and (4) the project number required by the owner, if any. A project number may be required by certain public owners to adequately identify the project to which the bond pertains.

Execution of the Bond. The bond must be signed by both the Contractor and the Surety. The parties executing (signing) the bond should print their title and impress their corporate seal, if any. Where appropriate, attach a copy of the resolution or bylaw authorizing the individual to act on behalf of the firm or entity. As to the Surety, this usually takes the form of a power of attorney issued by the Surety company to the bond producer (agent) who signs on its behalf.



AIA Document A312™ – 2010

Performance Bond

CONTRACTOR:

(Name, legal status and address)

SURETY:

(Name, legal status and principal place of business)

OWNER:

(Name, legal status and address)

CONSTRUCTION CONTRACT

Date:

Amount:

Description:

(Name and location)

BOND

Date:

(Not earlier than Construction Contract Date)

Amount:

Modifications to this Bond: None See Section 16

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*

SURETY

Company: *(Corporate Seal)*

Signature: _____

Name
and Title:

(Any additional signatures appear on the last page of this Performance Bond.)

Signature: _____

Name
and Title:

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party.)

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

AIA Document A312-2010 combines two separate bonds, a Performance Bond and a Payment Bond, into one form. This is not a single combined Performance and Payment Bond.

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

- .1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
- .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
- .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3 the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety company, to be identical to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

- .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- .2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

- .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
- .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
- .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceases working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision of this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 14 Definitions

§ 14.1 **Balance of the Contract.** The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

§ 14.2 **Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.3 **Contractor Default.** Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

§ 14.4 **Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 14.5 **Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

SAMPLE

REPRODUCTION

REPRODUCTION

REPRODUCTION

REPRODUCTION

REPRODUCTION

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

SURETY

Company:

(Corporate Seal)

Company:

(Corporate Seal)

Signature:

Name and Title:


Address

Signature:

Name and Title:

Address

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

 **AIA**® Document A312™ – 2010

Payment Bond

CONTRACTOR:
(Name, legal status and address)

SURETY:
(Name, legal status and principal place of business)

OWNER:
(Name, legal status and address)

CONSTRUCTION CONTRACT
Date:

Amount:

Description:
(Name and location)

BOND
Date:
(Not earlier than Construction Contract Date)

Amount:

Modifications to this Bond: None See Section 18

CONTRACTOR AS PRINCIPAL
Company: *(Corporate Seal)*

SURETY
Company: *(Corporate Seal)*

Signature: _____
Name and Title:
(Any additional signatures appear on the last page of this Payment Bond.)

Signature: _____
Name and Title:

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

OWNER'S REPRESENTATIVE:
(Architect, Engineer or other party:)

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

AIA Document A312–2010 combines two separate bonds, a Performance Bond and a Payment Bond, into one form. This is not a single combined Performance and Payment Bond.

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.

§ 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of claims, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.

§ 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.

§ 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:

§ 5.1 Claimants, who do not have a direct contract with the Contractor,

- .1 have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were or equipment was, furnished or supplied or for whom the labor was done or performed within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
- .2 have sent a Claim to the Surety (at the address described in Section 13).

§ 5.2 Claimants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).

§ 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.

§ 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:

§ 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and

§ 7.2 Pay or arrange for payment of any undisputed amounts.

§ 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

§ 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

§ 10 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claimants or otherwise have any obligations to Claimants under this Bond.

§ 11 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 12 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Section 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 13 Notice and Claims to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.

§ 14 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 15 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

§ 16 Definitions

§ 16.1 Claim. A written statement by the Claimant including a minimum:

1. the name of the Claimant;
2. the name of the person for whom the labor was done, or materials or equipment furnished;
3. a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
4. a brief description of the labor, materials or equipment furnished;
5. the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
6. the total amount claimed by the Claimant for labor, materials or equipment furnished as of the date of the Claim;
7. the total amount of previous payments received by the Claimant; and
8. the total amount due and unpaid to the Claimant for labor, materials or equipment furnished as of the date of the Claim.

§ 16.2 Claimant. An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

§ 16.3 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

§ 16.4 **Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 16.5 **Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 17 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 18 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company:

(Corporate Seal)

SURETY

Company:

(Corporate Seal)

Signature: _____

Name and Title: _____

Address _____

Signature: _____

Name and Title: _____

Address _____

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.



**City of Springfield
Development and Public Works**

CONSTRUCTION PLANS & DRAWINGS

**Project #P21195
42nd Street Overlay – IP to Marcola**

CITY OF SPRINGFIELD DEVELOPMENT & PUBLIC WORKS

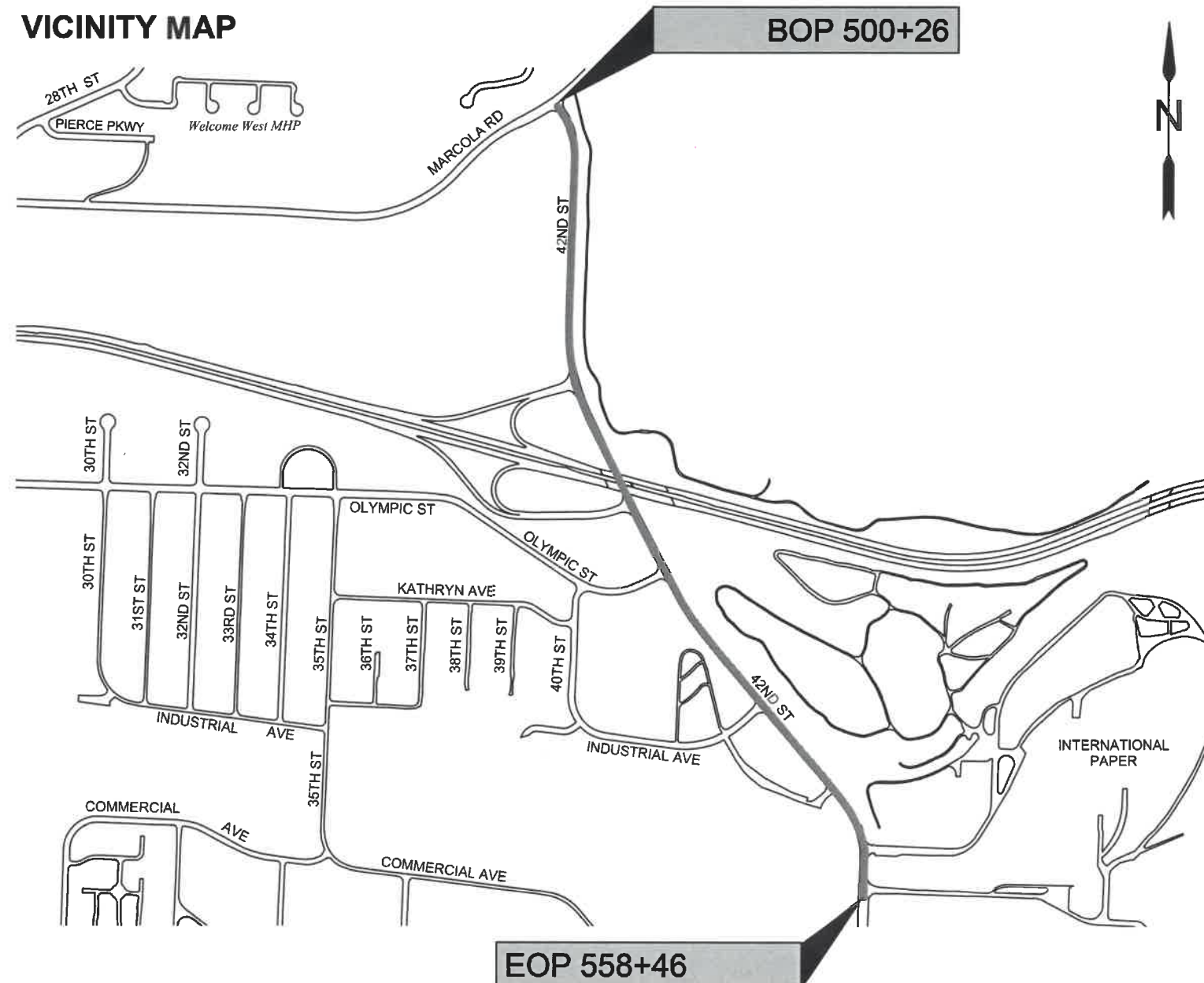
Project P21195 42ND STREET OVERLAY - IP TO MARCOLA ROAD

PAVING, ADA CURB RAMPS, SIGNAL MODIFICATIONS AND PAVEMENT MARKING

PROJECT LOCATION



VICINITY MAP



No.	Revision/Issue	Date



Know what's below.
Call before you dig.

UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING UTILITY LOCATIONS PRIOR TO BEGINNING OF CONSTRUCTION. THESE PLANS MAY NOT SHOW ALL UTILITIES OR THE CORRECT LOCATIONS.

DOWL
920 Country Club Rd., Suite 100B
Eugene, OR 97401
541-686-6090
WWW.DOWL.COM

City of Springfield

PUBLIC WORKS / ENGINEERING
225 FIFTH STREET, SPRINGFIELD, OR 97477
PHONE (541) 726-3753 FAX (541) 726-3689
INTERNET www.springfield-or.gov



**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**



EXPIRES: 06/30/24

TITLE SHEET

NO SCALE
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

**SHEET
A01
OF
99**

SHEET INDEX

SHEET NO.	DESCRIPTION
A01-A04	TITLE SHEET, SHEET INDEX, LEGEND/ABBREVIATIONS, GENERAL NOTES
B01-B09	TYPICAL SECTIONS
C01	ADVANCE WARNING
C02-C29	TRAFFIC CONTROL PLAN
E01-E02	ROADWAY DETAILS
F01-F10	PLAN SHEET
J01-J16	CURB RAMP DETAILS
Q01	EROSION AND SEDIMENT CONTROL NOTES
Q02-Q11	EROSION AND SEDIMENT CONTROL PLAN
Q12	EROSION AND SEDIMENT CONTROL DETAILS
SS01	SIGNING & STRIPING LEGEND
SS02-SS08	SIGNING & STRIPING PLAN
T01-T09	TRAFFIC SIGNAL MODIFICATION PLAN
ODOT STD. DWGS.	DESCRIPTION
RD1010	INLET PROTECTION TYPE 2,3,6,7, 10 AND 11
RD1032	SEDIMENT BARRIER TYPE 8
RD1040	SEDIMENT FENCE
TM200	SIGN INSTALLATION DETAILS
TM204	FLAG BOARD MOUNTING DETAILS
TM240	CROSSWALK CLOSURE DETAIL
TM457	PEDESTAL FOUNDATION AND TRAFFIC SIGNAL ASSEMBLY
TM467	PEDESTRIAN SIGNAL MOUNT AND PEDESTRIAN PUSHBUTTON DETAILS
TM470	WIRE & CABLE INSTALLATION
TM471	TRENCHING & CONDUIT INSTALLATION
TM472	JUNCTION BOXES / HAND HOLES
TM500-503	PAVEMENT MARKING STANDARD DETAIL BLOCKS
TM521	DURABLE & HIGH-PERFORMANCE PAVEMENT MARKINGS SURFACE & GROOVE INSTALLED NON-PROFILED
TM530	INTERSECTION PAVEMENT MARKINGS (CROSSWALK, STOP BAR, BIKE LANE STENCIL)
TM531	TURN ARROW MARKING DETAILS
TM539	MEDIAN AND LEFT TURN CHANNELIZATION DETAILS
TM561	ALIGNMENT LAYOUT: LEFT TURN LANE, CENTERLINE & MEDIANS
TM670	WOOD POST SIGN SUPPORTS
TM671	3-SECOND GUST WIND SPEED MAP
TM675	EXTRUDED ALUMINUM PANELS
TM677	SIGN MOUNTS
TM681	PERFORATED STEEL SQUARE TUBE (PSST) SIGN SUPPORT INSTALLATION
TM687	PERFORATED STEEL SQUARE TUBE (PSST) ANCHOR FOUNDATION
TM688	PERFORATED STEEL SQUARE TUBE (PSST) SLIP BASE FOUNDATION
TM800	TABLES, ABRUPT EDGE AND PCMS DETAILS
TM810	TEMPORARY PAVEMENT MARKINGS
TM820	TEMPORARY BARRICADES
TM821	TEMPORARY SIGN SUPPORTS
TM841	INTERSECTION WORK ZONE DETAILS
TM842	SIGNALIZED INTERSECTION DETAILS
TM844	TEMPORARY PEDESTRIAN ACCESSIBLE ROUTES
TM845	TEMPORARY SIDEWALK RAMPS
TM850	2-LANE, 2-WAY ROADWAYS
TM854	2-LANE, 2-WAY ROADWAYS
TM855	2-LANE, 2-WAY ROADWAYS
COS. STD. DWGS.	
3-12	SIDEWALK CONSTRUCTION
3-30	DETECTABLE WARNING TEXTURE - PEDESTRIAN ACCESS PATH
4-1A	STANDARD MANHOLE - FRAME & COVER ADJUSTMENTS
5-4	PEDESTRIAN SIGNAL & SIGN
5-5	FOUNDATION
5-12	LOOP DETECTOR, ROADWAY & MISC.
5-18	ROADSIDE INSTALLATION
5-21	STRIPING, ROADWAY PAVEMENT

STANDARD DRAWINGS LOCATED ON THE WEB AT:
<https://springfield-or.gov/city/development-public-works/standard-construction-specifications-standard-drawings/>
<https://www.oregon.gov/ODOT/Engineering/Pages/Standards.aspx>

No.	Revision/Issue	Date
 Know what's below. Call before you dig.		
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 DOWL <small>920 Country Club Rd., Suite 100B Eugene, OR 97401 541-683-6090 WWW.DOWL.COM</small>	 City of Springfield <small>PUBLIC WORKS / ENGINEERING 225 FIFTH STREET, SPRINGFIELD, OR 97477 PHONE (541) 726-3753 FAX (541) 726-3869 INTERNET www.springfield-or.gov</small>	
Project P21195 42ND STREET OVERLAY IP TO MARCOLA ROAD		
		
 <small>REGISTERED PROFESSIONAL ENGINEER 102003PE Digitally Signed 2024.03.07 15:41:33-08'00' OREGON MARCH 14, 2023 AUSTIN JOSEPH ZAVALA EXPIRES: 06/30/24</small>		
SHEET INDEX		
NO SCALE		SHEET A02 OF 99
<small>DRAWN BY: R. DUERST</small>		
<small>DESIGNED BY: N. SCHREMSE</small>		
<small>CHECKED BY: J. GALEAZZI</small>		

ABBREVIATIONS

AB	AGGREGATE BASE	DR	DRIVE	LDAP	LAND DRAINAGE & ALTERATION PERMIT	RD	ROAD
ABAN	ABANDON(ED)	DWG	DRAWING	LF	LINEAL FEET	REINF	REINFORCE(D)(ING)(MENT)
ACP	ASPHALTIC CONCRETE PAVEMENT	DWY	DRIVEWAY	LP	LOW POINT	REQ'D	REQUIRED
AD	AREA DRAIN	EA	EACH	LPR	LOW PRESSURE	RESTR	RESTRAINED
ADA	AMERICANS WITH DISABILITIES ACT	EC	END CURVE	LT	LEFT	ROW	RIGHT-OF-WAY
ADJ	ADJUST	EDOP	EDGE OF PAVEMENT	MATL(S)	MATERIALS	RT	RIGHT
AL	ALUMINUM	EG	EXISTING GRADE	MAX	MAXIMUM	S/W	SIDEWALK
APPROX	APPROXIMATELY	EL	ELEVATION	MFR(S)	MANUFACTURER(S)	S	SLOPE
APPVD	APPROVED	ELEC	ELECTRIC, ELECTRICAL	MH(S)	MANHOLE(S)	SCHED	SCHEDULE
ARV	AIR RELEASE VALVE	EOP	END OF PROJECT	MHSD	MANHOLE STORM DRAIN	SD	STORM DRAIN
ASSY	ASSEMBLY	EP	EDGE OF PAVEMENT	MHSS	MANHOLE SANITARY SEWER	SDMH	STORM DRAIN MANHOLE
ATB	ASPHALT TREATED BASE	EQ	EQUAL	MIN	MINIMUM	SERV	SERVICE
BC	BEGIN CURVE	EQUIP	EQUIPMENT	MISC	MISCELLANEOUS	SHT(S)	SHEET(S)
BLDG	BUILDING	ESMT	EASEMENT	MJ	MECHANICAL JOINT	SL	SLOPE
BM	BENCHMARK	EVC	END VERTICAL CURVE	MON	MONUMENT	SPECS	SPECIFICATIONS
BO	BLOWOFF	EXTG.	EXISTING	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	SQ	SQUARE
BOP	BEGINNING OF PROJECT	EXCAV	EXCAVATION	NO	NUMBER	SQFT	SQUARE FOOT, SQUARE FT
BTM	BOTTOM	FAB	FABRICATE	NOM.	NOMINAL	SS	SANITARY SEWER
BVC	BEGIN VERTICAL CURVE	FD	FLOOR DRAIN	NTS	NOT TO SCALE	SST	STAINLESS STEEL
C/G	CURB AND GUTTER	FH	FIRE HYDRANT	OC	ON CENTER	ST	STREET
CB	CATCH BASIN	FI	FIELD INLET	OD	OUTSIDE DIAMETER	STA	STATION
CCP	CONCRETE CULVERT PIPE	FIN GR	FINISHED GRADE	ODOT	OREGON DEPARTMENT OF TRANSPORTATION	STD	STANDARD
CCFL	CURB FACE FLOW LINE	FL	FLOW LINE	OVHD	OVERHEAD UTILITY	STL	STEEL
CI	CURB INLET	FLG	FLOW LINE OF GUTTER	P	POWER	SUB	SPRINGFIELD UTILITY BOARD
CIP	CAST IN PLACE	FM	FORCE MAIN	P/L	PROPERTY LINE	SW	SIDEWALK
CL	CENTER LINE	FT	FOOT, FEET	PC	POINT OF CURVATURE	TB	THRUST BLOCK
CLS	CLASS	FTG	FITTING	PCCP	PORTLAND CEMENT CONCRETE	TCP	TRAFFIC CONTROL PLAN
CO	CLEANOUT	G	GAS	PERM	PERMANENT	TPAR	TEMPORARY PEDESTRIAN ACCESS ROUTE
CONC	CONCRETE	GB	GRADE BREAK	PI	POINT OF INTERSECTION	TEL	TELEPHONE
CONST	CONSTRUCT, CONSTRUCTION	GALV	GALVANIZED	POLY	POLYETHYLENE	TEMP	TEMPORARY
CONT	CONTINUOUS	GR	GRADE	PRC	POINT OF REVERSE CURVATURE	TFC	TOP FACE OF CURB
COP	COPPER	GRVL	GRAVEL	PRESS	PRESSURE	THKN.	THICK
COR	CORNER	GV	GATE VALVE	PROP	PROPOSED	THRU	THROUGH
COS	CITY OF SPRINGFIELD	HMAC	HOT MIX ASPHALT CONCRETE	PS	PUMP STATION	TV	TELEVISION
CPLG	COUPLING	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY	TYP	TYPICAL
CR	CRUSHED ROCK	HP	HIGH POINT	PUGD	UNDERGROUND POWER	VAR.	VARIES
CTB	CONCRETE TREATED BASE	HPR	HIGH PRESSURE	PV	PLUG VALVE	VERT	VERTICAL(LY)
CV	CHECK VALVE	HWY	HIGHWAY	PVC	POLYVINYL CHLORIDE	W	WATER
CY	CUBIC YARD	ID	INSIDE DIAMETER	PVI	POINT OF VERTICAL INTERSECTION	WM	WATER METER
D	DRAIN	IE	INVERT ELEVATION	PVMT.	PAVEMENT	WWMH	WASTEWATER MANHOLE
DET	DETAIL	IN	INCH, INCHES	R	RATE	VC	VERTICAL CURVE
DI	DUCTILE IRON	INV	INVERT	RAD	RADIUS		
DIA	DIAMETER	LAT	LATERAL	RCP	REINFORCED CONCRETE PIPE		

LEGEND

RIGHT OF WAY (ROW) LINE (EXISTING)	— ROW —
EXISTING CONTOURS, 0.5' INTERVAL	— — — — —
PROPOSED PERMANENT EASEMENT	- - - - -
GAS LINE	— GAS —
COMMUNICATION LINE	— C —
WATER LINE	— W —
POWER	— E —
STORM SEWER	— SD —
SANITARY SEWER (EXISTING)	— S —
EFFLUENT LINE	— * —
2" ACP INLAY LIMITS	□
4" ACP INLAY LIMITS	■
ACP REPAIR	▨
SHLDR. AGGREGATE	▧
COMPOST EROSION BLANKET & PERMANENT SEEDING	▩
GAS VALVE	⊗
WATER VALVE	⊗
FIRE HYDRANT	⊕
WATER METER	⊕
UTILITY BOX	⊕
POWER POLE/LIGHT	⊕
CATCH BASIN EXISTING	□
LUMINAIRE	⊕
SANITARY MANHOLE (EXISTING)	⊙
STORM SEWER MANHOLE (EXISTING)	⊙
UTILITY POLE	⊕
HOSPITAL	H
FLOW DIRECTION	→
CHECK DAM	⊕
INLET PROTECTION	⊕
FILL LINE	- - F - - F
ORANGE PLASTIC MESH FENCING	- x - x -
SEDIMENT FENCE	- o - o -
SEDIMENT BARRIER	▩
PROTECT DECIDUOUS TREE	⊕
PROTECT CONIFEROUS TREE	⊕
REMOVE DECIDUOUS TREE	⊗
REMOVE CONIFEROUS TREE	⊗

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



REGISTERED PROFESSIONAL ENGINEER
102003PE
Digitally Signed 2024.03.07 15:42:52-08'00'
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

LEGEND/ABBREVIATIONS

NO SCALE	SHEET A03 OF 99
DRAWN BY: R. DUERST	
DESIGNED BY: N. SCHREMSE	
CHECKED BY: J. GALEAZZI	

GENERAL CONSTRUCTION NOTES:

- A. ALL MATERIALS AND WORKMANSHIP WITHIN THE PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENTS SHALL MEET STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- B. OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW THE RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0100. THE CONTRACTOR MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (800) 332-2344 OR 811.
- C. LOCATION AND/OR DEPTH OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE. ALL UTILITIES MAY NOT APPEAR ON PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR UNDERGROUND LOCATION OF FACILITIES AT LEAST 48 HOURS PRIOR TO EXCAVATING OR "POTHOLING". THE "ONE-CALL" NUMBER (800) 332-2344 OR 811.
- D. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH UTILITY COMPANIES ON THE TIMING OF INSTALLATION OF THEIR FACILITIES.
- E. ALL SANITARY AND STORM SEWER CONNECTIONS TO EXISTING CITY OWNED FACILITIES (PIPE, CATCH BASINS, MANHOLES, ETC.) SHALL BE INSPECTED BY THE CONTRACTOR AND THE CITY'S PUBLIC WORKS MAINTENANCE DEPARTMENT PRIOR TO HOOK UP. CONTACT MAINTENANCE AT (541-726-3761) OR CITY CONSTRUCTION INSPECTOR NO LESS THAN 48 HOURS PRIOR TO DESIRED INSPECTION TIME.
- F. WHERE CONNECTING TO AN EXISTING PIPE. THE CONTRACTOR SHALL EXPOSE THE END OF THE EXISTING PIPE AND ALLOW THE ENGINEER TO VERIFY EXACT LOCATION AND ELEVATION, CONDITION, AND POSITIVE FLOW BEFORE LAYING ANY NEW PIPE ON THAT SYSTEM.
- G. THE SEWER GRADE SHALL BE PER THE PLANS SPECIFICATIONS AND WITH THE MINIMUM COVER AS SHOWN ON THE PLANS.
- H. THE CONTRACTOR SHALL INTERNALLY TELEVISION INSPECT THE SEWER AFTER ALL BACKFILL AND BEFORE THE FINAL LIFT OF ASPHALT PAVING. THE CONTRACTOR SHALL SUPPLY THE CITY WITH A WRITTEN T.V. REPORT AND VIDEO TAPE OR DVD FOR CITY APPROVAL AT LEAST 2 WORKING DAYS BEFORE THE PRE-PAVING MEETING.
- I. CONTRACTOR TO SCHEDULE A PRE-PAVING CONFERENCE 24 HOURS PRIOR TO PAVING. CONTACT THE CONSTRUCTION INSPECTOR.
- J. ALL JOINTS BETWEEN EXISTING AND NEW ASPHALT PAVING SHALL BE SEALED WITH POLYMERIZED ASPHALT AND SANDED TO PREVENT PICK UP.
- K. COMPACTION REQUIREMENTS:
- | 1. LAYER | RATE TEST | |
|---------------------------------|-----------|------|
| 2. SUBGRADE | 95% | T99 |
| 3. CRUSHED ROCK | 95% | T180 |
| 4. ASPHALT (LOCAL) | 90% | RICE |
| 5. ASPHALT (COLLECTOR/ARTERIAL) | 92% | RICE |
- L. CONCRETE COMPRESSIVE STRENGTH REQUIREMENTS (PSI):
- | 1. CONCRETE USE | FIELD | LABORATORY |
|-----------------------|-------|------------|
| 2. SIDEWALK/ADA RAMPS | 3000 | 3450 |
| 3. CURBS/GUTTERS | 3500 | 4025 |
| 4. DRIVEWAYS | 3500 | 4025 |
| 5. PAVEMENT | 4000 | 4600 |
- M. CONCRETE TESTING TO BE PERFORMED BY AND COORDINATED WITH LANE COUNTY. FOUR (4) SETS ON CONCRETE CYLINDERS WILL BE COLLECTED FOR EACH POUR AS DETERMINED BY THE ENGINEER. TYPICALLY, TESTING WILL BE PERFORMED TO DETERMINE THREE (3)-DAY, SEVEN (7)-DAY, AND 28-DAY COMPRESSIVE STRENGTH OF CONCRETE SAMPLES; SCHEDULE MAY BE ALTERED BY THE ENGINEER. TESTING TO BE PERFORMED PER APWA STANDARD SPECIFICATIONS.
- N. THIS PROJECT SHALL COMPLY WITH THE AMERICAN DISABILITIES ACT REQUIREMENTS SUCH AS INCORPORATION OF DESIGN CRITERIA FOR RAMPS, MAXIMUM PROFILE AND CROSS SECTION SLOPES FOR SIDEWALKS, UPGRADING EXISTING FACILITIES WHERE MAJOR CONSTRUCTION IS OCCURRING, AND BUILDING WARNING FOR OBJECTS IN SIDEWALK SUCH AS CURBING OR LANDSCAPING AROUND MAILBOXES.
- O. CONTRACTOR IS RESPONSIBLE TO OBTAIN APPLICABLE PERMITS FROM OTHER AGENCIES WITH JURISDICTIONS SUCH AS LANE COUNTY, OREGON DEPARTMENT OF TRANSPORTATION, OREGON DIVISION OF STATE LANDS, THE ARMY CORPS OF ENGINEERS, OR THE DEPARTMENT OF ENVIRONMENTAL QUALITY.
- P. ALL IMPROVEMENTS THAT WILL BE PRIVATELY OWNED AND MAINTAINED WILL BE BOUND BY THE CURRENT REQUIREMENTS OF THE STATE OF OREGON STRUCTURAL SPECIALTY CODE, PLUMBING SPECIALTY CODE, AND/OR CITY OF SPRINGFIELD BUILDING DIVISION REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO OBTAIN APPLICABLE PERMITS FROM OTHER CITY DEPARTMENTS PRIOR TO DOING PRIVATE WORK.
- Q. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION. SEE EROSION CONTROL PLAN.
- R. STREET TREES: ONLY STREET TREES WITH A MINIMUM TRUNK CALIPER OF 2 IN. MEASURED 6 IN. ABOVE THE ROOT STEM SHALL BE SELECTED FOR PLANTING.
- S. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED BEFORE START OF CONSTRUCTION. ALL UTILITIES, CONTRACTORS AND CITY REPRESENTATIVES SHALL HAVE RECEIVED THE FINAL APPROVED PLANS AT LEAST 5 WORKING DAYS PRIOR TO THE PRE CONSTRUCTION CONFERENCE.
- T. THE ENGINEER AND/OR CITY HAVE THE RIGHT TO REQUIRE ADDITIONAL WORK NOT SHOWN HEREIN BUT NECESSARY FOR THE SUCCESSFUL COMPLETION OF THE PROJECT AS APPROVED BY THE ENGINEER AND CITY.
- U. REQUESTS BY THE CONTRACTOR FOR CHANGES SHALL BE APPROVED BY THE ENGINEER AND THE CITY IN WRITING PRIOR TO IMPLEMENTATION.
- V. CONTRACTOR SHALL BE AWARE IF PAVING IS NOT SCHEDULED OR DOES NOT OCCUR PRIOR TO OCTOBER 15TH, WET WEATHER PROVISIONS INCLUDING ADDITIONAL ROCK SUBSTRUCTURE AND GEOTEXTILE FABRIC SHALL USED. REFER TO ENGINEERING DESIGN STANDARDS AND PROCEDURES MANUAL SECTION 1.02.7 FOR DETAILS.
- W. THE CONTRACTOR SHALL VERIFY EACH EXISTING SANITARY AND STORM CONNECTION.
- X. PROTECT OR REPLACE EXISTING SURVEY MONUMENTS, INCLUDING CENTERLINE, BENCHMARKS, GOVERNMENT CORNERS, GEODETRIC CONTROL, PROPERTY AND RIGHT OF WAY CORNERS.

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



REGISTERED PROFESSIONAL ENGINEER
102003PE
Digitally Signed 2024.04.01 07:37:10-0700
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

GENERAL NOTES

NO SCALE	SHEET A04 OF 99
<small>DRAWN BY: R. DUERST</small>	
<small>DESIGNED BY: N. SCHREMSE</small>	
<small>CHECKED BY: J. GALEAZZI</small>	

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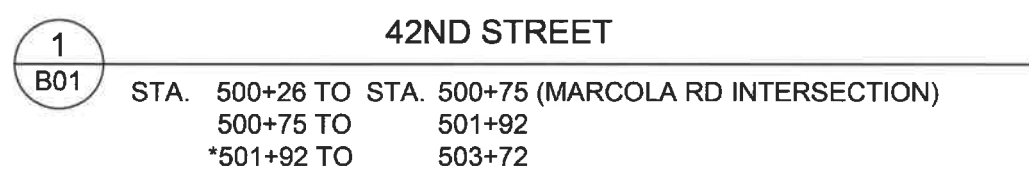
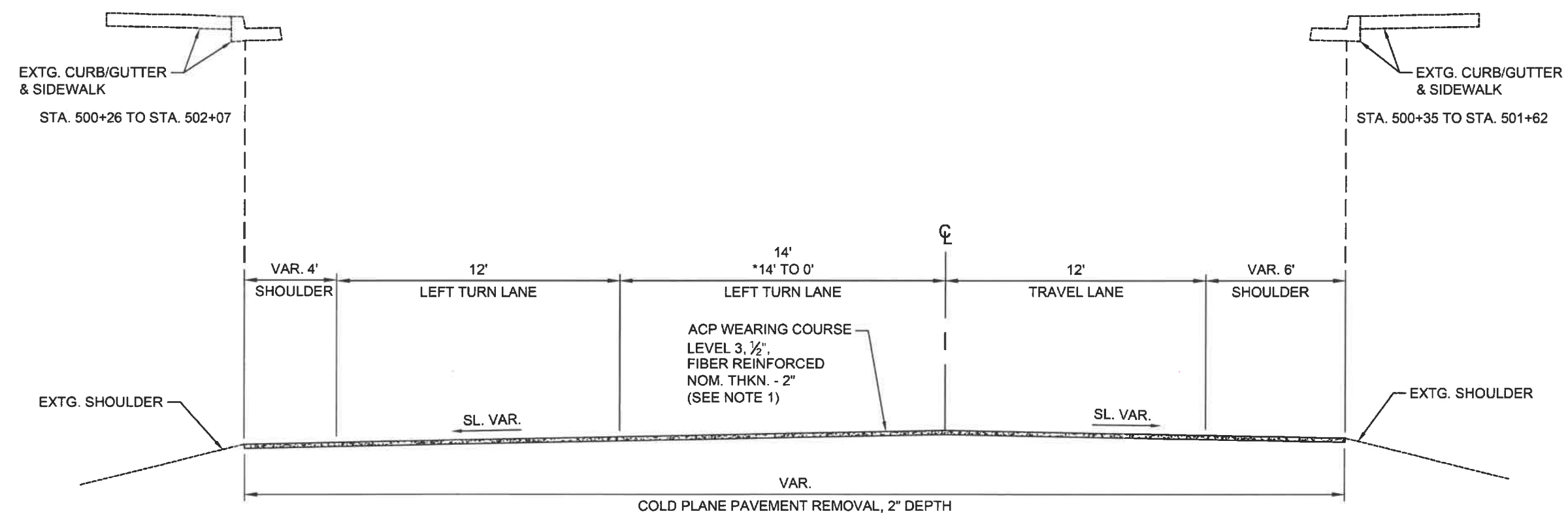
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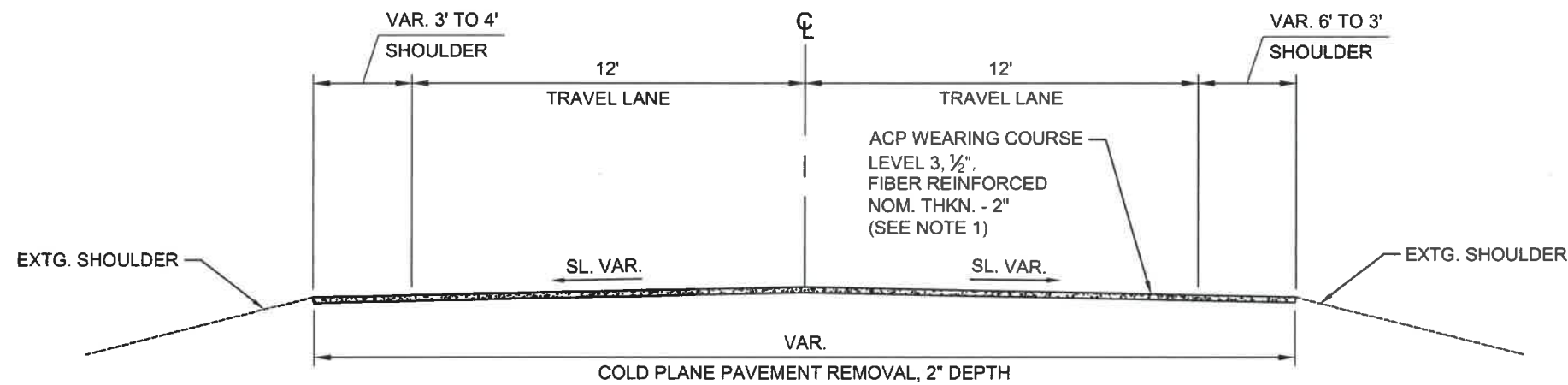
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TYPICAL SECTIONS
SCALE: 1" = 5'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI
SHEET **B01** OF **99**



- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
2. SEE F SHTS. FOR DRIVEWAY LOCATIONS.



1
B02

42ND STREET

STA. 503+72 TO STA. 515+26

- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
 2. SEE F SHTS. FOR DRIVEWAY LOCATIONS.

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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**



EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'

DRAWN BY: R. DUERST
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SHEET
B02
OF
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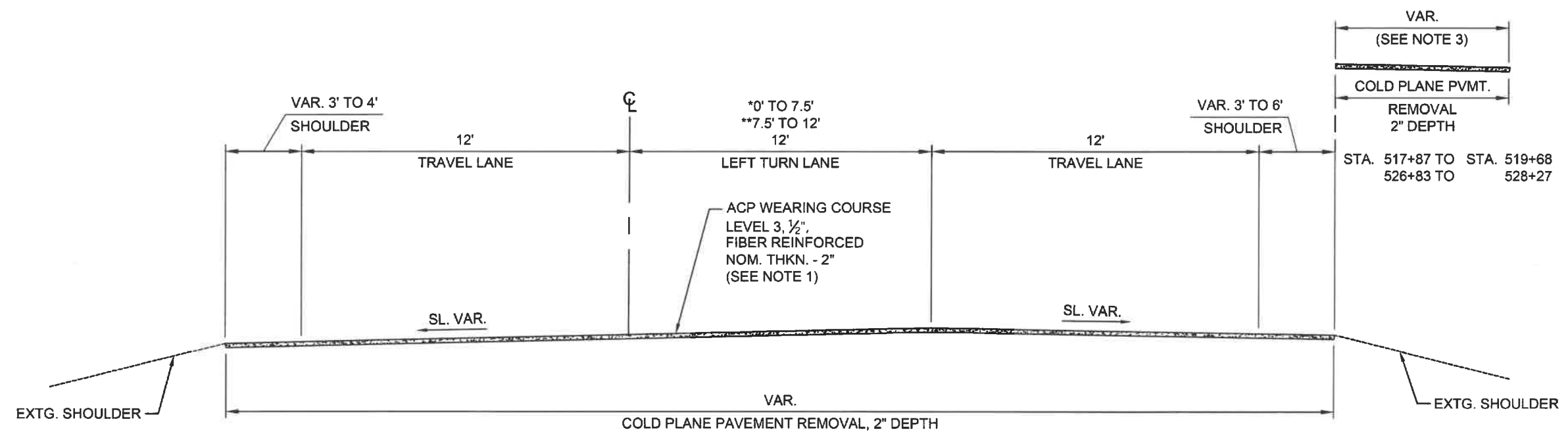
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EXPIRES: 06/30/24

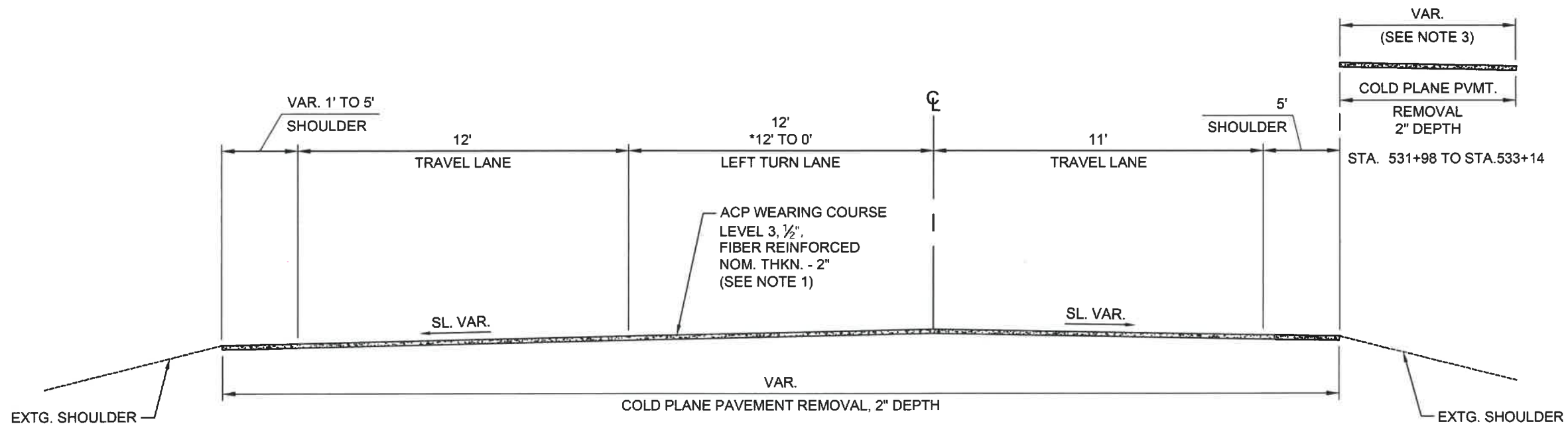
TYPICAL SECTIONS

SCALE: 1" = 5'	SHEET B03 OF 99
DRAWN BY: R. DUERST	
DESIGNED BY: N. SCHREMSE	
CHECKED BY: J. GALEAZZI	



1	42ND STREET	
B03	*STA. 515+26 TO STA. 517+87	517+87
	**517+87 TO 519+68	519+68 (OR-126 CONN. NO. 3 & 4 INTERSECTION)
	519+68 TO 526+83	526+83
	526+83 TO 528+27	528+27 (OR-126 CONN. NO. 1 & 2 INTERSECTION)
	528+27 TO	531+98

- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
 2. FOR ACP REPAIR DETAILS, SEE SHT. E01.
 3. SEE F SHTS. FOR DRIVEWAY LOCATIONS AND INTERSECTION PAVING LIMITS.



1		42ND STREET	
B04	STA. 531+98 TO STA. 533+14 (OLYMPIC ST INTERSECTION)	533+14 TO 534+60	
		*534+60 TO 536+29	

NOTES:

1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
2. FOR ACP REPAIR DETAILS, SEE SHT. E01.
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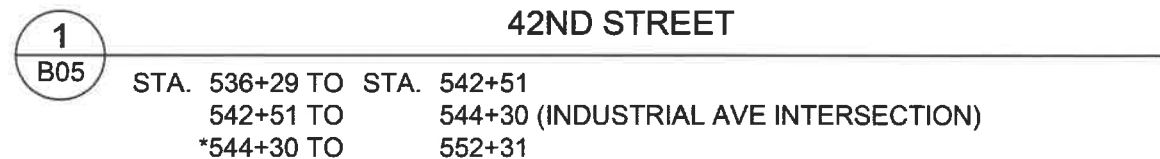
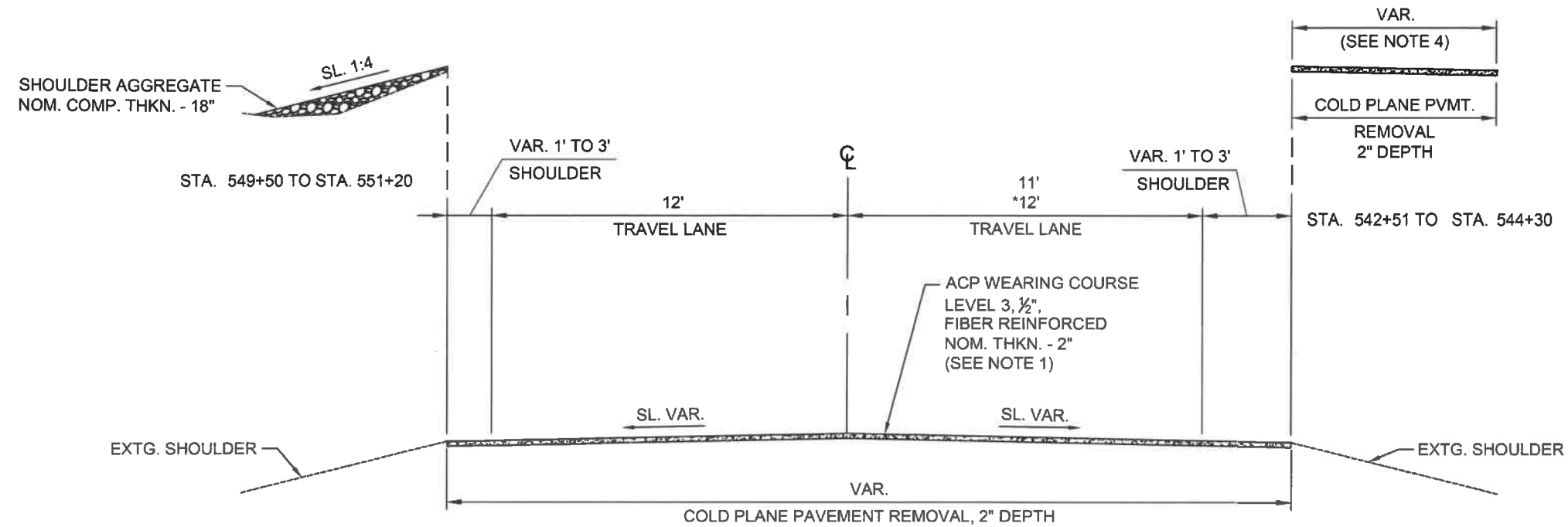
EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
B04
OF
99



- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
 2. FOR ACP REPAIR DETAILS, SEE SHT. E01.
 3. SIDE SLOPES ARE SHOWN AS VERTICAL TO HORIZONTAL.
 4. SEE F SHTS. FOR DRIVEWAY LOCATIONS AND INTERSECTION PAVING LIMITS.

No.	Revision/Issue	Date



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Call before you dig.

UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING UTILITY LOCATIONS PRIOR TO BEGINNING OF CONSTRUCTION. THESE PLANS MAY NOT SHOW ALL UTILITIES OR THE CORRECT LOCATIONS.

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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

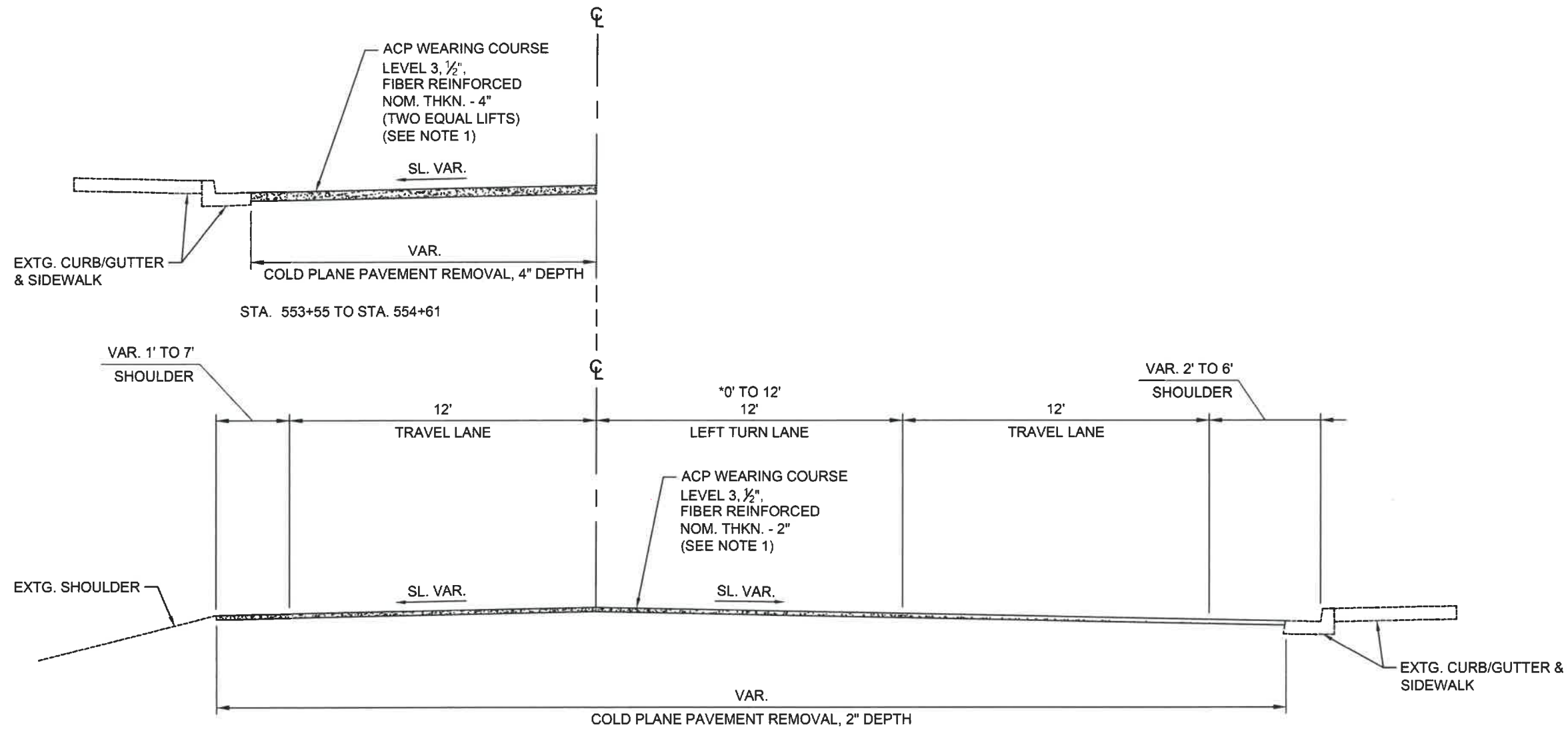


REGISTERED PROFESSIONAL ENGINEER
102003PE
2024.03.07
Digitally Signed 15:45:07-08'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'	SHEET B05 OF 99
DRAWN BY: R. DUERST	
DESIGNED BY: N. SCHREMSE	
CHECKED BY: J. GALEAZZI	



1
B06

42ND STREET

*STA. 552+31 TO STA. 553+55
553+55 TO STA. 554+61

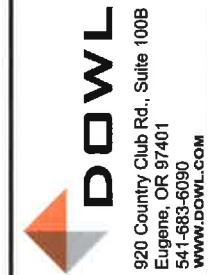
- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
 2. FOR ACP REPAIR DETAILS, SEE SHT. E01.

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



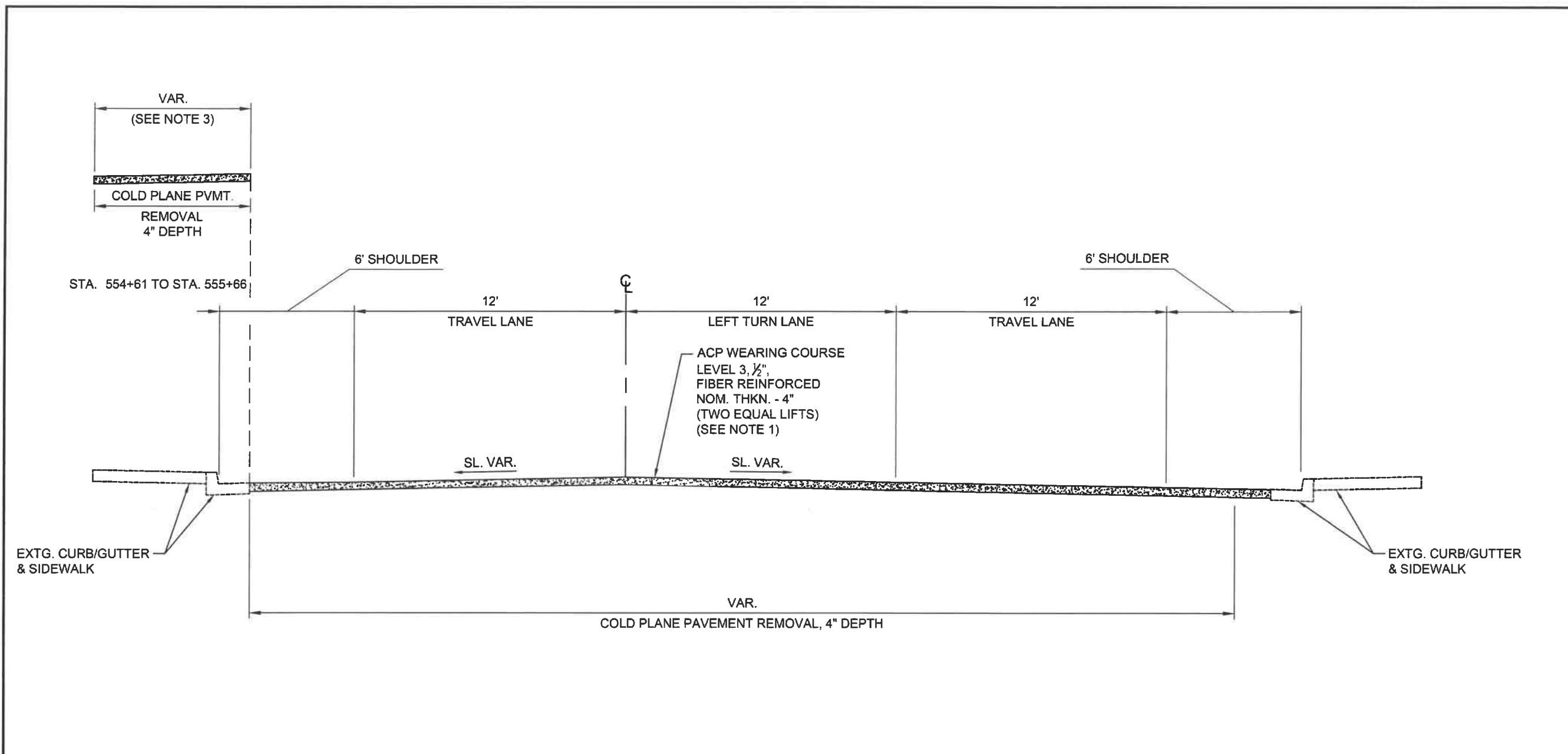
EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEMER
CHECKED BY: J. GALEAZZI

SHEET
B06
OF
99



1 **B07** **42ND STREET**
 STA. 554+61 TO STA. 555+66 (IP ENTRANCE INTERSECTION)
 555+66 TO 557+23

- NOTES:
1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
 2. FOR ACP REPAIR DETAILS, SEE SHT. E01.
 3. SEE F SHTS. FOR INTERSECTION PAVING LIMITS.

No.	Revision/Issue	Date

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IP TO MARCOLA ROAD

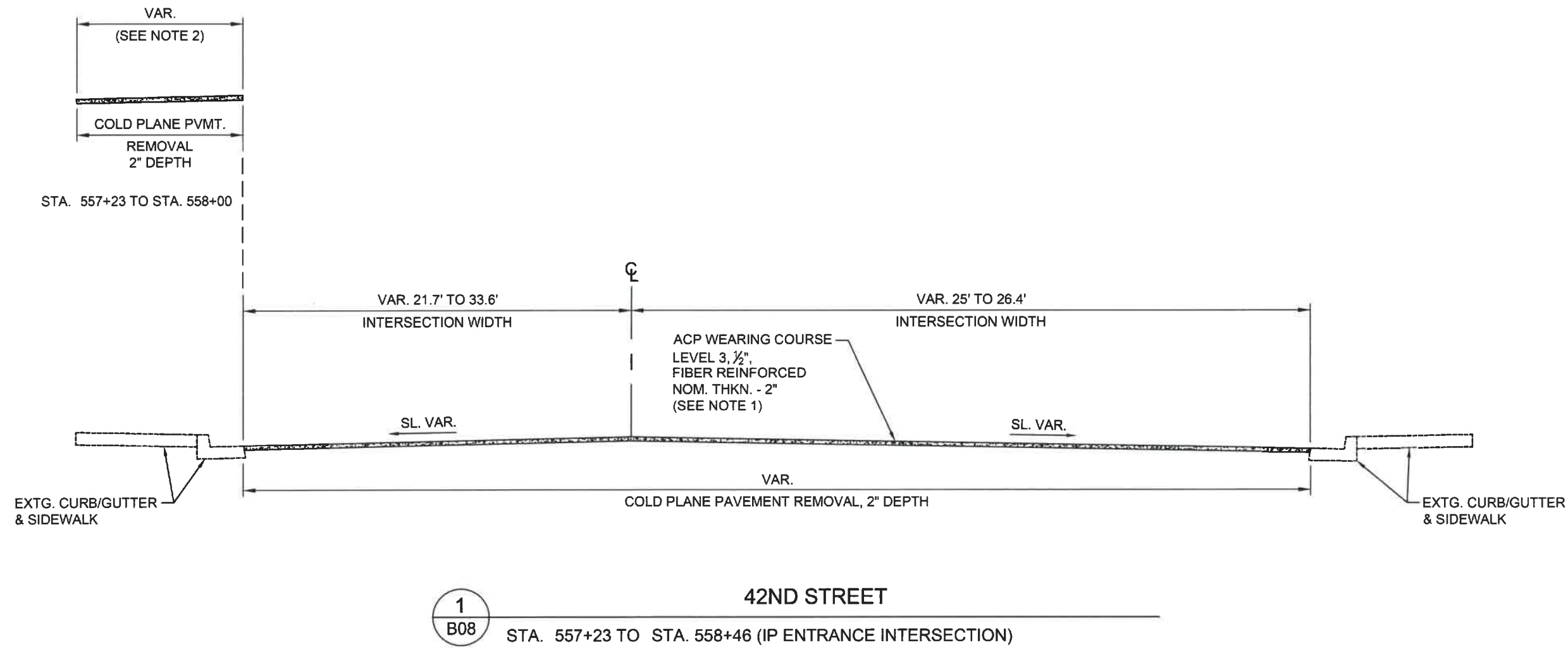
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102003PE
Digitally Signed 2024.03.07 16:15:17-08'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEMER
CHECKED BY: J. GALEAZZI

SHEET
B07
OF
99



1
B08 42ND STREET
STA. 557+23 TO STA. 558+46 (IP ENTRANCE INTERSECTION)

NOTES:

1. USE PG64-22 BINDER IN LEVEL 3, 1/2" ACP.
2. SEE F SHTS. FOR INTERSECTIONS PAVING LIMITS.

No.	Revision/Issue	Date



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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**

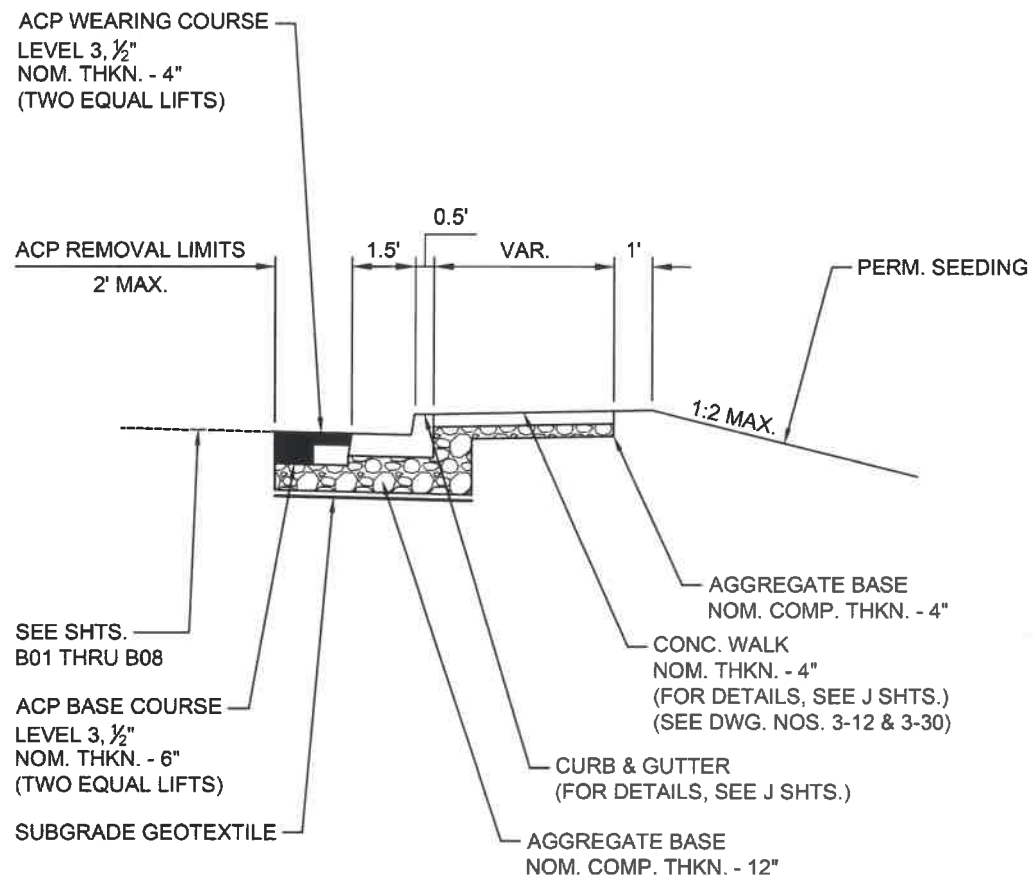


EXPIRES: 06/30/24

TYPICAL SECTIONS

SCALE: 1" = 5'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
B08
OF
99



1
B09 CURB RAMPS
 FROM STA. 500+26 TO STA. 558+46 (SEE F SHTS. FOR LOCATIONS)

- NOTES:
 1. FOR CURB & GUTTER DETAILS, SEE SHT. JO1.
 2. SIDE SLOPES ARE SHOWN AS VERTICAL TO HORIZONTAL.

No.	Revision/Issue	Date



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42ND STREET OVERLAY
IP TO MARCOLA ROAD



EXPIRES: 06/30/24

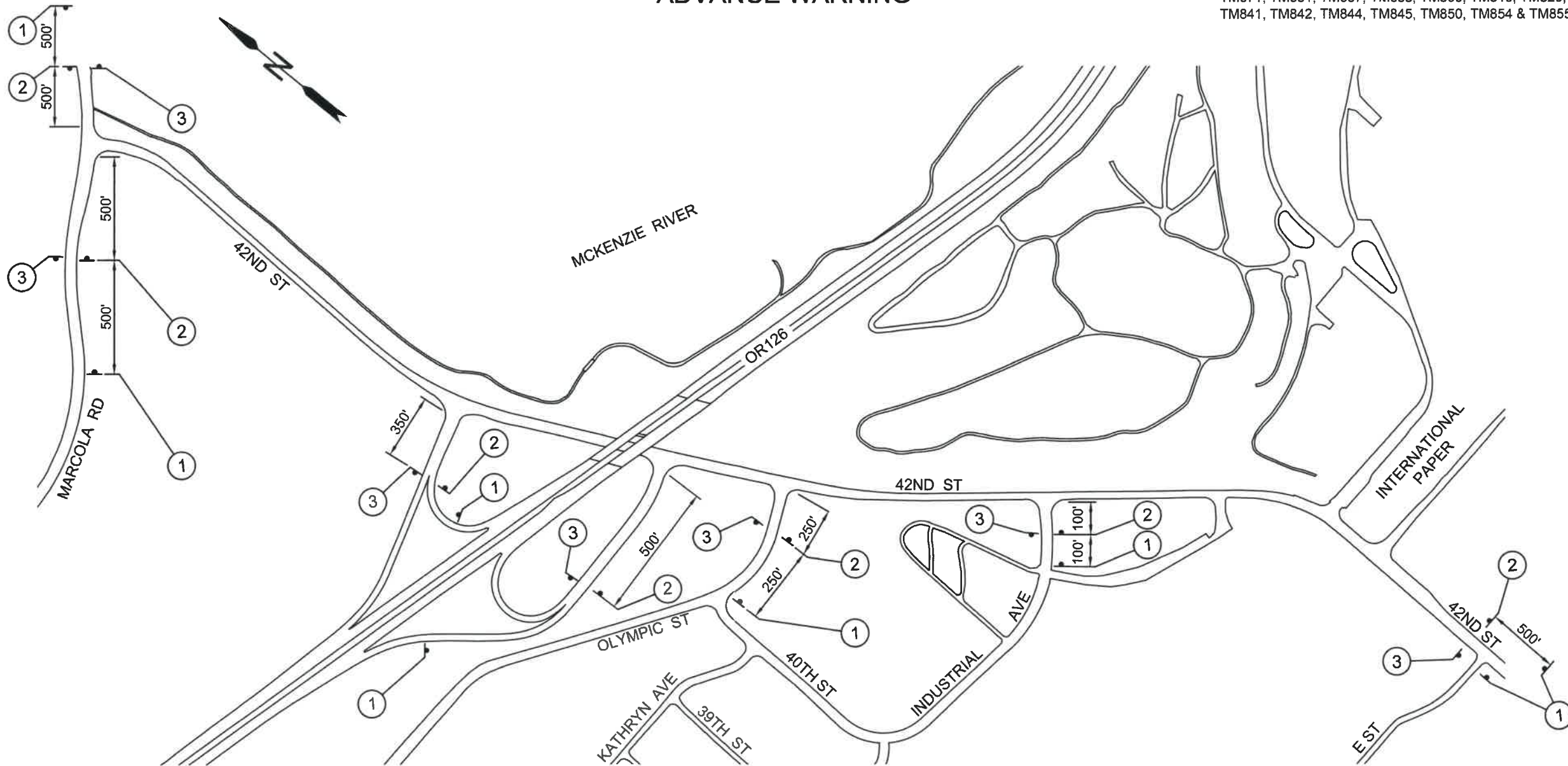
TYPICAL SECTIONS

SCALE: 1" = 5'
 DRAWN BY: R. DUERST
 DESIGNED BY: N. SCHREMSE
 CHECKED BY: J. GALEAZZI

SHEET
B09
 OF
99

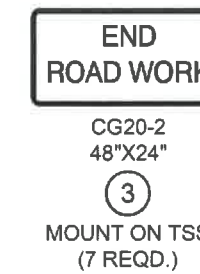
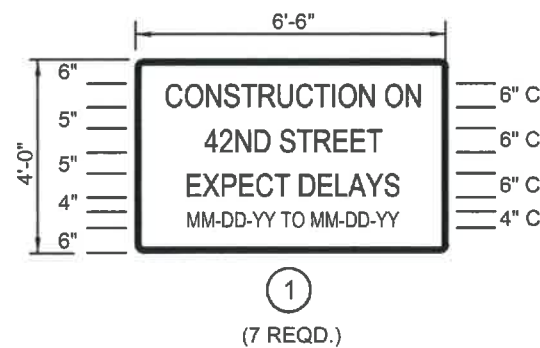
ADVANCE WARNING

TO BE ACCOMPANIED BY DWG. NOS. TM200, TM204, TM670, TM671, TM681, TM687, TM688, TM800, TM810, TM820, TM821, TM841, TM842, TM844, TM845, TM850, TM854 & TM855.



GENERAL NOTES (ALL STAGES):

1. PROVIDE 11' MIN. TRAVEL LANE AND 4' MIN. TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) AT ALL TIMES.
2. MAINTAIN LOCAL DRIVEWAY ACCESS AT ALL TIMES OR PROVIDE DETOUR AS APPROVED BY THE ENGINEER.
3. MAINTAIN AND PROTECT EXISTING SIGNS. EXISTING GUIDE SIGNS THAT CONFLICT WITH CONSTRUCTION SIGN GUIDANCE SHALL BE COVERED OR REMOVED. UNCOVER AND REINSTALL EXISTING GUIDE SIGNS AS CONFLICTING CONSTRUCTION SIGNAGE IS REMOVED.
4. ADJUSTMENTS TO TEMPORARY TRAFFIC CONTROL DEVICES MAY BE REQUIRED TO ACCOMMODATE EXISTING FIELD CONDITIONS. LOCATIONS FOR ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE APPROVED IN THE FIELD BY THE ENGINEER.
5. ALL SIGNS ARE 48"x48" UNLESS OTHERWISE SHOWN.
6. INSTALL "BE PREPARED TO STOP" AND "FLAGGER" SYMBOL SIGNS IN ADVANCE OF FLAGGERS. LOCATE SIGNS AND FLAGGERS PER DWG. NO. TM855 OR AS DIRECTED.
7. CONTRACTOR TO ENSURE ACCESS TO ALL MAILBOXES WITHIN THE WORK ZONE AT ALL TIMES. INSTALL TEMPORARY MAILBOXES AS NEEDED AND APPROVED BY THE ENGINEER.
8. CONTRACTOR TO DIRECT BICYCLISTS TO SHARED USE PATH AT ALL TIMES.
9. LIMIT WORK TO ONE CORNER AT AN INTERSECTION AT A TIME UNLESS OTHERWISE NOTED.
10. FOR CURB RAMP WORK (STAGE I), INSTALL "RIGHT SHOULDER CLOSED" (W21-5A) ADVANCED SIGNING PER DWG. NO. T841.
11. FOR TPAR, SEE SHT. C27 THRU C29.



No.	Revision/Issue	Date



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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**



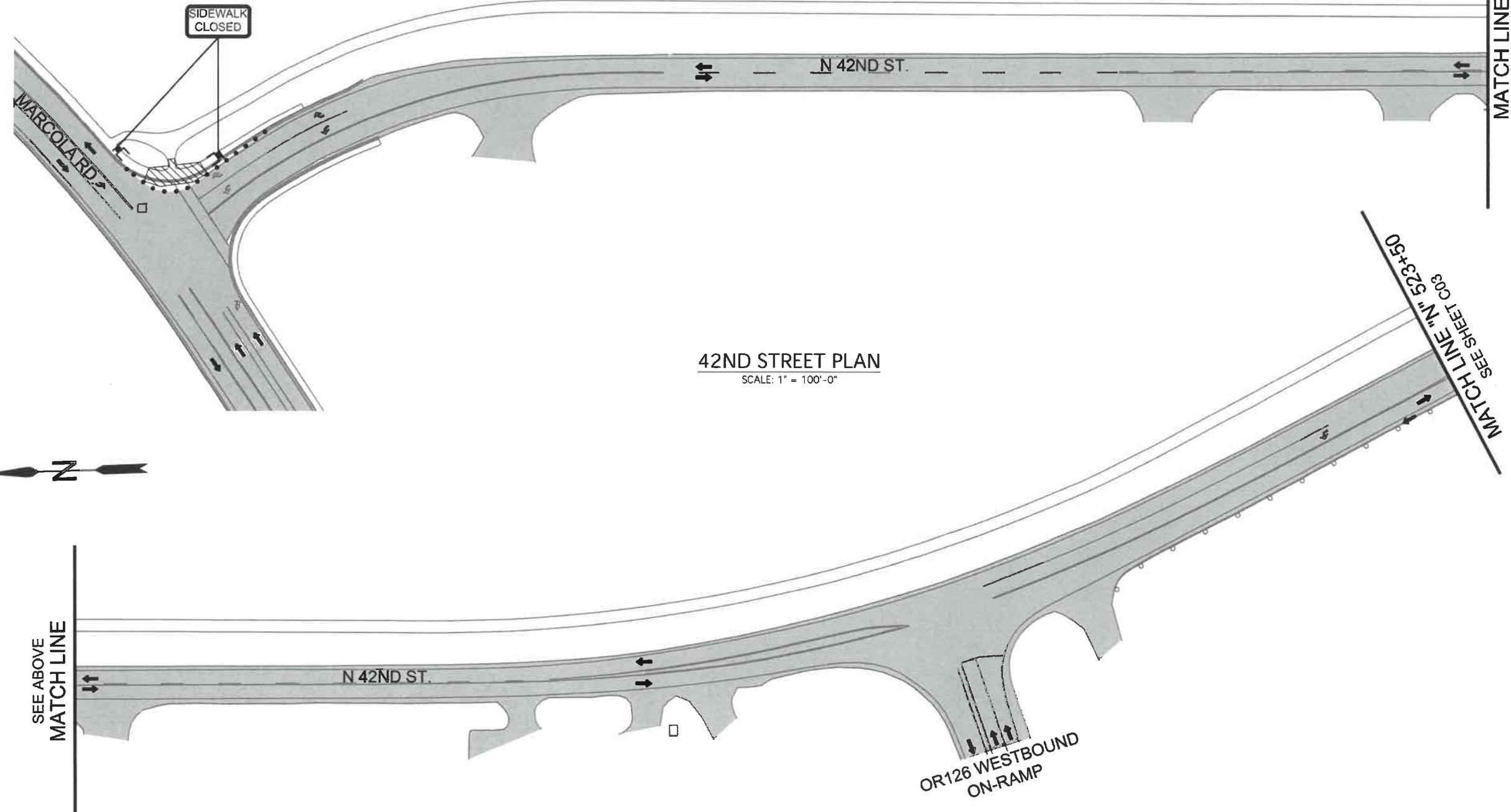
EXPIRES: 06/30/24

ADVANCE WARNING

SCALE: NTS
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C01
OF
99

STAGE I
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"

42ND STREET PLAN
SCALE: 1" = 100'-0"

- STAGE I, PHASE 1 CONSTRUCTION SEQUENCE:**
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS, DEVICES, AND ADVANCE WARNING SIGNS.
 2. INSTALL EROSION CONTROL MEASURES.
 3. INSTALL TPAR DEVICES.
 4. CONSTRUCT ADA CURB RAMPS AT DESIGNATED NORTHBOUND LOCATIONS ON N. 42ND STREET.

- NOTES:**
1. FOR TPAR ROUTES AND DETAILS, SEE SHT. C29
 2. FOR ADVANCED SIGNING DURING CURB RAMP CONSTRUCTION, SEE SHT. C01 NOTE 10
 3. SEE SPECIAL PROVISIONS FOR HOLDOUT LOCATIONS.



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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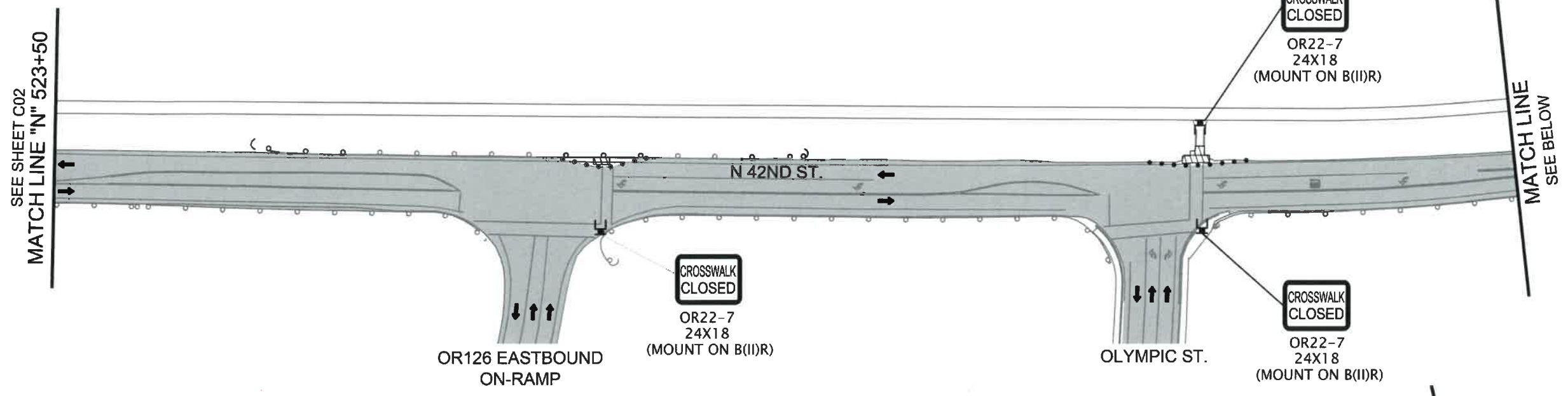
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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

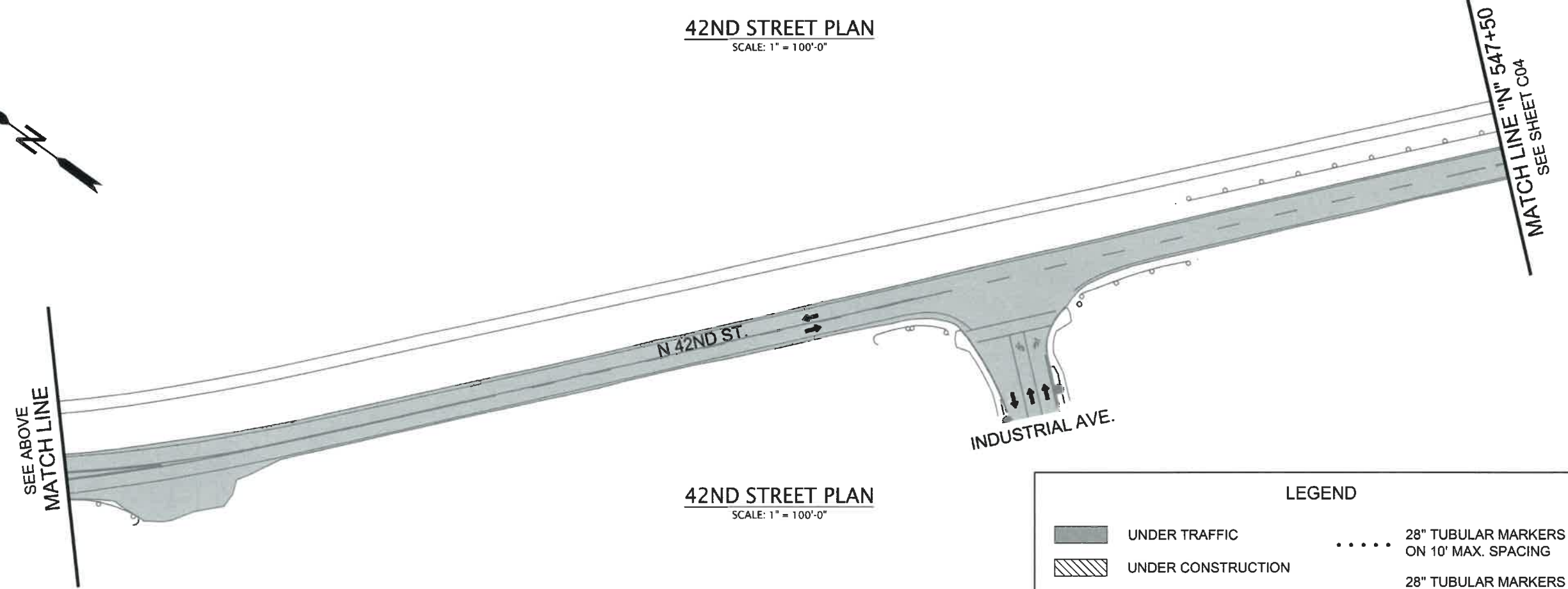


TRAFFIC CONTROL PLAN
SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI
SHEET C02 OF 99

STAGE I
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT) TYPE II

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

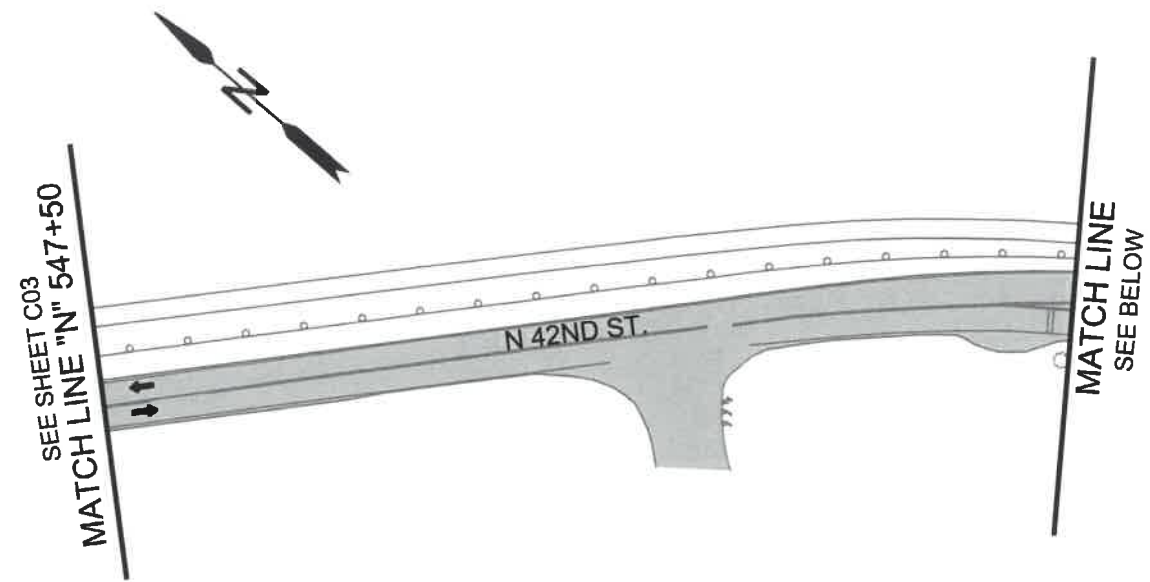


TRAFFIC CONTROL PLAN

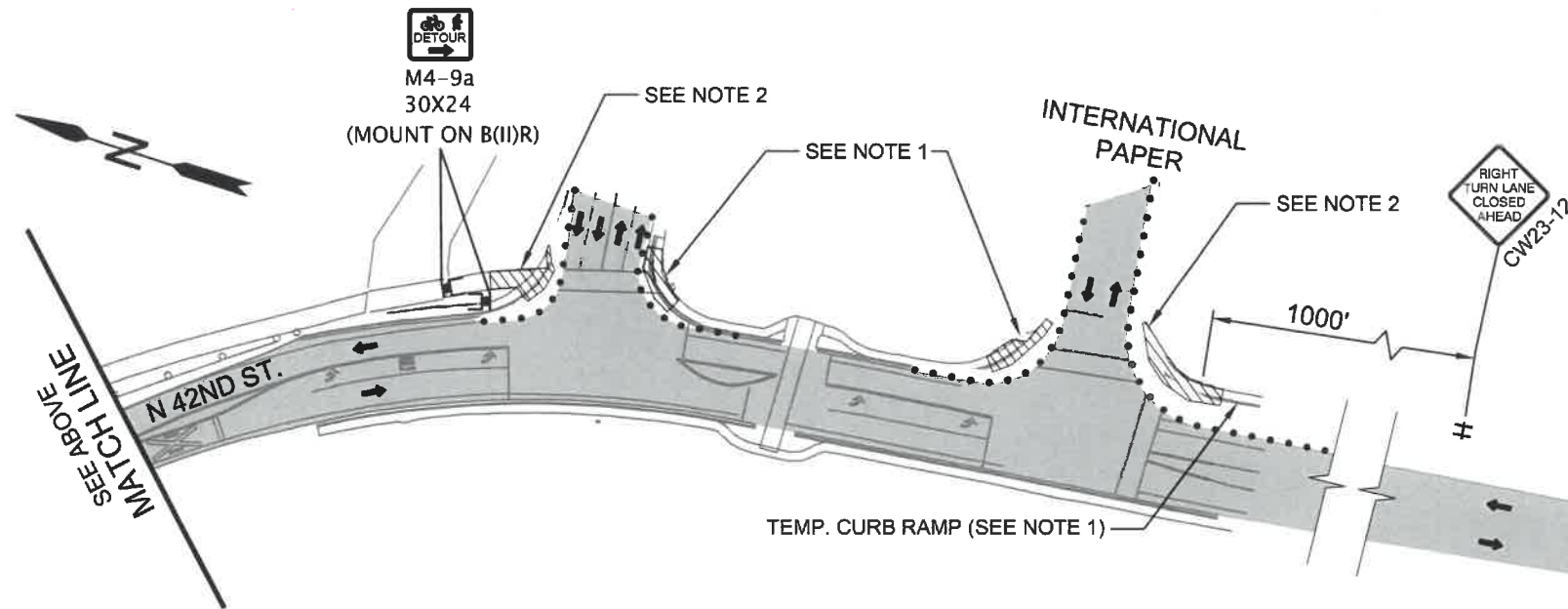
SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
C03
OF
99

STAGE I
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



NOTES:

1. CONSTRUCT OUTSIDE RAMPS AND DETOUR PEDESTRIANS USING A TEMPORARY CURB RAMP (SOUTHEAST CORNER) AND SHIFT THE CROSSWALK ALIGNMENT WITH TEMPORARY TAPE.
2. ONCE THE OUTSIDE RAMPS ARE COMPLETE, CONSTRUCT INSIDE CORNERS AND DETOUR PEDESTRIANS AROUND WORK ZONE USING BIKE LANE, TUBULAR MARKERS, AND TEMPORARY TAPE AT CROSSWALKS. INSTALL "PEDESTRIANS ON ROADWAY" SIGN (CW-11) WHEN DETOURING PEDESTRIANS INTO BIKE LANE.

LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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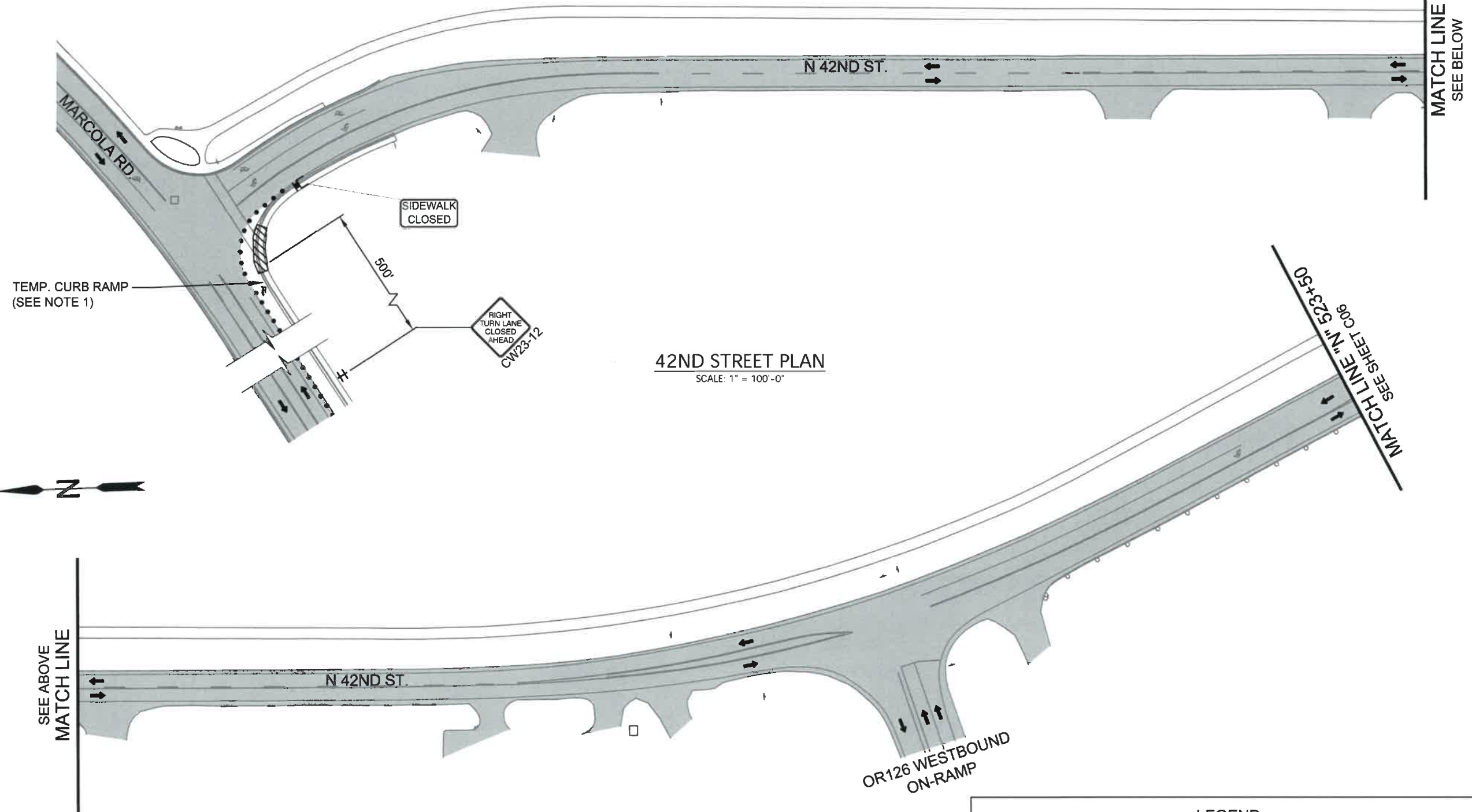
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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



TRAFFIC CONTROL PLAN
SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI
SHEET C04 OF 99

STAGE I
(PHASE 2)



42ND STREET PLAN
SCALE: 1" = 100'-0"

42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

- STAGE I, PHASE 2 CONSTRUCTION SEQUENCE:**
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. INSTALL EROSION CONTROL MEASURES.
 3. INSTALL TPAR DEVICES.
 4. CONSTRUCT ADA CURB RAMPS AT DESIGNATED SOUTHBOUND LOCATIONS ON N. 42ND STREET
- NOTES:**
1. FOR TPAR ROUTES AND DETAILS, SEE SHT. C29
 2. FOR ADVANCED SIGNING DURING CURB RAMP CONSTRUCTION, SEE SHT. C01 NOTE 10
 3. DETOUR PEDESTRIANS ONTO SHARED USE PATH

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



TRAFFIC CONTROL PLAN

SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C05
of
99

STAGE I
(PHASE 2)



SEE SHEET C05
MATCH LINE "N" 523+50

**CROSSWALK
CLOSED**
OR22-7
24X18
(MOUNT ON B(II)R)

MATCH LINE
SEE BELOW

OR126 EASTBOUND
ON-RAMP

OLYMPIC ST.

42ND STREET PLAN
SCALE: 1" = 100'-0"

MATCH LINE "N" 547+50
SEE SHEET C07



SEE ABOVE
MATCH LINE

INDUSTRIAL AVE.

42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT) TYPE II

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



EXPIRES: 06/30/24

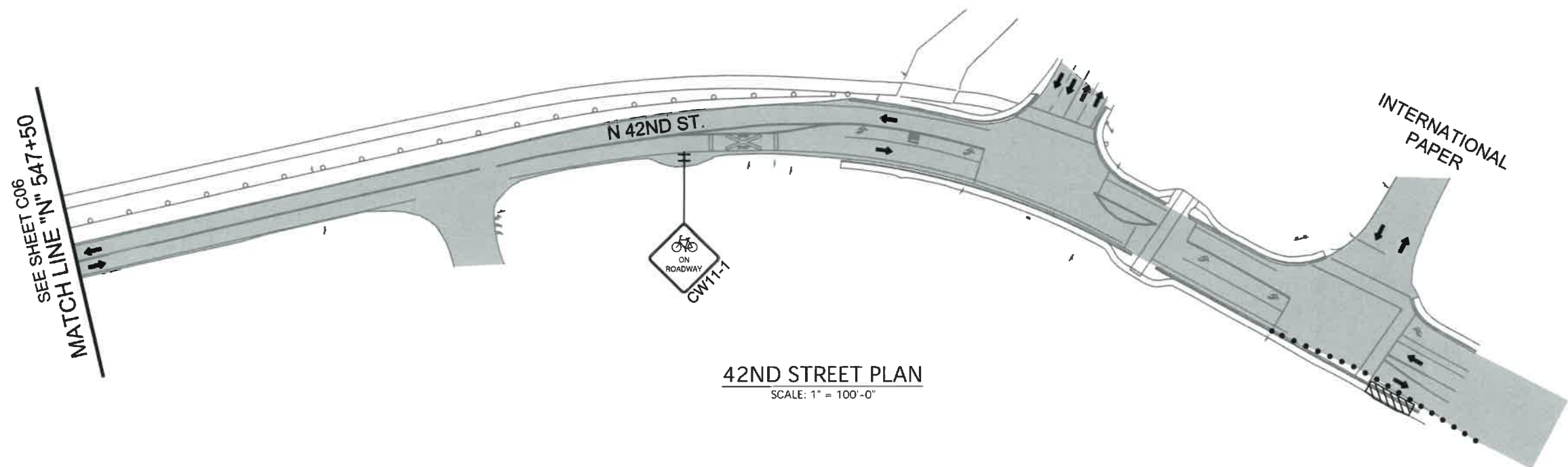
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
C06
OF
99

STAGE I
(PHASE 2)



42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



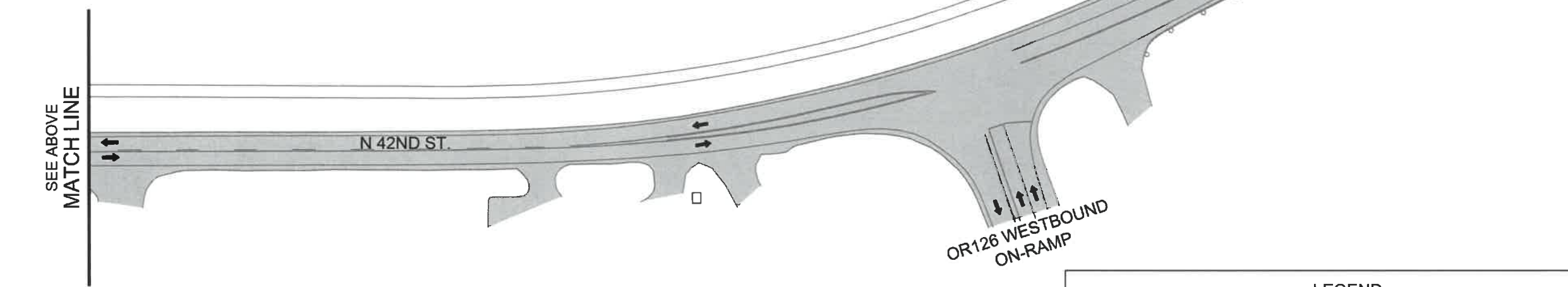
TRAFFIC CONTROL PLAN
SCALE: 1' = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C07
OF
99

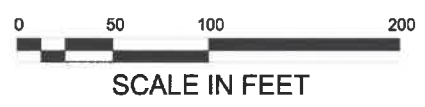
STAGE II
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



- STAGE II, PHASE 1 CONSTRUCTION SEQUENCE:
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. CLOSE SB 42ND STREET BETWEEN IP AND INDUSTRIAL AVENUE.
 3. SHIFT TRAFFIC TO NB TRAVEL LANE USING FLAGGERS.
 4. CONSTRUCT DESIGNATED FULL DEPTH SECTIONS.
 5. PAVE ACP THROUGH WEARING COURSE.

NOTE:
INCLUDE "WAIT FOR FLAGGER" (CR4-23) SIGN MOUNTED ON TYPE II BARRICADE LOCATED 50' BEFORE EACH FLAGGER UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date

811

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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

City of Springfield

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REGISTERED PROFESSIONAL
ENGINEER
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2024.03.07
Digitally Signed 16:14:30-08'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

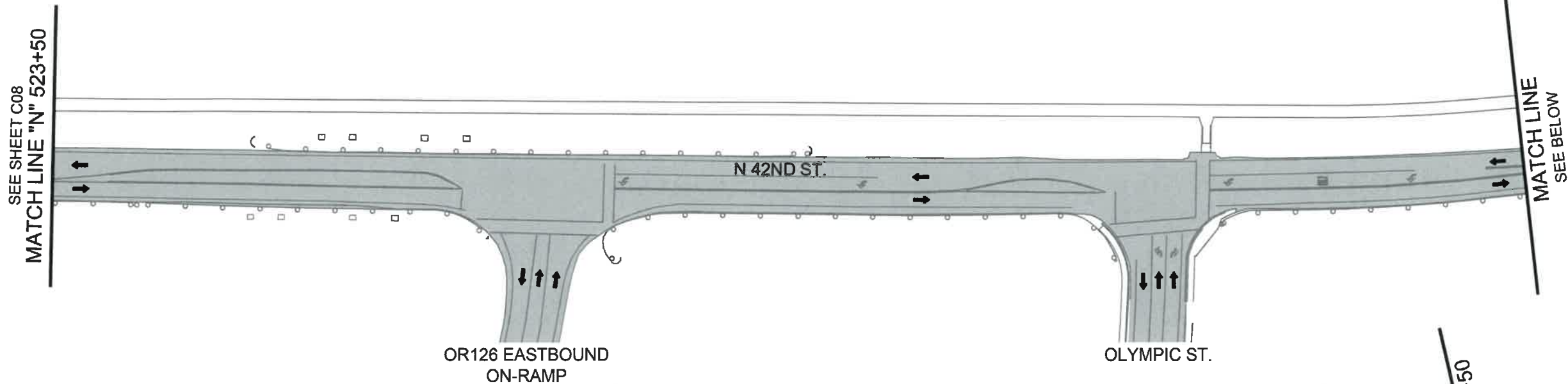
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

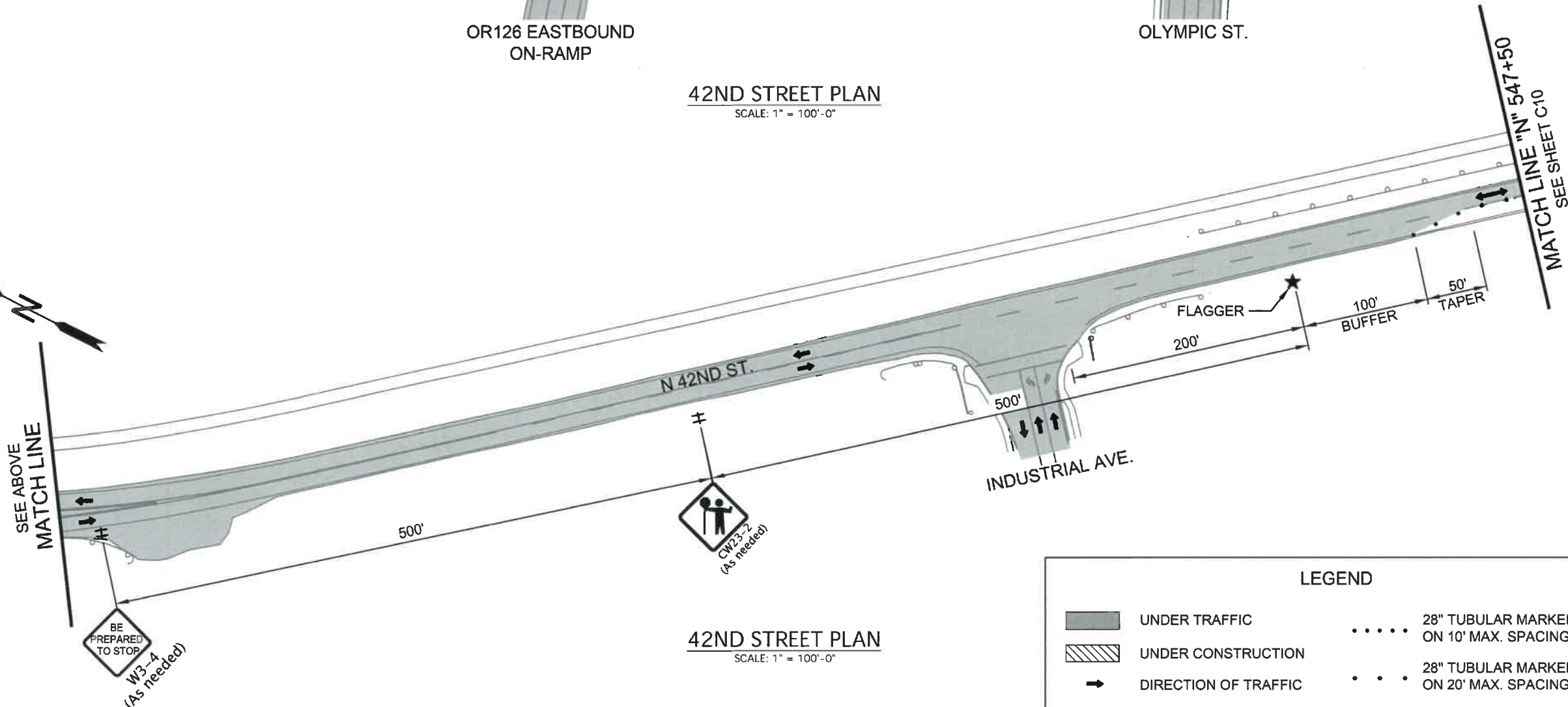
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C08
OF
99

STAGE II
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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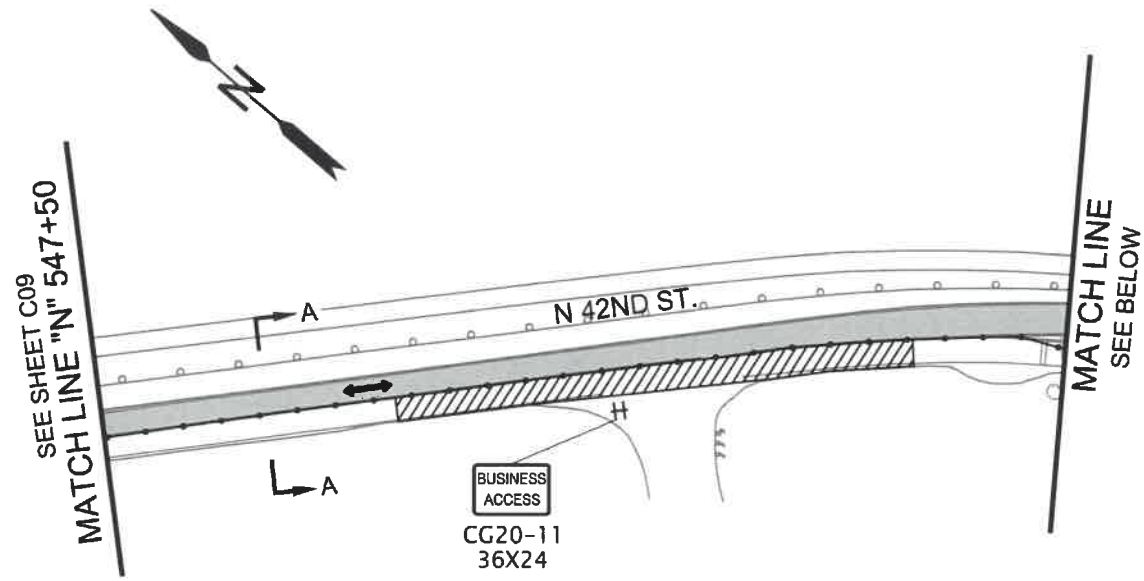
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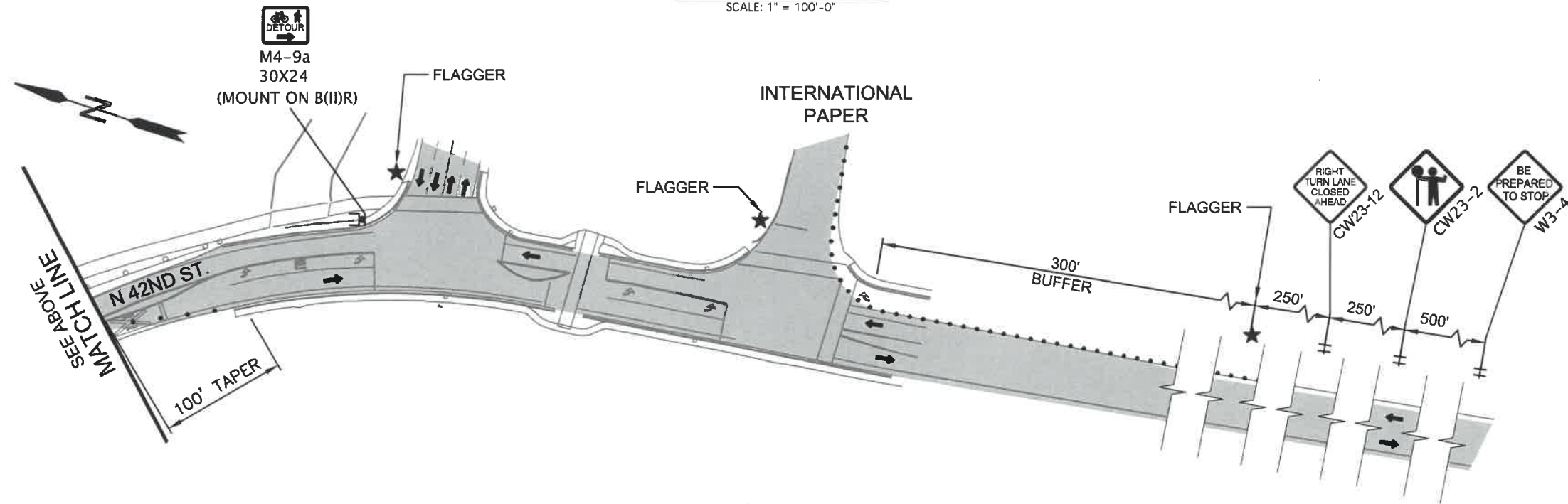


TRAFFIC CONTROL PLAN		SHEET C09 of 99
SCALE: 1" = 100'		
DRAWN BY: R. DUERST	CHECKED BY: J. GALEAZZI	
DESIGNED BY: N. SCHREMSE		

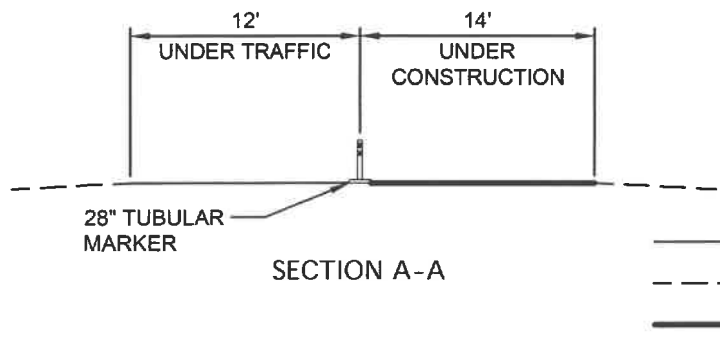
STAGE II
(PHASE 1)



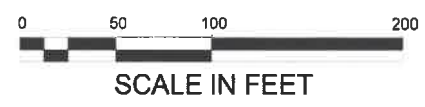
42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



— UNDER TRAFFIC
- - - EXISTING GROUND
= UNDER CONSTRUCTION



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

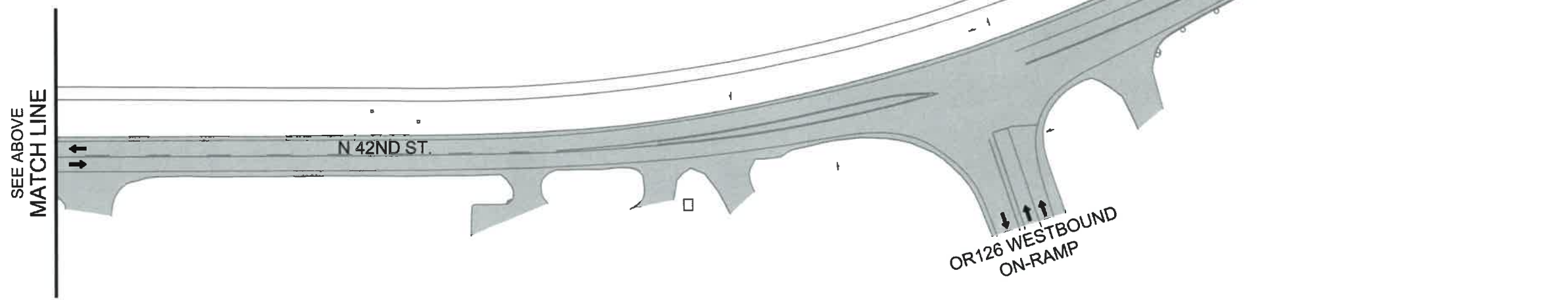
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C10
OF
99

STAGE II
(PHASE 2)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"

- STAGE II, PHASE 2 CONSTRUCTION SEQUENCE:
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. CLOSE NB 42ND STREET BETWEEN IP AND OLYMPIC STREET.
 3. SHIFT TRAFFIC TO SB TRAVEL LANE USING FLAGGERS.
 4. CONSTRUCT DESIGNATED FULL DEPTH SECTIONS.
 5. PAVE ACP THROUGH WEARING COURSE.

NOTE:
INCLUDE "WAIT FOR FLAGGER" (CR4-23) SIGN MOUNTED ON TYPE II BARRICADE LOCATED 50' BEFORE EACH FLAGGER UNLESS OTHERWISE APPROVED BY THE ENGINEER.



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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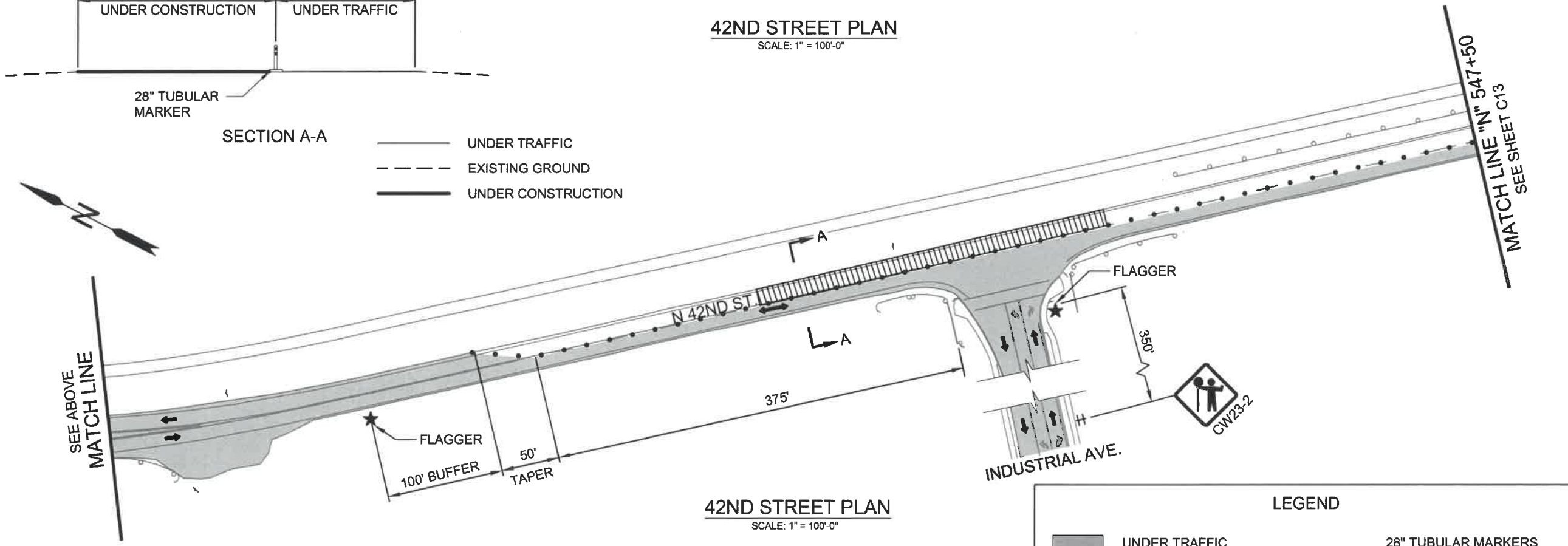
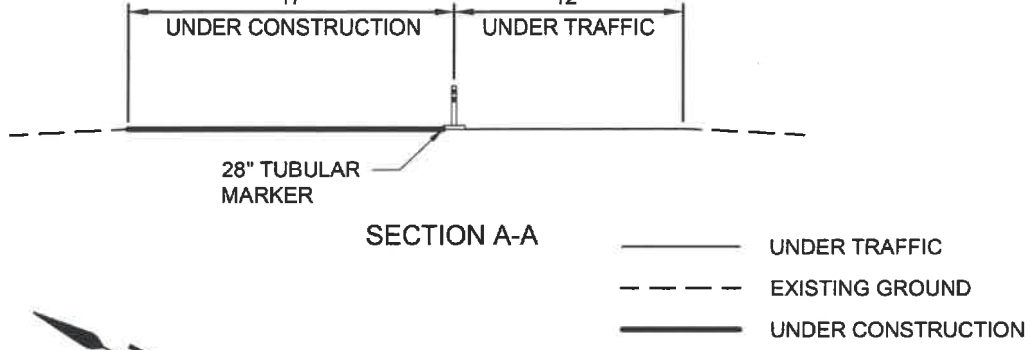
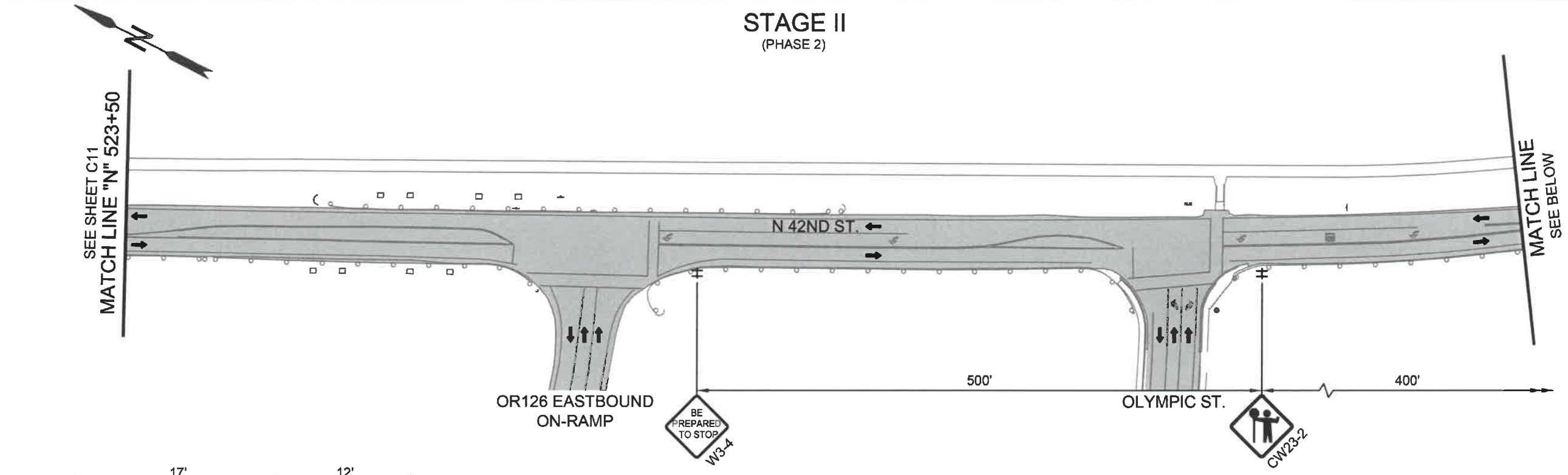
Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



TRAFFIC CONTROL PLAN
SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C11
OF
99

STAGE II
(PHASE 2)



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		



No.	Revision/Issue	Date



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OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

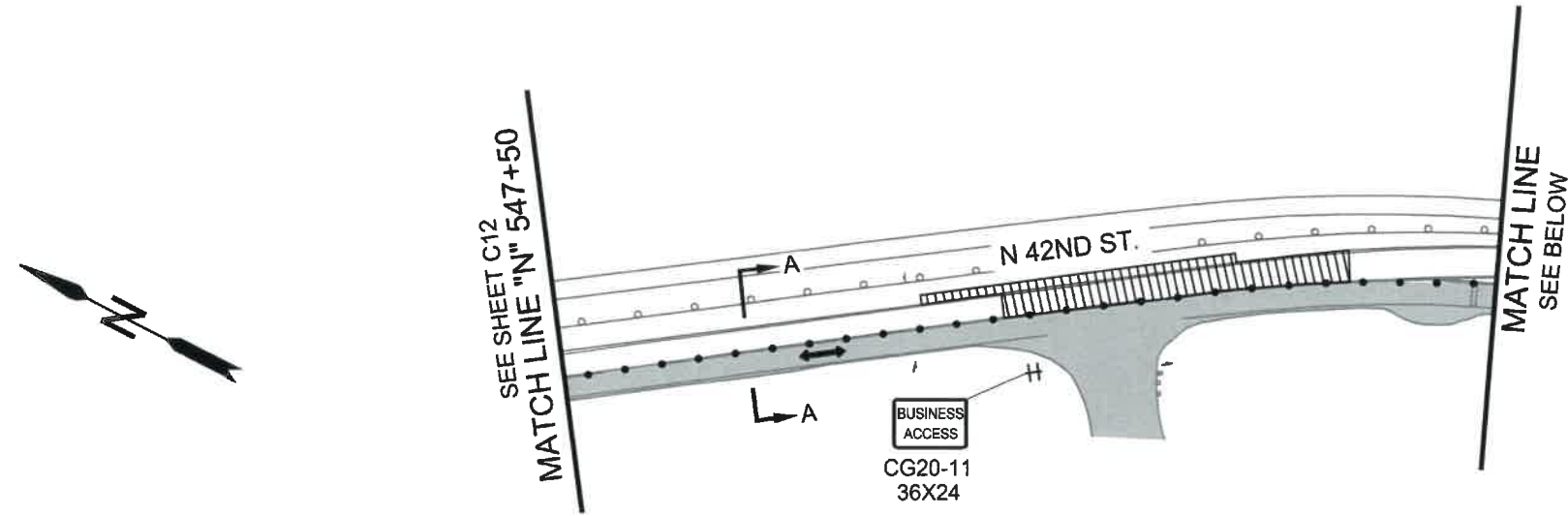
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

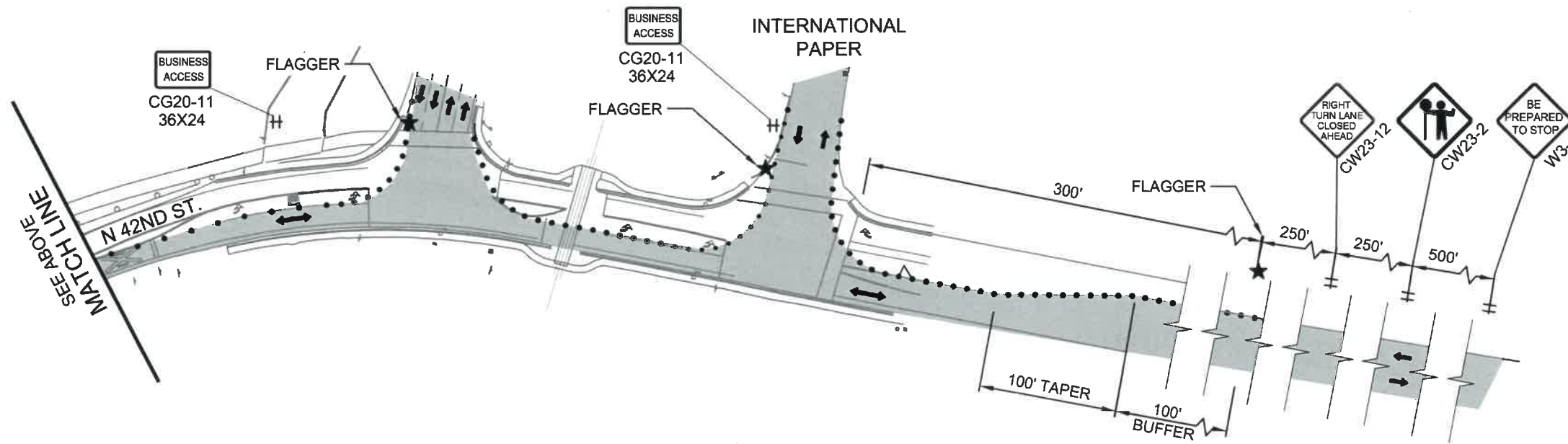
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C12
OF
99

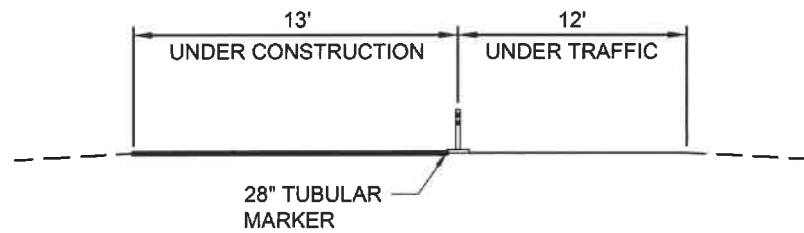
STAGE II
(PHASE 2)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



SECTION A-A

- UNDER TRAFFIC
- - - EXISTING GROUND
- UNDER CONSTRUCTION



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

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42ND STREET OVERLAY
IP TO MARCOLA ROAD



EXPIRES: 06/30/24

TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

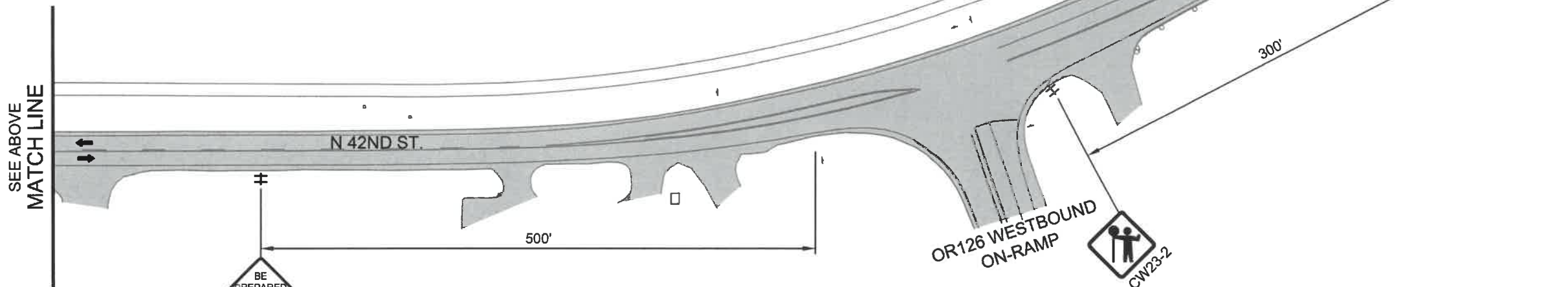
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
C13
OF
99

STAGE II
(PHASE 3)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"

- STAGE II, PHASE 2 CONSTRUCTION SEQUENCE:**
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. CLOSE SB 42ND STREET BETWEEN I-126 CONN. NO. 1 AND INDUSTRIAL DRIVE.
 3. SHIFT TRAFFIC TO NB TRAVEL LANE USING FLAGGERS.
 4. CONSTRUCT DESIGNATED FULL DEPTH SECTIONS.
 5. PAVE ACP THROUGH WEARING COURSE.

NOTE:
INCLUDE "WAIT FOR FLAGGER" (CR4-23) SIGN MOUNTED ON TYPE II BARRICADE LOCATED 50' BEFORE EACH FLAGGER UNLESS OTHERWISE APPROVED BY THE ENGINEER.



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



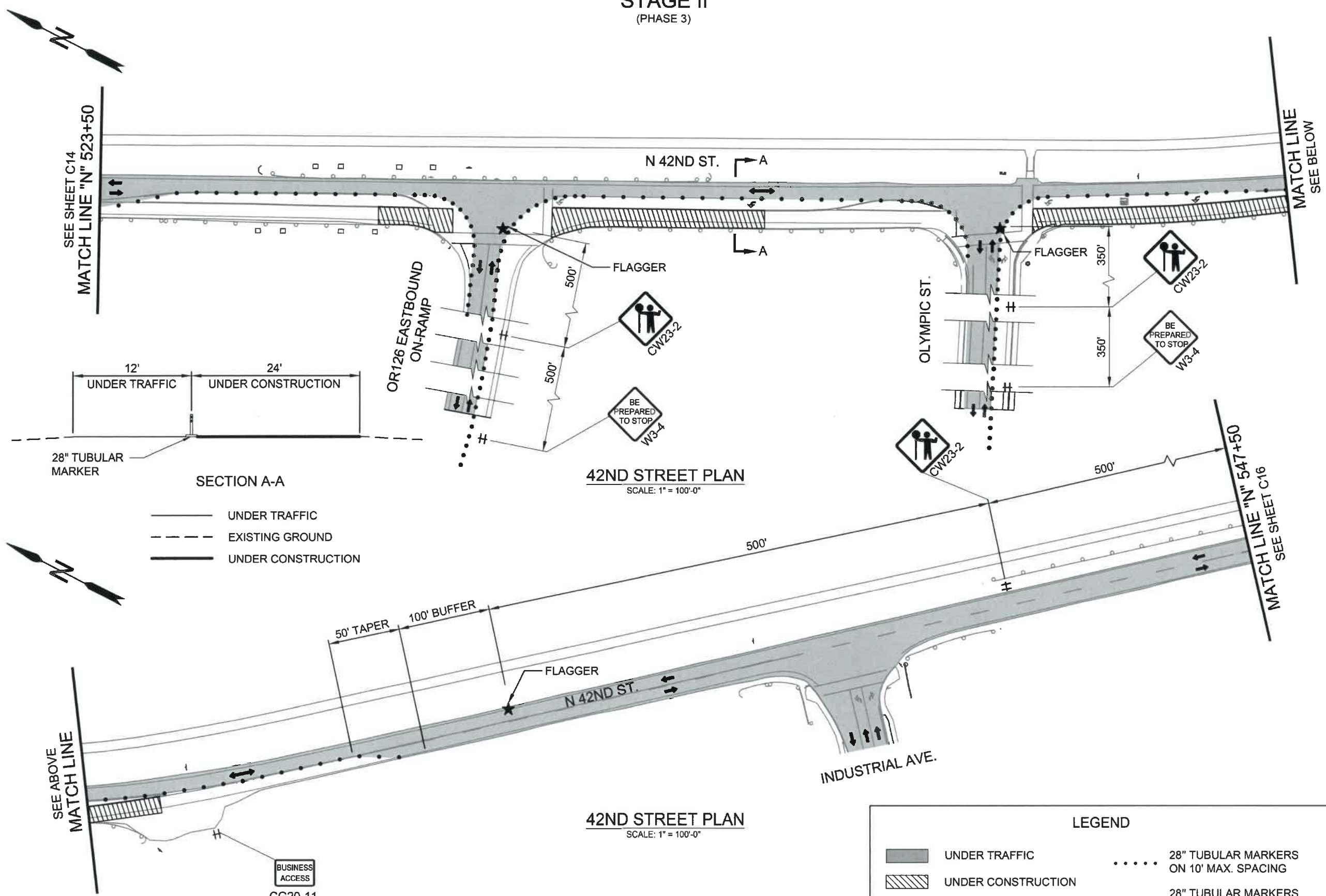
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEMER
CHECKED BY: J. GALEAZZI

SHEET
C14
OF
99

STAGE II
(PHASE 3)



SEE SHEET C14
MATCH LINE "N" 523+50

MATCH LINE
SEE BELOW



SECTION A-A

- UNDER TRAFFIC
- - - EXISTING GROUND
- UNDER CONSTRUCTION

42ND STREET PLAN
SCALE: 1" = 100'-0"

42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND	
	UNDER TRAFFIC
	UNDER CONSTRUCTION
	DIRECTION OF TRAFFIC
	TEMP. BARRICADE TYPE III
	SIGN ON TEMP. BARRICADE TYPE II
	28" TUBULAR MARKERS ON 10' MAX. SPACING
	28" TUBULAR MARKERS ON 20' MAX. SPACING
	FLAGGER LOCATION
	TSS (TEMP. SIGN SUPPORT)

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



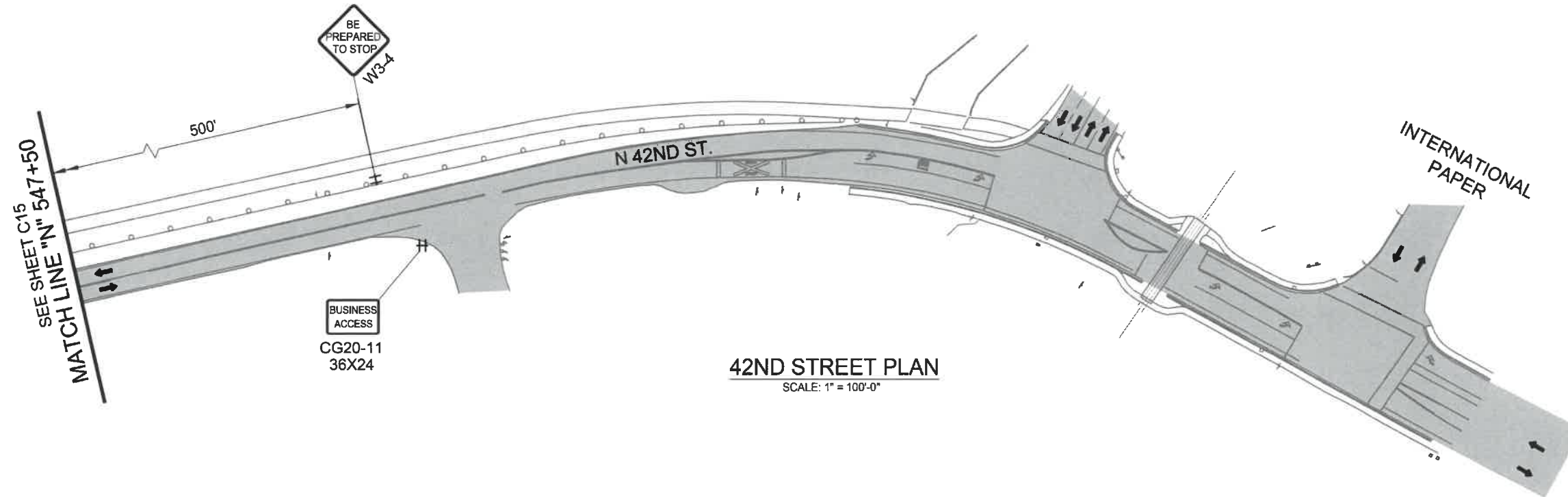
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
C15
of
99

STAGE II
(PHASE 3)



42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND			
	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT) TYPE II

No.	Revision/Issue	Date



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2024.03.07
Digitally Signed 16:22:13-08'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

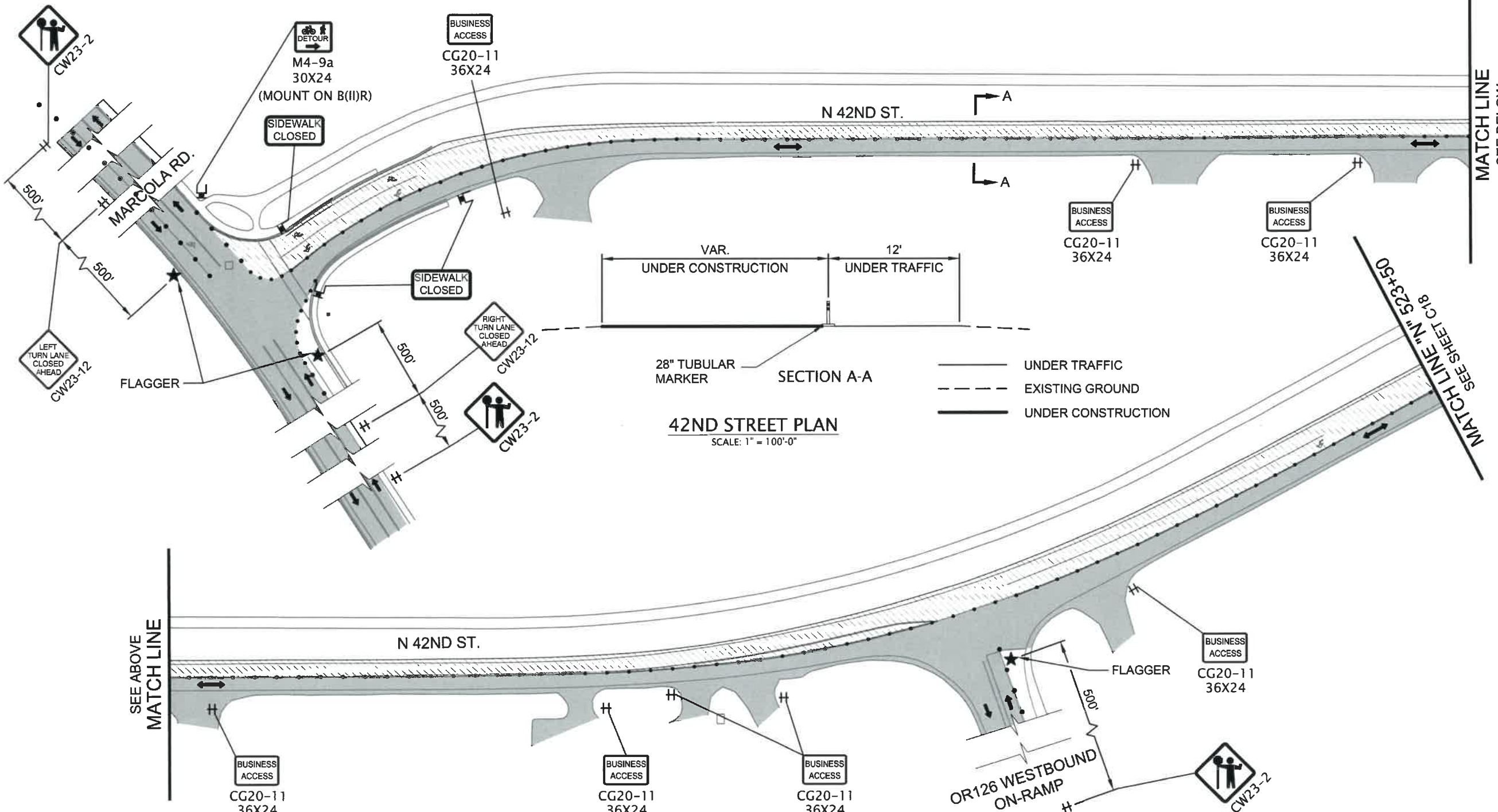
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET **C16** OF **99**

STAGE III
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"

42ND STREET PLAN
SCALE: 1" = 100'-0"

- STAGE III, PHASE 1 CONSTRUCTION SEQUENCE:**
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. CLOSE NB 42ND STREET BETWEEN IP AND MARCOLA ROAD.
 3. SHIFT TRAFFIC TO SB TRAVEL LANE USING FLAGGERS.
 4. CONSTRUCT 2 INCH GRIND.
 5. PAVE ACP THROUGH WEARING COURSE.

- NOTES:**
1. INCLUDE "WAIT FOR FLAGGER" (CR4-23) SIGN MOUNTED ON TYPE II BARRICADE LOCATED 50' BEFORE EACH FLAGGER UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 2. INST. "BE PREPARED TO STOP" SIGNS (W3-4) PRIOR TO "CW23-2" SIGNS ALONG MARCOLLA ROAD.
 3. DETOUR PEDESTRIANS AND BICYCLISTS AROUND WORK ZONE USING SHARED USE PATH. USE TEMPORARY TAPE FOR CROSSWALK DELINEATION.



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	DIRECTION OF TRAFFIC		FLAGGER LOCATION
	TEMP. BARRICADE TYPE III		TSS (TEMP. SIGN SUPPORT)
	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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42ND STREET OVERLAY
IP TO MARCOLA ROAD



EXPIRES: 06/30/24

TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

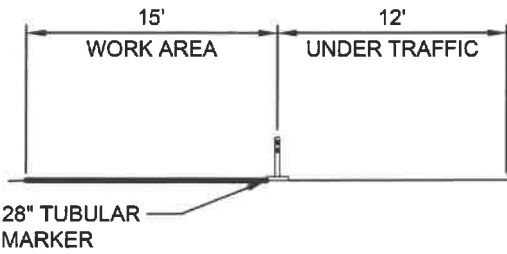
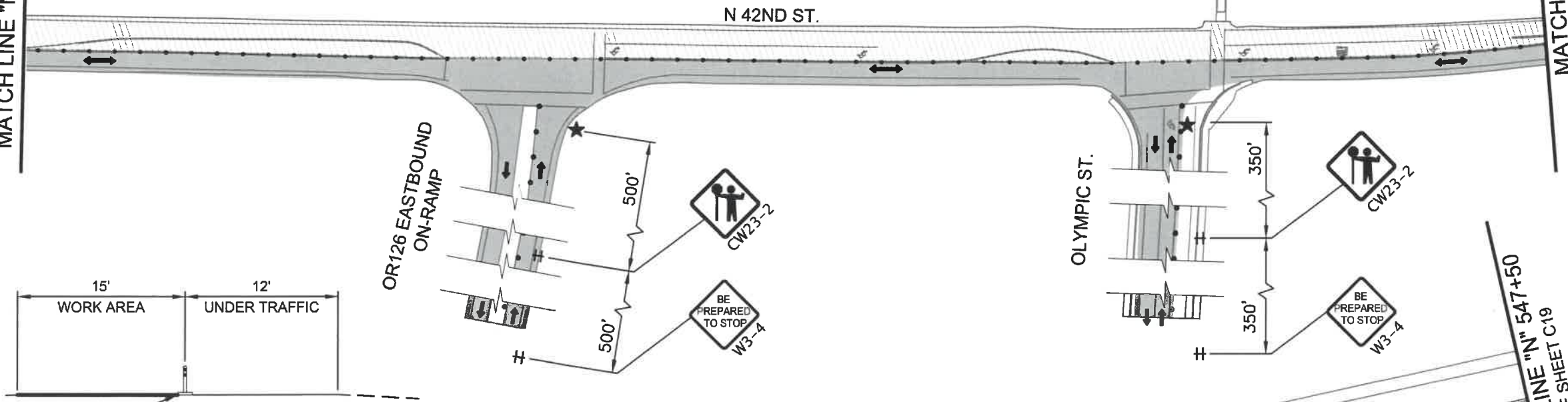
SHEET C17
OF 99

STAGE III
(PHASE 1)



SEE SHEET C17
MATCH LINE "N" 523+50

MATCH LINE
SEE BELOW

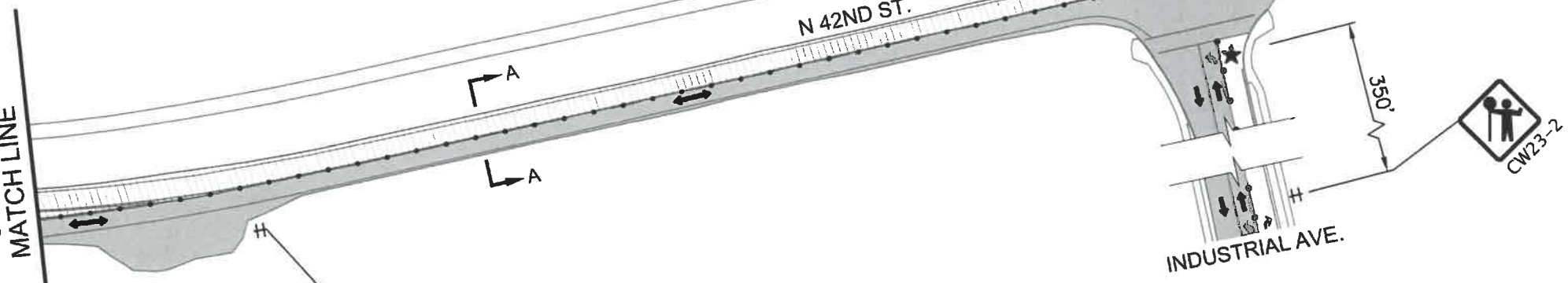


— UNDER TRAFFIC
- - - EXISTING GROUND
▨ UNDER CONSTRUCTION

42ND STREET PLAN
SCALE: 1" = 100'-0"

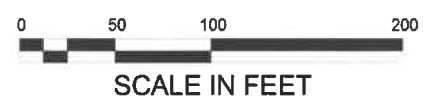
SEE ABOVE
MATCH LINE

MATCH LINE "N" 547+50
SEE SHEET C19



BUSINESS ACCESS
CG20-11
36X24

42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND			
▨	UNDER TRAFFIC	28" TUBULAR MARKERS ON 10' MAX. SPACING
▨	UNDER CONSTRUCTION	28" TUBULAR MARKERS ON 20' MAX. SPACING
→	DIRECTION OF TRAFFIC	★	FLAGGER LOCATION
C	TEMP. BARRICADE TYPE III	±	TSS (TEMP. SIGN SUPPORT)
⌊	SIGN ON TEMP. BARRICADE TYPE II		

No.	Revision/Issue	Date



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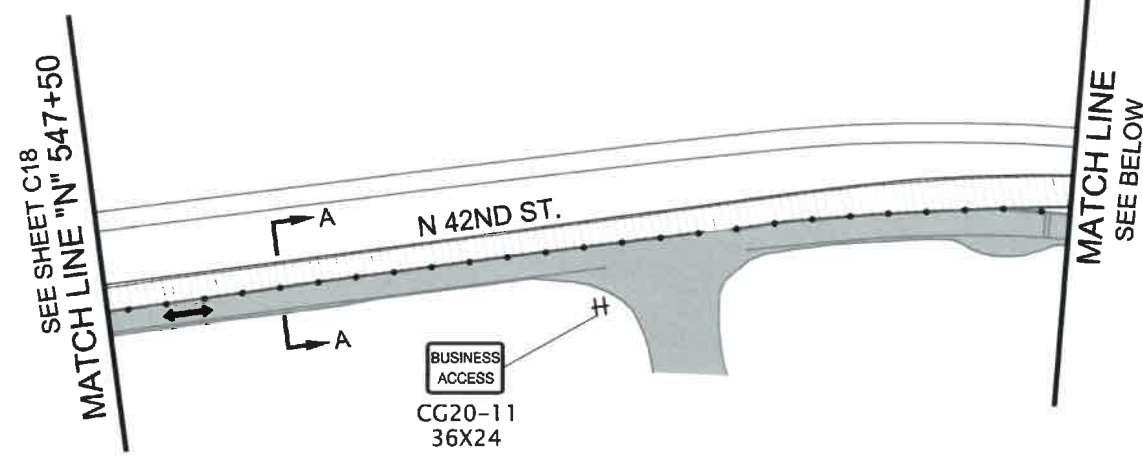
TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

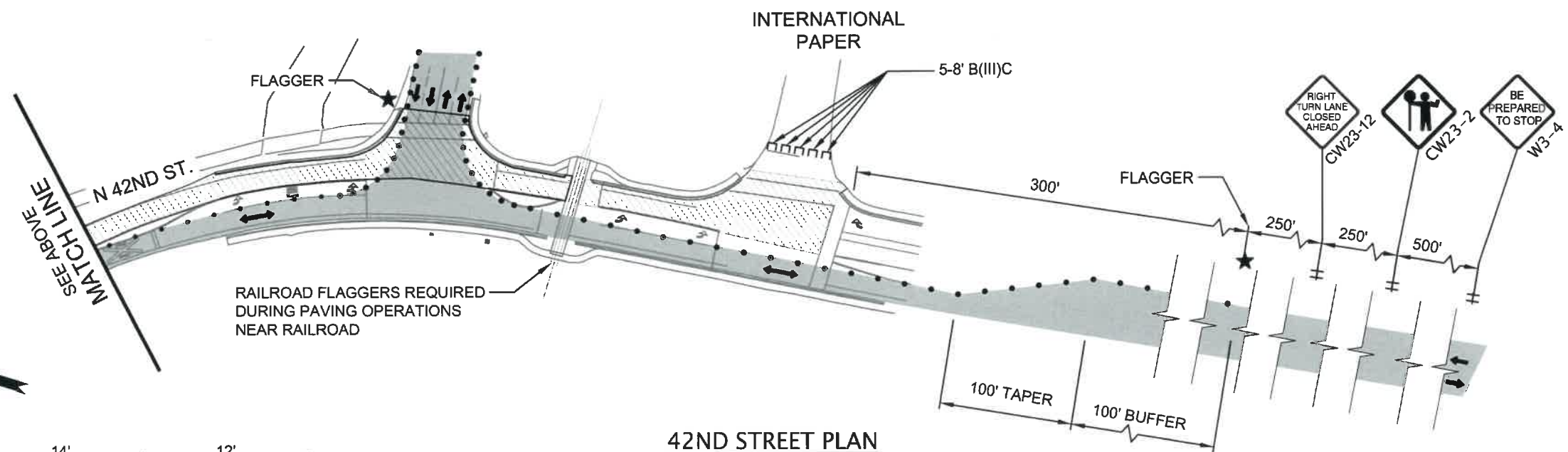
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

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C18
OF
99

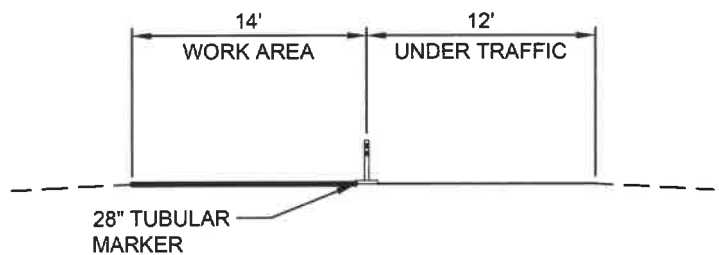
STAGE III
(PHASE 1)



42ND STREET PLAN
SCALE: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



SECTION A-A

- UNDER TRAFFIC
- EXISTING GROUND
- UNDER CONSTRUCTION



SCALE IN FEET

LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	CONSTRUCTION UNDER TRAFFIC		FLAGGER LOCATION
	DIRECTION OF TRAFFIC		TEMP. BARRICADE TYPE III
	TEMP. BARRICADE TYPE III		SIGN ON TEMP. BARRICADE TYPE II
	SIGN ON TEMP. BARRICADE TYPE II		TSS (TEMP. SIGN SUPPORT)

NOTE:
1. RAILROAD FLAGGERS REQUIRED WHEN PAVING NEAR RAILROAD.

No.	Revision/Issue	Date



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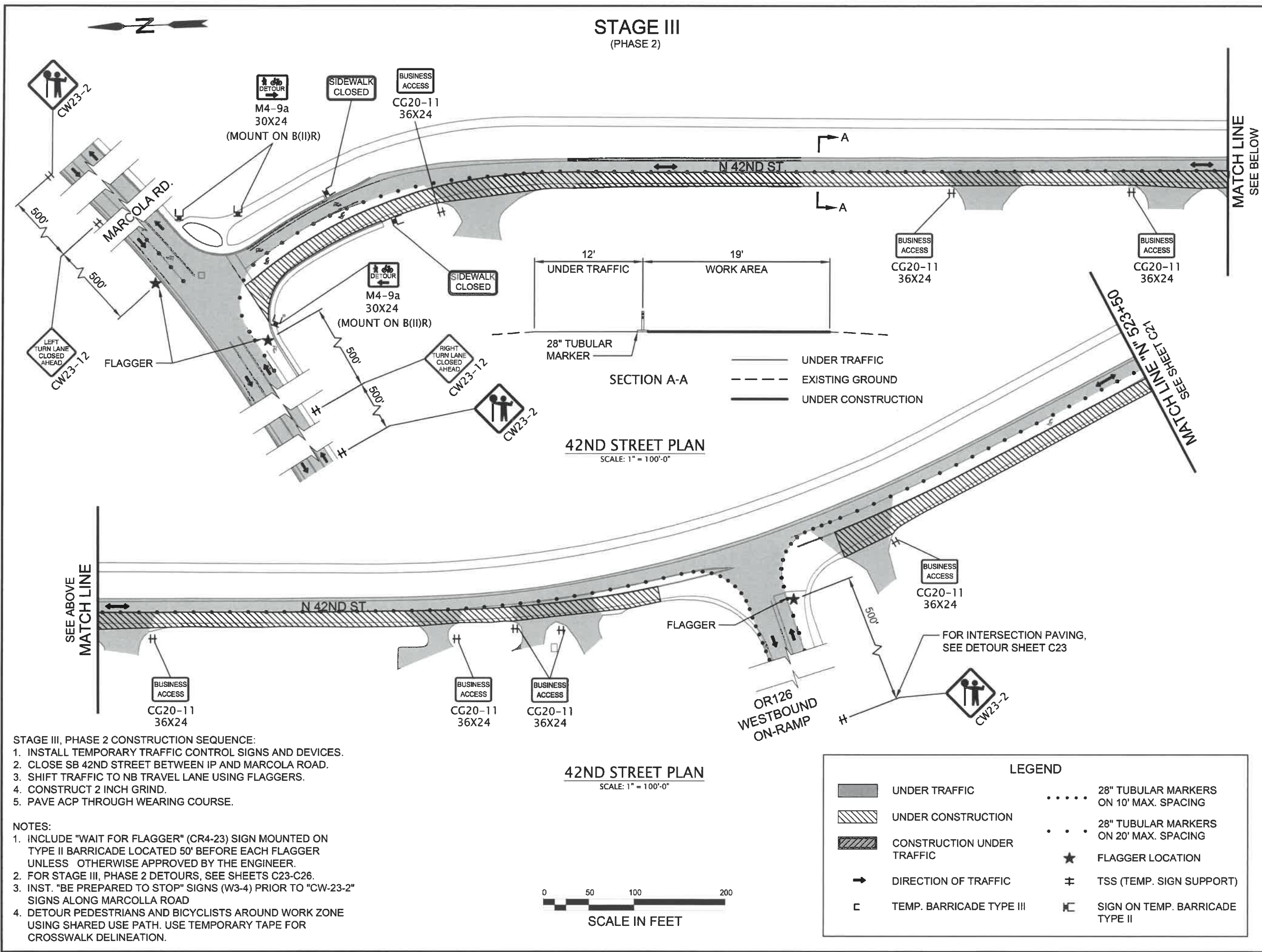
Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



TRAFFIC CONTROL PLAN

SCALE: 1" = 100'
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET C19
OF 99



STAGE III
(PHASE 2)

42ND STREET PLAN
SCALE: 1" = 100'-0"

42ND STREET PLAN
SCALE: 1" = 100'-0"



LEGEND

	UNDER TRAFFIC		28" TUBULAR MARKERS ON 10' MAX. SPACING
	UNDER CONSTRUCTION		28" TUBULAR MARKERS ON 20' MAX. SPACING
	CONSTRUCTION UNDER TRAFFIC		FLAGGER LOCATION
	DIRECTION OF TRAFFIC		TSS (TEMP. SIGN SUPPORT)
	TEMP. BARRICADE TYPE III		SIGN ON TEMP. BARRICADE TYPE II

- STAGE III, PHASE 2 CONSTRUCTION SEQUENCE:**
1. INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 2. CLOSE SB 42ND STREET BETWEEN IP AND MARCOLLA ROAD.
 3. SHIFT TRAFFIC TO NB TRAVEL LANE USING FLAGGERS.
 4. CONSTRUCT 2 INCH GRIND.
 5. PAVE ACP THROUGH WEARING COURSE.

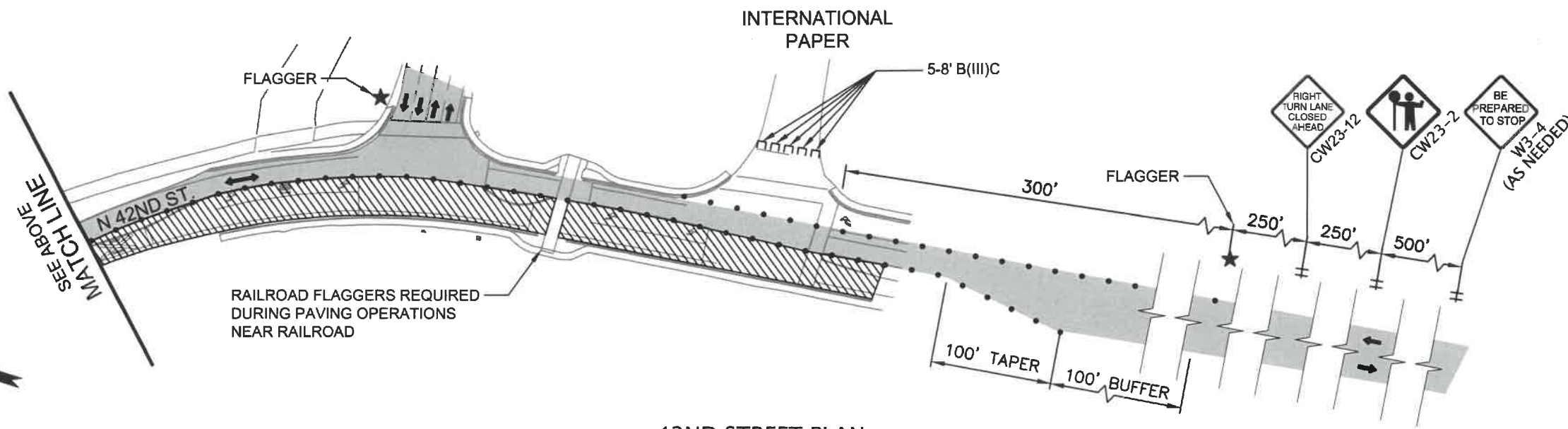
- NOTES:**
1. INCLUDE "WAIT FOR FLAGGER" (CR4-23) SIGN MOUNTED ON TYPE II BARRICADE LOCATED 50' BEFORE EACH FLAGGER UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 2. FOR STAGE III, PHASE 2 DETOURS, SEE SHEETS C23-C26.
 3. INST. "BE PREPARED TO STOP" SIGNS (W3-4) PRIOR TO "CW-23-2" SIGNS ALONG MARCOLLA ROAD
 4. DETOUR PEDESTRIANS AND BICYCLISTS AROUND WORK ZONE USING SHARED USE PATH. USE TEMPORARY TAPE FOR CROSSWALK DELINEATION.

No.	Revision/Issue	Date
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Project P21195 42ND STREET OVERLAY IP TO MARCOLLA ROAD		
TRAFFIC CONTROL PLAN SCALE: 1" = 100' <small>DRAWN BY: R. DUERST DESIGNED BY: N. SCHREMSENER CHECKED BY: J. GALEAZZI</small>		
SHEET C20 OF 99		

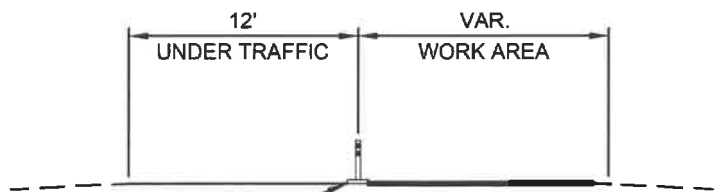
STAGE III
(PHASE 2)



42ND STREET PLAN
Scale: 1" = 100'-0"



42ND STREET PLAN
SCALE: 1" = 100'-0"



SECTION A-A

- UNDER TRAFFIC
- - - - - EXISTING GROUND
- UNDER CONSTRUCTION

NOTE:
1. RAILROAD FLAGGERS REQUIRED WHEN PAVING NEAR RAILROAD.



LEGEND

- UNDER TRAFFIC
- UNDER CONSTRUCTION
- CONSTRUCTION UNDER TRAFFIC
- DIRECTION OF TRAFFIC
- TEMP. BARRICADE TYPE III
- 28" TUBULAR MARKERS ON 10' MAX. SPACING
- 28" TUBULAR MARKERS ON 20' MAX. SPACING
- FLAGGER LOCATION
- TSS (TEMP. SIGN SUPPORT)

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

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REGISTERED PROFESSIONAL ENGINEER
102003PE
2024.03.07
Digitally Signed 16:45:58-08'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

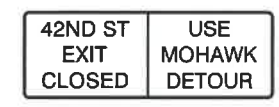
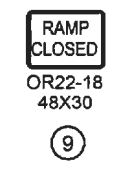
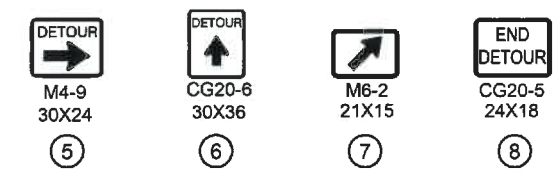
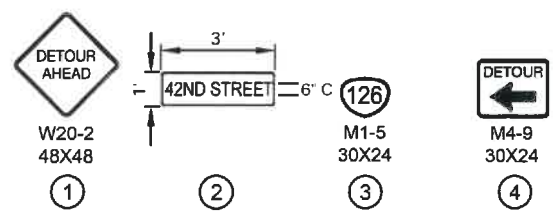
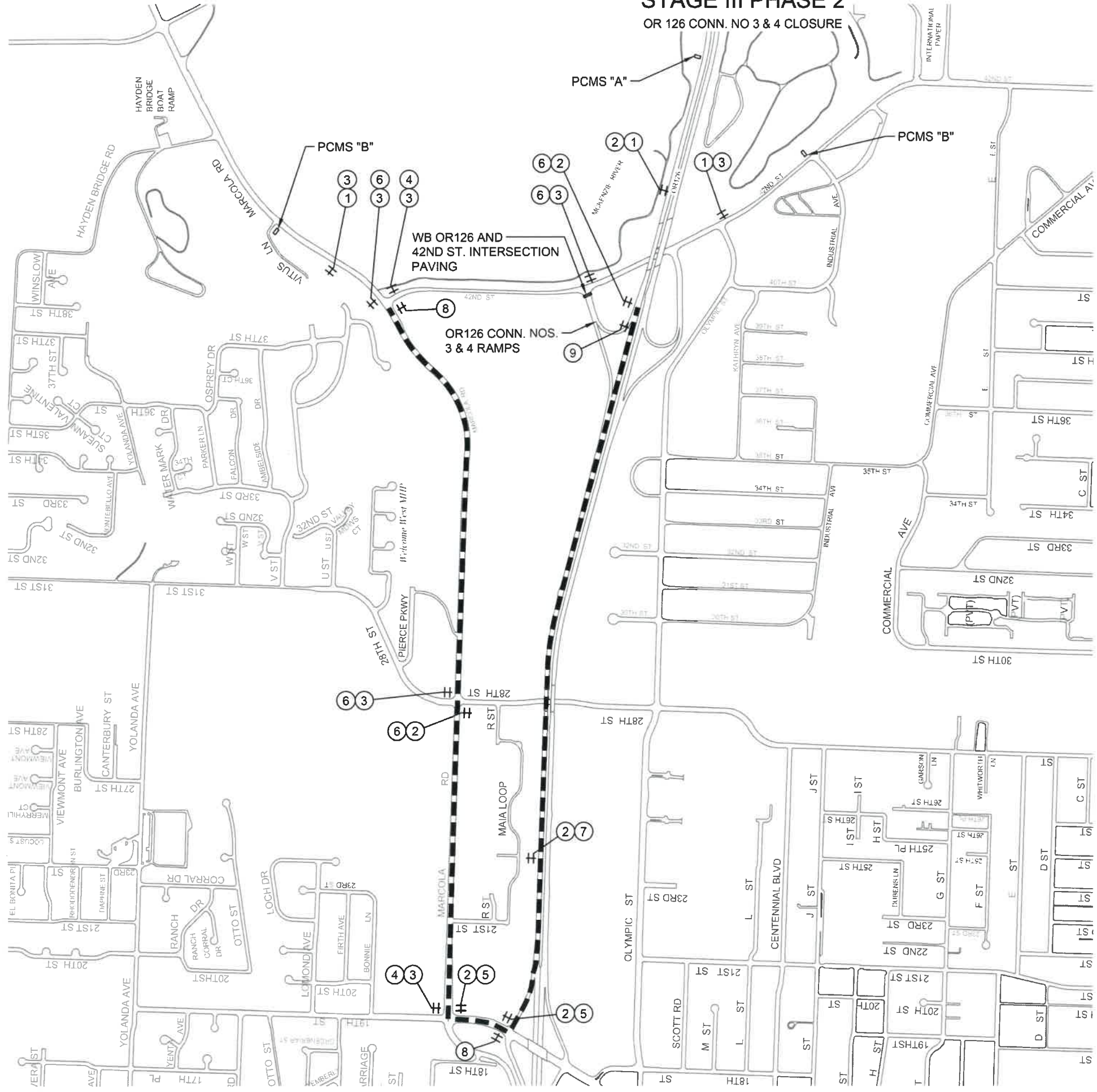
TRAFFIC CONTROL PLAN

SCALE: 1" = 100' SHEET C22 OF 99

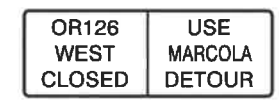
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI



STAGE III PHASE 2 OR 126 CONN. NO 3 & 4 CLOSURE

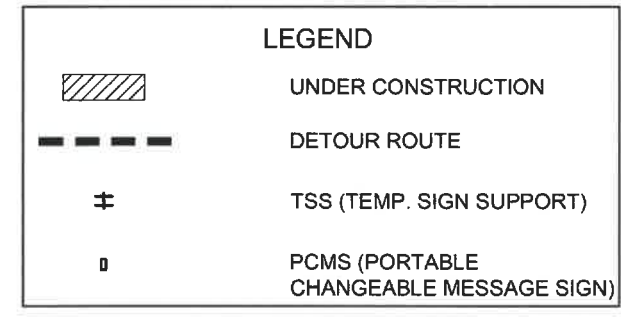


PORTABLE CHANGEABLE MESSAGE SIGN "A" (SUGGESTED MESSAGE) (LOCATE 0.5 MILES PRIOR TO EXIT)



PORTABLE CHANGEABLE MESSAGE SIGN "B" (SUGGESTED MESSAGE) (LOCATE 0.5 MILES PRIOR TO ENTRANCE)

- DETOUR NOTES:
- SEE DWG. NO. TM800 FOR PCMS INSTALLATION DETAILS.
 - CLOSE WB OR126 42ND ST. MARCOLA EXIT AND ENTRANCE RAMPS USING DRUMS ON 20' SPACING AND OR22-18 SIGN MOUNTED ON TSS.
 - CONSTRUCT WB OR126 AND 42ND STREET INTERSECTION SB GRIND AND INLAY DURING DETOUR.



No.	Revision/Issue	Date



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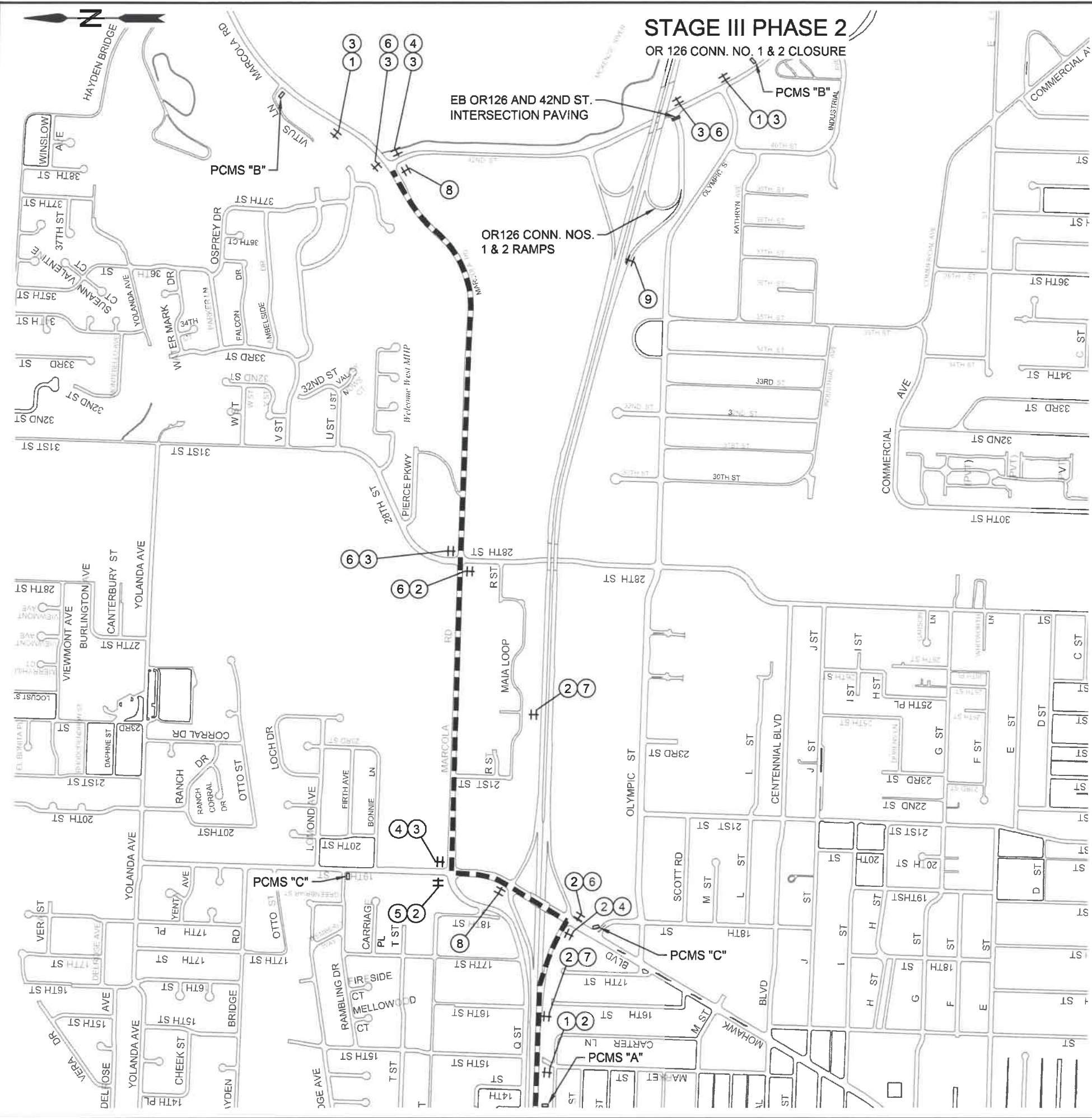
**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**



EXPIRES: 06/30/24

TRAFFIC CONTROL PLAN

SCALE: NTS	SHEET C23 OF 99
DRAWN BY: R. DUERST	CHECKED BY: J. GALEAZZI
DESIGNED BY: N. SCHREMSE	

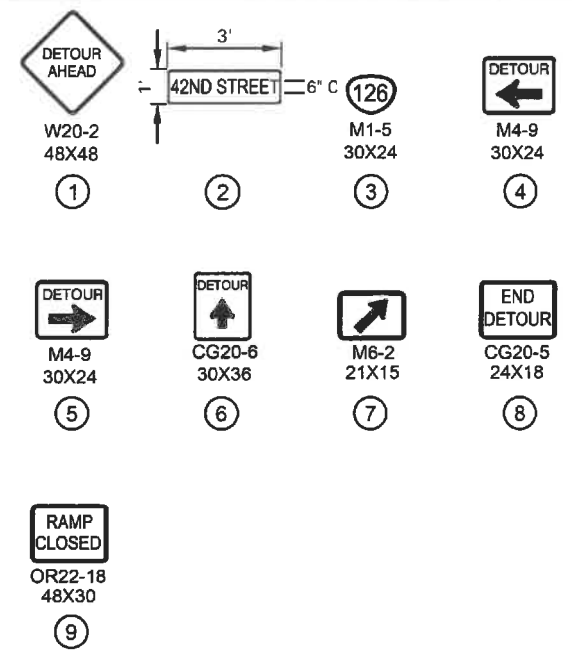


STAGE III PHASE 2

OR 126 CONN. NO. 1 & 2 CLOSURE

EB OR126 AND 42ND ST. INTERSECTION PAVING

OR126 CONN. NOS. 1 & 2 RAMPS



42ND ST EXIT CLOSED
USE MOHAWK DETOUR

PORTABLE CHANGEABLE MESSAGE SIGN "A" (SUGGESTED MESSAGE) (LOCATE 0.5 MILES PRIOR TO EXIT)

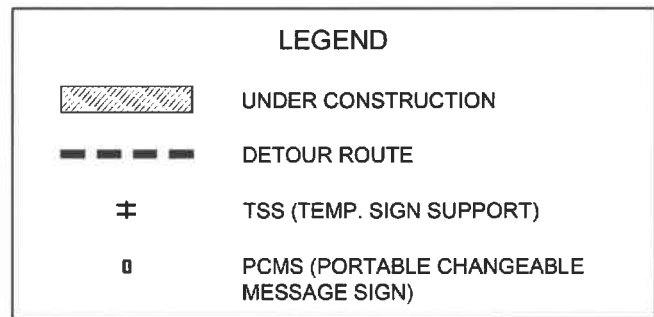
OR126 EAST CLOSED
USE MARCOLA DETOUR

PORTABLE CHANGEABLE MESSAGE SIGN "B" (SUGGESTED MESSAGE) (LOCATE 0.5 MILES PRIOR TO ENTRANCE)

42ND ST EXIT CLOSED
USE MARCOLA DETOUR

PORTABLE CHANGEABLE MESSAGE SIGN "C" (SUGGESTED MESSAGE) (LOCATE AS SHOWN)

- DETOUR NOTES:**
- SEE DWG. NO. TM800 FOR PCMS INSTALLATION DETAILS.
 - CLOSE EB OR126 42ND ST. MARCOLA EXIT AND ENTRANCE RAMPS USING DRUMS ON 20' SPACING AND OR22-18 SIGN MOUNTED ON TSS.
 - CONSTRUCT EB OR126 AND 42ND STREET INTERSECTION SB GRIND AND INLAY DURING DETOUR.

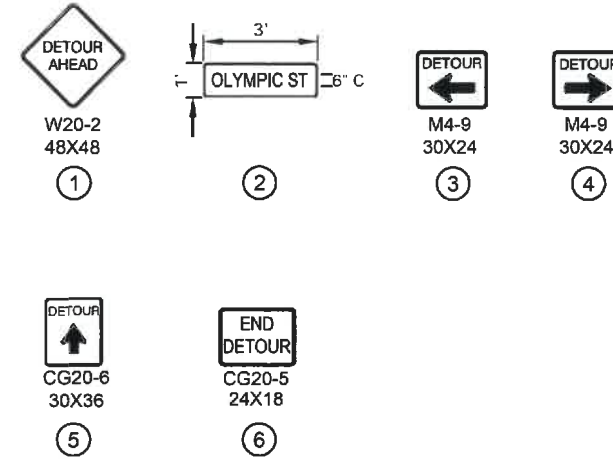
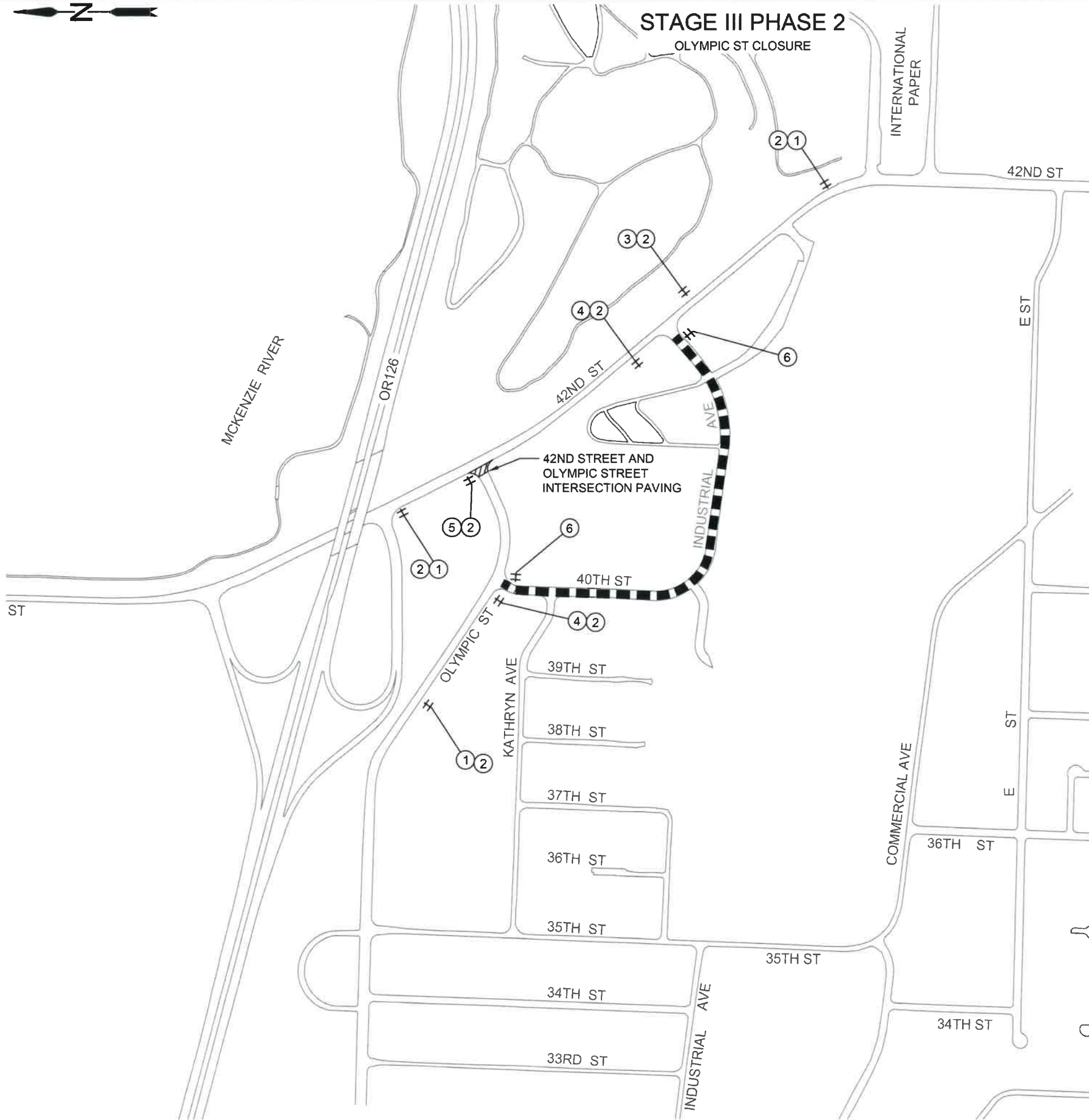


No.	Revision/Issue	Date
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<p>Project P21195 42ND STREET OVERLAY IP TO MARCOLA ROAD</p>		
<p><i>City of Springfield</i></p> <p>PUBLIC WORKS / ENGINEERING 225 FIFTH STREET, SPRINGFIELD, OR 97477 PHONE (541) 726-3753 FAX (541) 726-3689 INTERNET www.springfield-or.gov</p>		
<p>TRAFFIC CONTROL PLAN</p> <p>SCALE: NTS</p> <p>DRAWN BY: R. DUERST DESIGNED BY: N. SCHREMSER CHECKED BY: J. GALEAZZI</p>		
<p>SHEET C24 of 99</p>		



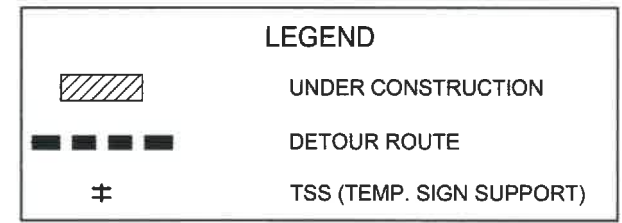
STAGE III PHASE 2

OLYMPIC ST CLOSURE



DETOUR NOTES:

1. SEE DWG. NO. TM800 FOR PCMS INSTALLATION DETAILS.
2. CONSTRUCT 42ND STREET AND OLYMPIC STREET INTERSECTION SB GRIND AND INLAY DURING DETOUR.
3. INSTALL 8" (III)C BARRICADES ACROSS OLYMPIC STREET AS NEEDED AND APPROVED BY THE ENGINEER.



No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

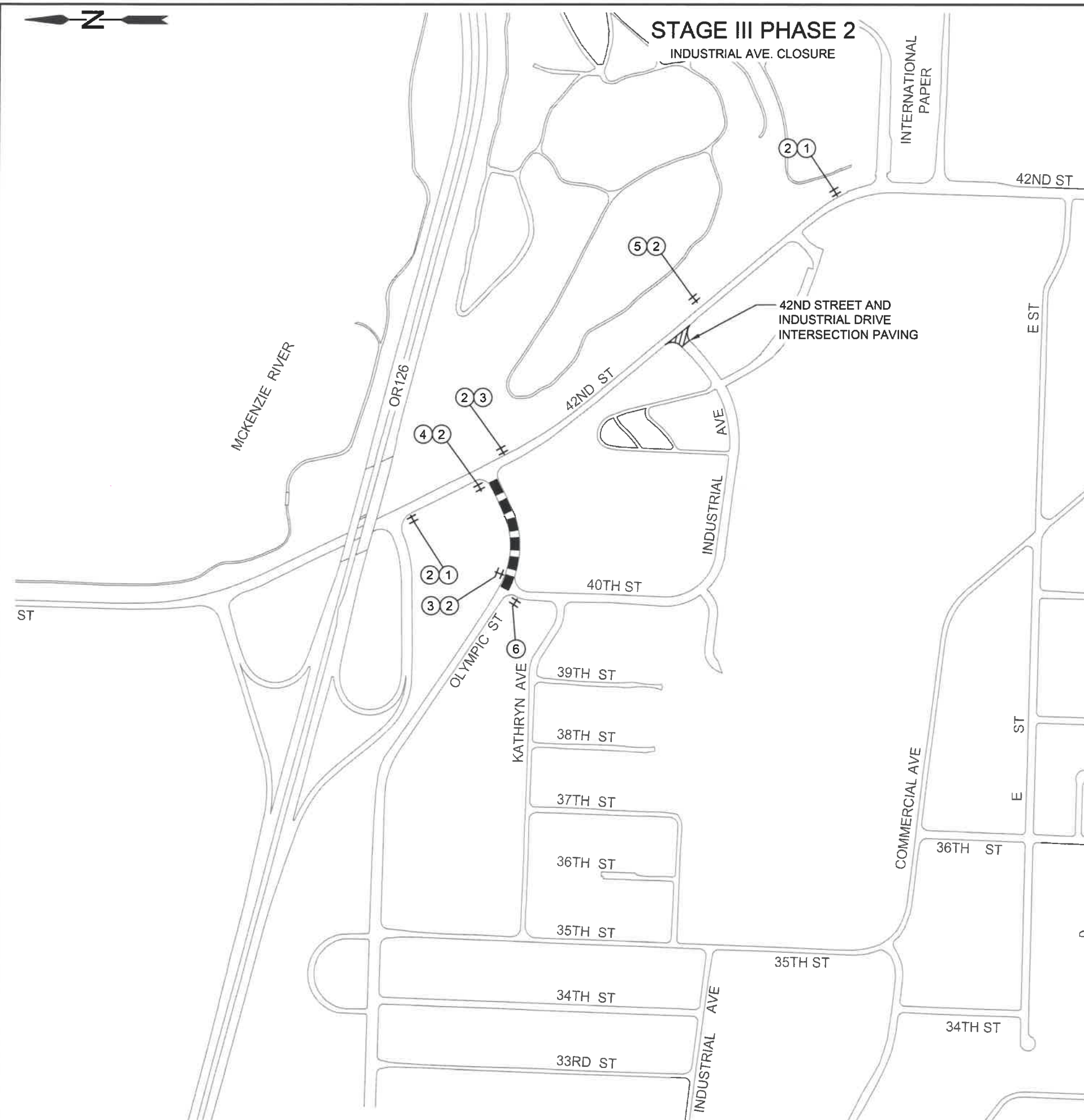


EXPIRES: 06/30/24

TRAFFIC CONTROL PLAN

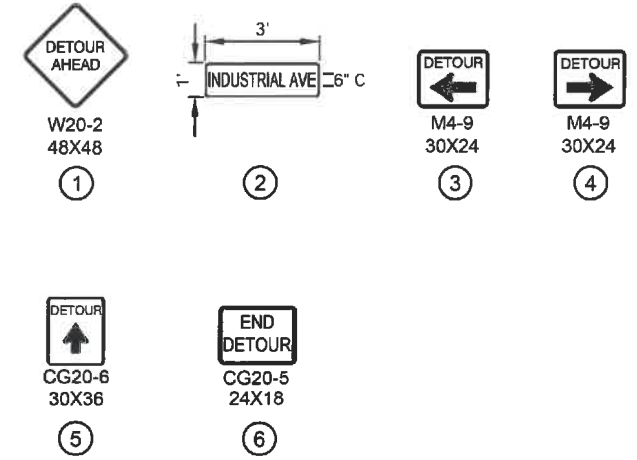
SCALE: NTS
 DRAWN BY: R. DUERST
 DESIGNED BY: N. SCHREMSEMER
 CHECKED BY: J. GALEAZZI

SHEET
C25
 of
99

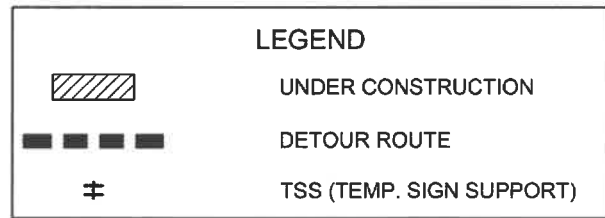


STAGE III PHASE 2

INDUSTRIAL AVE. CLOSURE



- DETOUR NOTES:**
1. SEE DWG. NO. TM800 FOR PCMS INSTALLATION DETAILS.
 2. CONSTRUCT 42ND STREET AND INDUSTRIAL AVENUE INTERSECTION SB GRIND AND INLAY DURING DETOUR.
 3. PLACE TYPE III (C) BARRICADES ACROSS INDUSTRIAL AVENUE AS NEEDED AND APPROVED BY THE ENGINEER.



No.	Revision/Issue	Date



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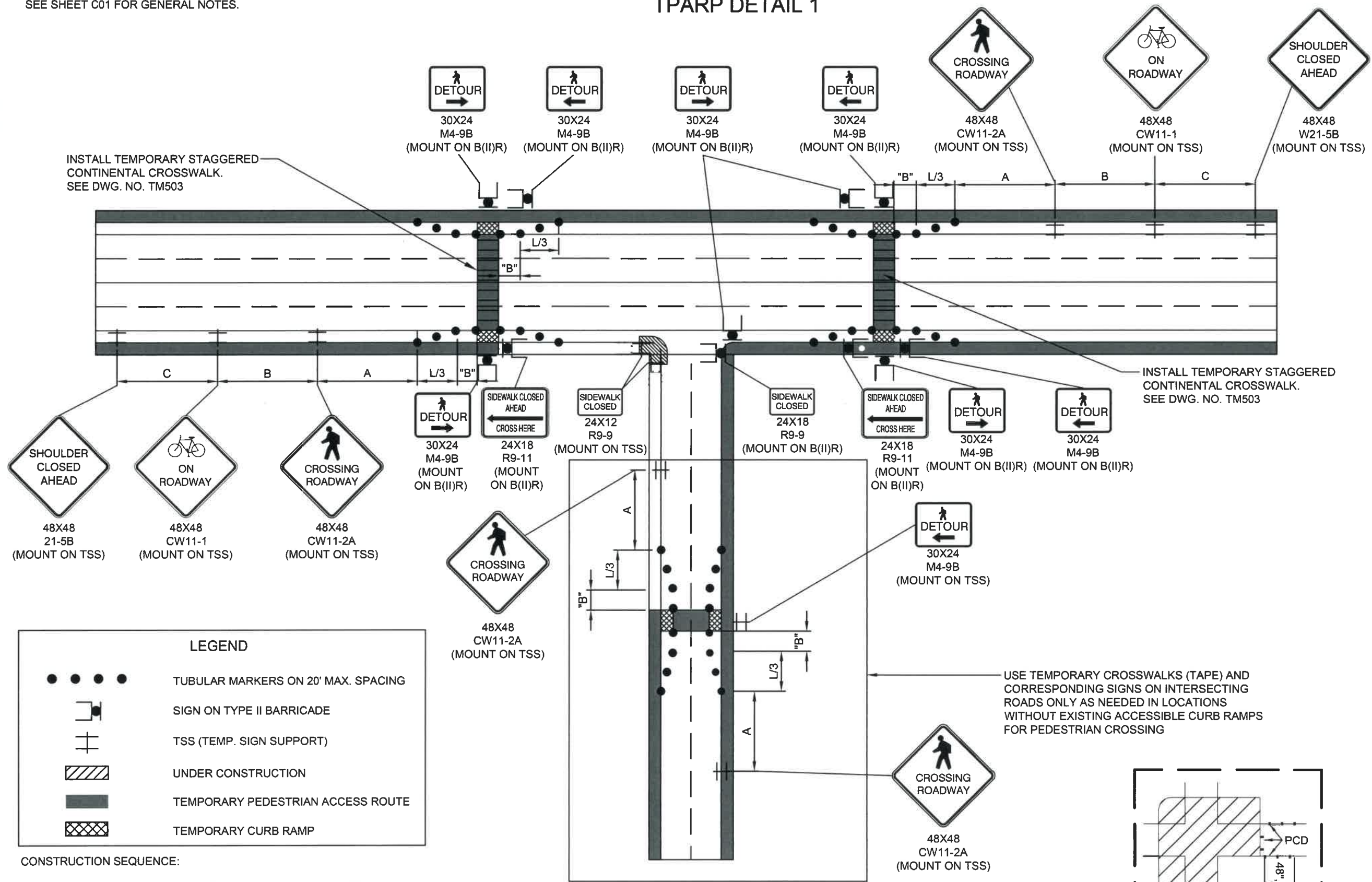
TRAFFIC CONTROL PLAN

SCALE: NTS
DRAWN BY: R. DUERST
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SHEET
C26
OF
99

SIDEWALK CLOSURE - TEMPORARY CROSSWALK DETOUR TPARP DETAIL 1

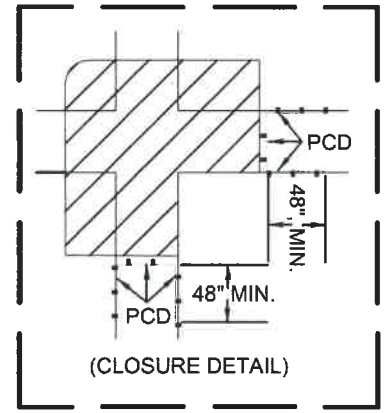
NOTE:
SEE SHEET C01 FOR GENERAL NOTES.



LEGEND

- TUBULAR MARKERS ON 20' MAX. SPACING
- SIGN ON TYPE II BARRICADE
- TSS (TEMP. SIGN SUPPORT)
- UNDER CONSTRUCTION
- TEMPORARY PEDESTRIAN ACCESS ROUTE
- TEMPORARY CURB RAMP

- CONSTRUCTION SEQUENCE:**
1. INSTALL ALL DEVICES REQUIRED BY THE TRAFFIC CONTROL PLAN.
 2. INSTALL TPAR DEVICES PRIOR TO CURB, GUTTER AND SIDEWALK REMOVAL.
 3. ENSURE ALL PEDESTRIAN DETOUR SIGNS AND DEVICES ARE IN PLACE BEFORE COVERING THE PEDESTRIAN SIGNALS AND CLOSING THE CROSSING.
 4. INSTALL CURB, GUTTER AND SIDEWALK.
 5. FOLLOWING THE COMPLETION OF CURB, GUTTER AND CONCRETE SIDEWALK, ENSURE MEASURES ARE IN PLACE TO PROTECT THE PUBLIC FROM ALL CONSTRUCTION HAZARDS.



No.	Revision/Issue	Date



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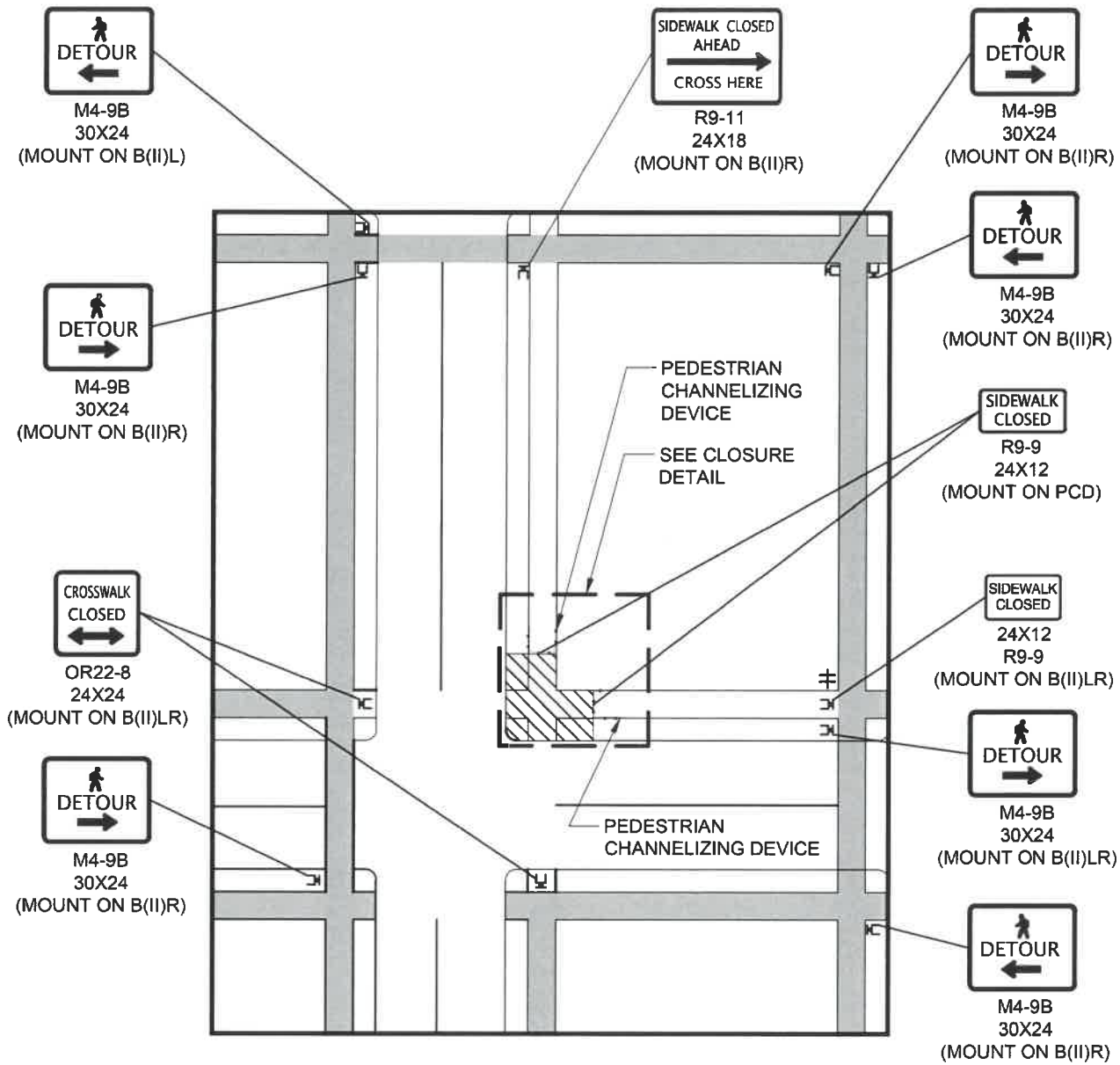
TRAFFIC CONTROL PLAN

SCALE: NTS	SHEET C27 OF 99
DRAWN BY: R. DUERST	CHECKED BY: J. GALEAZZI
DESIGNED BY: N. SCHREMSE	

NOTE:
SEE SHEET C01 FOR GENERAL NOTES.

SIDEWALK CLOSURE - CORNER TPARP DETAIL 2

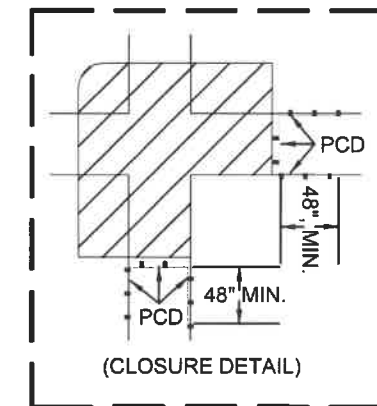
NOTE:
LIMIT WORK TO ONE CORNER AT A TIME TO MINIMIZE
PEDESTRIAN DISRUPTIONS AND DETOUR LENGTH.



LEGEND	
	PEDESTRIAN CHANNELIZING DEVICE
	SIGN ON TYPE II BARRICADE
	SEQUENTIAL ARROW & BARRICADE
	UNDER CONSTRUCTION
	TSS (TEMP. SIGN SUPPORT)
	TEMPORARY PEDESTRIAN ACCESS ROUTE
	TEMPORARY CURB RAMP

CONSTRUCTION SEQUENCE:

1. INSTALL ALL DEVICES REQUIRED BY THE TRAFFIC CONTROL PLAN.
2. INSTALL TPAR DEVICES PRIOR TO CURB, GUTTER AND SIDEWALK REMOVAL.
3. ENSURE ALL PEDESTRIAN DETOUR SIGNS AND DEVICES ARE IN PLACE BEFORE COVERING THE PEDESTRIAN SIGNALS AND CLOSING THE CROSSING.
4. INSTALL CURB, GUTTER AND SIDEWALK.
5. FOLLOWING THE COMPLETION OF CURB, GUTTER AND CONCRETE SIDEWALK, ENSURE MEASURES ARE IN PLACE TO PROTECT THE PUBLIC FROM ALL CONSTRUCTION HAZARDS.



No.	Revision/Issue	Date

811
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OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

TRAFFIC CONTROL PLAN

SCALE: NTS SHEET C28 OF 99

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

TEMPORARY PEDESTRIAN ACCESS ROUTE LOCATION TABLE

ALIGNMENT/STATION	RAMP INTERSECTION/LOCATION	TPARP DETAIL 1	TPARP DETAIL 2	NOTES
"N" 500+43	MARCOLA RD. & 42ND ST./E	X		DETOUR PEDESTRIANS AROUND WORK ZONE OR SEE DWG. NO. TM844, WITHIN ROADWAY SIDEWALK DIVERSION DETAIL.
"N" 500+48	MARCOLA RD. & 42ND ST./W	X		DETOUR PEDESTRIANS AROUND WORK ZONE OR SEE DWG. NO. TM844, WITHIN ROADWAY SIDEWALK DIVERSION DETAIL.
"N" 527+11	OR126 EB ON-RAMP & 42ND ST./NW	X		CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 527+85	OR126 EB ON-RAMP & 42ND ST./SW	X		CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 527+95	OR126 EB ON-RAMP & 42ND ST./SE		X	CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 532+23	OLYMPIC ST. & 42ND ST./NW	X		CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 532+24	OLYMPIC ST. & 42ND ST./SE		X	CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 532+25	OLYMPIC ST. & 42ND ST./SW	X		CLOSE CROSSWALK AND DETOUR PEDESTRIANS AROUND WORK ZONE.
"N" 542+64	INDUSTRIAL AVE. & 42ND ST./N	X		DETOUR PEDESTRIANS AROUND WORK ZONE OR SEE DWG. NO. TM844, WITHIN ROADWAY SIDEWALK DIVERSION DETAIL.
"N" 543+62	INDUSTRIAL AVE. & 42ND ST./S	X		DETOUR PEDESTRIANS AROUND WORK ZONE OR SEE DWG. NO. TM844, WITHIN ROADWAY SIDEWALK DIVERSION DETAIL.
"N" 554+77	IP 1 & 42ND ST./NE	X		PLACE PCD IN FRONT OF CONSTRUCTION AREA AND DETOUR PEDESTRIANS ONTO BIKE LANE WITH TUBULAR MARKERS OR PCD. DIRECT PEDESTRIANS ONTO SHARED USE PATH.
"N" 555+34	IP 1 & 42ND ST./SE	X		PLACE PCD IN FRONT OF CONSTRUCTION AREA AND DETOUR PEDESTRIANS ONTO BIKE LANE WITH TUBULAR MARKERS OR PCD.
"N" 557+29	IP 2 & 42ND ST./NE	X		PLACE PCD IN FRONT OF CONSTRUCTION AREA AND DETOUR PEDESTRIANS ONTO BIKE LANE WITH TUBULAR MARKERS OR PCD.
"N" 558+06	IP 2 & 42ND ST./SE	X		PLACE PCD IN FRONT OF CONSTRUCTION AREA. CLOSE RIGHT TURN LANE AND SEE DWG. NO. TM844, WITHIN ROADWAY SIDEWALK DIVERSION DETAIL. INSTALL TEMPORARY CURB RAMP.
"N" 558+28	IP 2 & 42ND ST./SW	X		ROUTE PEDESTRIANS ONTO NEW RAMP AFTER COMPLETION AND DURING DEMOLITION OF OLD RAMP.

GENERAL NOTES:

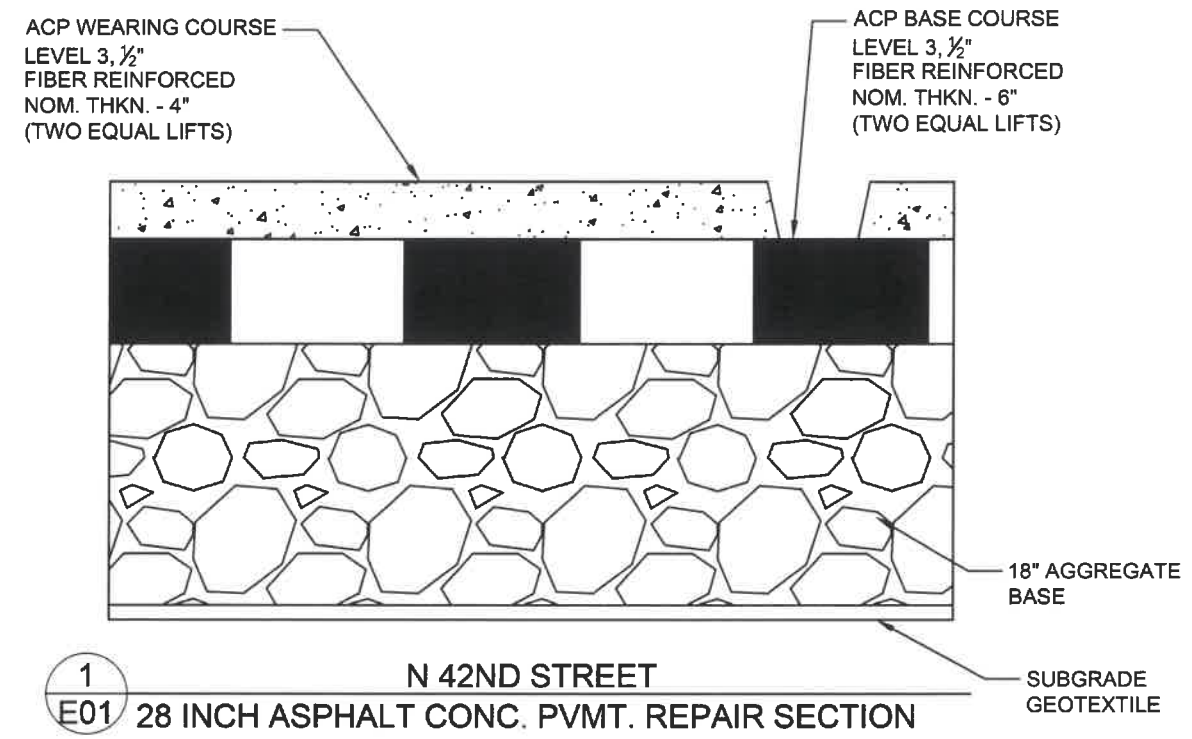
- | | | |
|--|--|---|
| <p>1. INSTALL TPAR DEVICES IN ALL LOCATIONS WHERE CONSTRUCTION WILL AFFECT EXISTING PEDESTRIAN ROUTES PRIOR TO PERFORMING REMOVAL WORK, DURING EVERY CONSTRUCTION STAGE.</p> <p>2. PAVEMENT TPAR MUST BE IN PLACE BEFORE RECEIVING PEDESTRIAN TRAFFIC IN TEMPORARY OR PERMANENT CONFIGURATIONS, AND MUST BE FREE OF VERTICAL DISCONTINUITIES GREATER THAN 1/4 INCH. INSTALL TEMPORARY WEDGE AS APPROVED.</p> <p>3. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES.</p> <p>4. FOR CROSSINGS FROM TPAR, INSTALL A TEMPORARY TRUNCATED DOME ON EXISTING SURFACE WHERE THE EXISTING CROSSINGS PROVIDED A DETECTABLE WARNING. INSTALL THE TEMPORARY TRUNCATED DOME IN A LOCATION WHICH SERVES ALL PHASES OF THE TPAR PLAN.</p> <p>5. FOLLOWING THE COMPLETION OF CONCRETE SIDEWALK, ENSURE MEASURES ARE IN PLACE TO PROTECT THE PUBLIC FROM ALL CONSTRUCTION HAZARDS BEFORE OPENING THE AREA TO PEDESTRIAN TRAFFIC.</p> <p>6. CONSTRUCTION WORK ON ADA RAMPS SHALL NOT BE DONE CONCURRENT WITH THE GRIND/INLAY OR ACP FULL DEPTH CONSTRUCTION PROCESS.</p> | <p>7. WHEN UTILIZING BIKE LANES FOR A TEMPORARY PEDESTRIAN ACCESS ROUTE USE "PEDESTRIANS ON ROADWAY" SIGN (CW11-2).</p> <p>8. LIMIT IMPACTS TO ONE CORNER OF AN INTERSECTION AT A TIME UNLESS SHOWN OTHERWISE.</p> <p>9. DURING NON-WORK HOURS ANY OPEN EXCAVATED LOCATIONS MUST BE BLOCKED FROM BOTH VEHICULAR AND PEDESTRIAN TRAFFIC USING APPROVED TRAFFIC CONTROL DEVICES.</p> <p>10. WHEN CLOSING OR RELOCATING CROSSWALKS OR OTHER PEDESTRIAN FACILITIES PROVIDE ADA COMPLIANT FACILITIES. INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES BY PROVIDING ADEQUATE SLOPE TRANSITIONS AND SURFACING.</p> <p>11. PROVIDE NON-SLIP, 60 INCH MINIMUM WIDE SURFACE THROUGH ENTIRE PEDESTRIAN ROUTE. IF NOT POSSIBLE, PROVIDE 48" MIN. WIDTH WITH 60" X 60" PASSING SPACES SPACES EVERY 200 FEET ALONG THE ROUTE.</p> <p>12. MINIMIZE PEDESTRIAN OUT-OF-DIRECTION TRAVEL.</p> <p>13. MOVE SIGNS AS NECESSARY TO ACCOMODATE CONSTRUCTION PHASE CHANGES.</p> | <p>14. FOR TEMPORARY CURB RAMP DETAILS, SEE DWG. NO. TM845.</p> <p>15. FOR SHOULDER CLOSURES, INSTALL "RIGHT SHOULDER CLOSED" (W21 - 5A) ADVANCED SIGNING AND TUBULAR MARKERS PER DWG. NO. TM841.</p> <p>16. REMOVE EXISTING CROSSWALKS AND INSTALL TEMPORARY REMOVABLE TAPE FOR TEMPORARY CROSSWALK REALIGNMENTS. TEMPORARY CROSSWALK LOCATIONS SHALL BE APPROVED BY THE ENGINEER.</p> |
|--|--|---|

 <p>Know what's below. Call before you dig.</p> <p><small>UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING UTILITY LOCATIONS PRIOR TO BEGINNING OF CONSTRUCTION. THESE PLANS MAY NOT SHOW ALL UTILITIES OR THE CORRECT LOCATIONS.</small></p>	 <p>920 Country Club Rd., Suite 100B Eugene, OR 97401 541-683-6090 www.dowl.com</p>
<p>Project P21195 42ND STREET OVERLAY IP TO MARCOLA ROAD</p>	 <p>CITY OF SPRINGFIELD PUBLIC WORKS / ENGINEERING 225 FIFTH STREET, SPRINGFIELD, OR 97477 PHONE (541) 726-3753 FAX (541) 726-3869 INTERNET www.springfield-or.gov</p>
 <p>REGISTERED PROFESSIONAL ENGINEER 102003PE Digitally Signed 2024.03.07 17:04:36-08'00" OREGON MARCH 14, 2023 AUSTIN JOSEPH ZAVALA EXPIRES: 06/30/24</p>	
<p>TRAFFIC CONTROL PLAN</p> <p>SCALE: NTS SHEET C29 OF 99</p> <p><small>DRAWN BY: R. DUERST DESIGNED BY: N. SCHREMSENER CHECKED BY: J. GALEAZZI</small></p>	

"N" LINE						
28 INCH DEPTH ASPHALT CONCRETE PAVEMENT REPAIR LOCATION TABLE						
ALIGNMENT	DIRECTION OF TRAFFIC	BEGINNING STATION	ENDING STATION	LOCATION	WIDTH (FT)	AREA (SQ FT)
"N"	SB	526+32	527+07	OWT	12-14	1004
"N"	NB	526+83	527+07	OWT	6	147
"N"	SB	529+53	529+63	IWT	4	40
"N"	SB	529+53	530+22	IWT	5-6	365
"N"	SB	532+78	534+61	IWT	4	673
"N"	SB	533+72	534+61	OWT	4	360
"N"	NB	541+20	543+93	OWT	5	1366
"N"	SB	542+19	544+46	IWT	4	905
"N"	SB	549+32	551+06	IWT	4	695
"N"	NB	549+93	551+67	OWT	5-7	1131
					TOTAL	6686

ABBREVIATIONS:
 NB=NORTHBOUND; SB=SOUTHBOUND; IWT=INSIDE WHEEL TRACKS; OWT=OUTSIDE WHEEL TRACKS

- NOTES:
1. ACP WEARING AND BASE COURSE USE 64-22 ACP BINDER.
 2. WIDTHS IN TABLE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.



No.	Revision/Issue	Date

811
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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

SPRINGFIELD OREGON

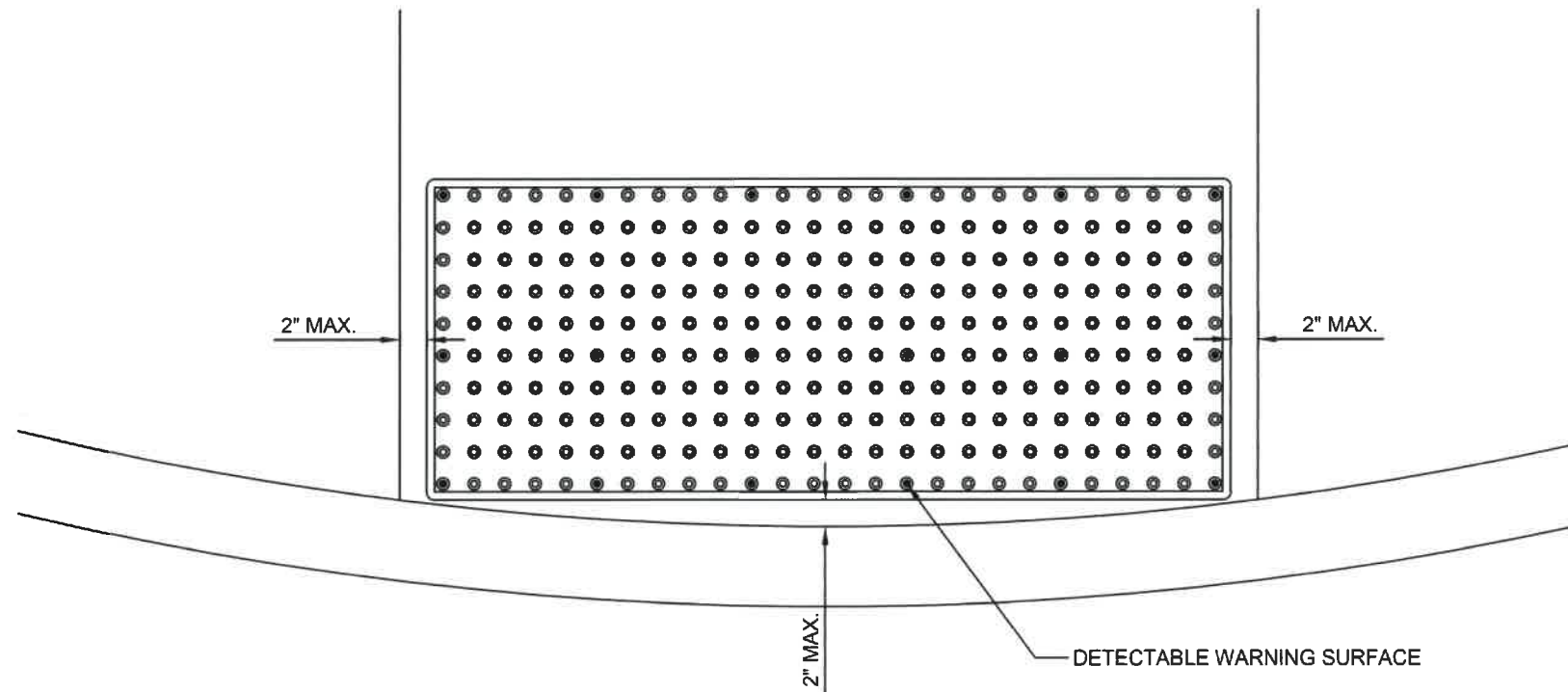
REGISTERED PROFESSIONAL ENGINEER
 102003PE
 Digitally Signed 2024.03.07 17:05:05-08'00"
 OREGON
 MARCH 14, 2023
 AUSTIN JOSEPH ZAVALA
 EXPIRES: 06/30/24

ROADWAY DETAILS

SCALE: NTS

SHEET E01 OF 99

DRAWN BY: R. DUERST
 DESIGNED BY: N. SCHREMSEER
 CHECKED BY: J. GALEAZZI



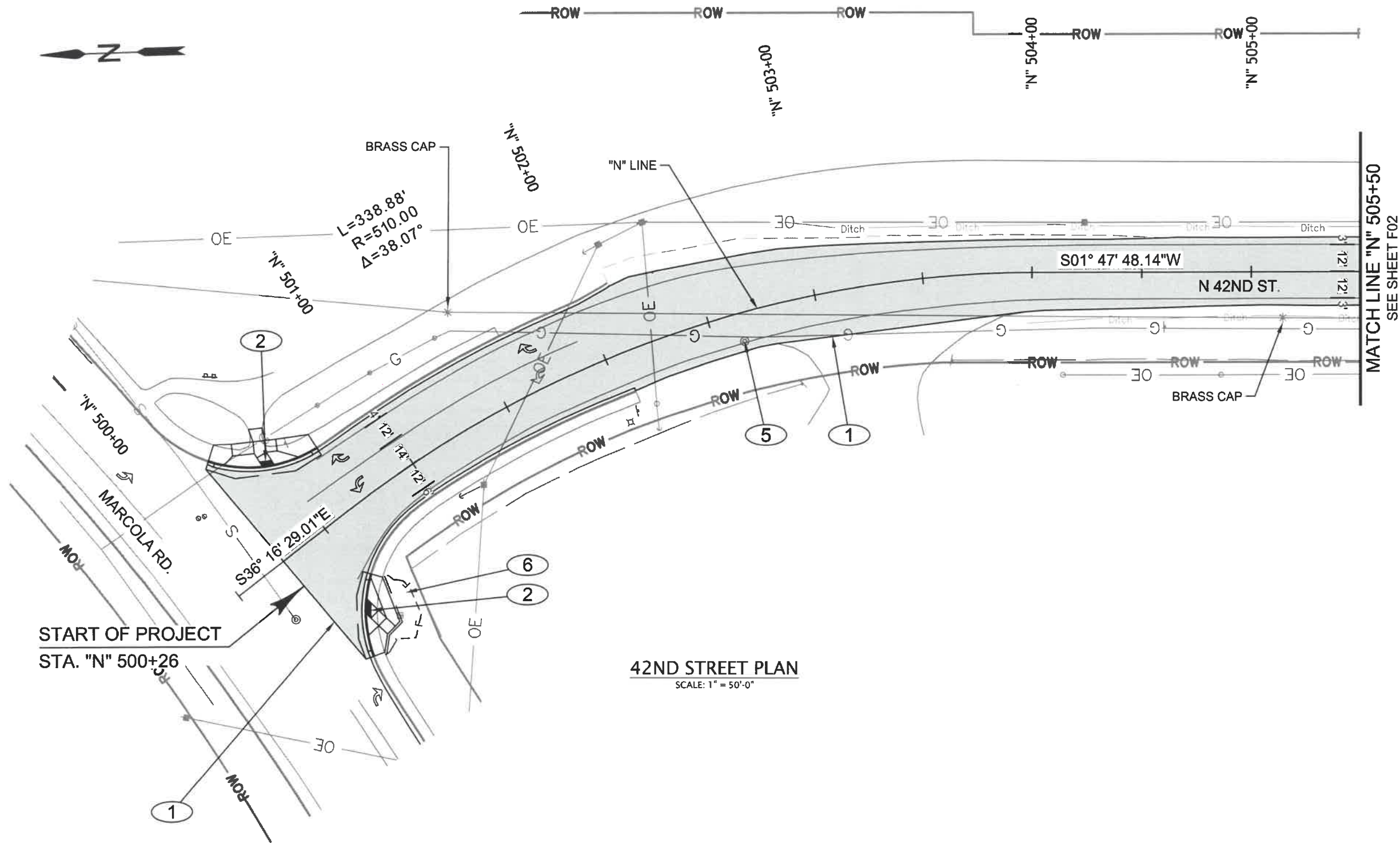
1
E02 TRUNCATED DOMES ON NEW SURFACES

NOTES:

1. THE DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OPENING. A GAP OF UP TO 2 INCHES ON EACH SIDE OF THE DETECTABLE WARNING SURFACE IS PERMITTED (MEASURED AT THE LEADING EDGE OF THE DETECTABLE WARNING SURFACE PANEL).
2. DETECTABLE WARNING SURFACE SHALL BE PLACED AT THE BACK OF THE CURB FOR A MINIMUM DEPTH OF 2 FT. IN THE DIRECTION OF PEDESTRIAN TRAVEL AT CURB RAMP THAT ARE ADJACENT TO TRAFFIC. DETECTABLE WARNING SURFACES MAY BE CUT TO MEET NECESSARY SHAPE AS SHOWN IN PLANS. DETECTABLE WARNING SURFACE ACROSS A GRADE BREAK IS PROHIBITED.
3. COLOR TO BE SAFETY YELLOW.

No.	Revision/Issue	Date
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Project P21195 42ND STREET OVERLAY IP TO MARCOLA ROAD		
		
 REGISTERED PROFESSIONAL ENGINEER 102003PE Digitally Signed 2024.04.01 07:42:45-07'00" OREGON MARCH 14, 2023 AUSTIN JOSEPH ZAVALA EXPIRES: 06/30/24		
ROADWAY DETAILS		
SCALE: NTS		SHEET E02 OF 99
DRAWN BY: R. DUERST		
DESIGNED BY: N. SCHREMSER		
CHECKED BY: J. GALEAZZI		

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

START OF PROJECT
STA. "N" 500+26

NOTE:
SEE SHT. A03 FOR LEGEND.

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ② REPLACE CONC. CURB RAMP. FOR DETAILS, SEE SHTS. J01 - J16, (2 EACH)
- ⑤ ADJUST MANHOLE. SEE DWG. NO. 4-1A, (1 EACH)
- ⑥ CONSTRUCT EMBANKMENT IN PLACE. FOR DETAILS, SEE SHT. J02.

No.	Revision/Issue	Date



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Project P21195
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EXPIRES: 06/30/24

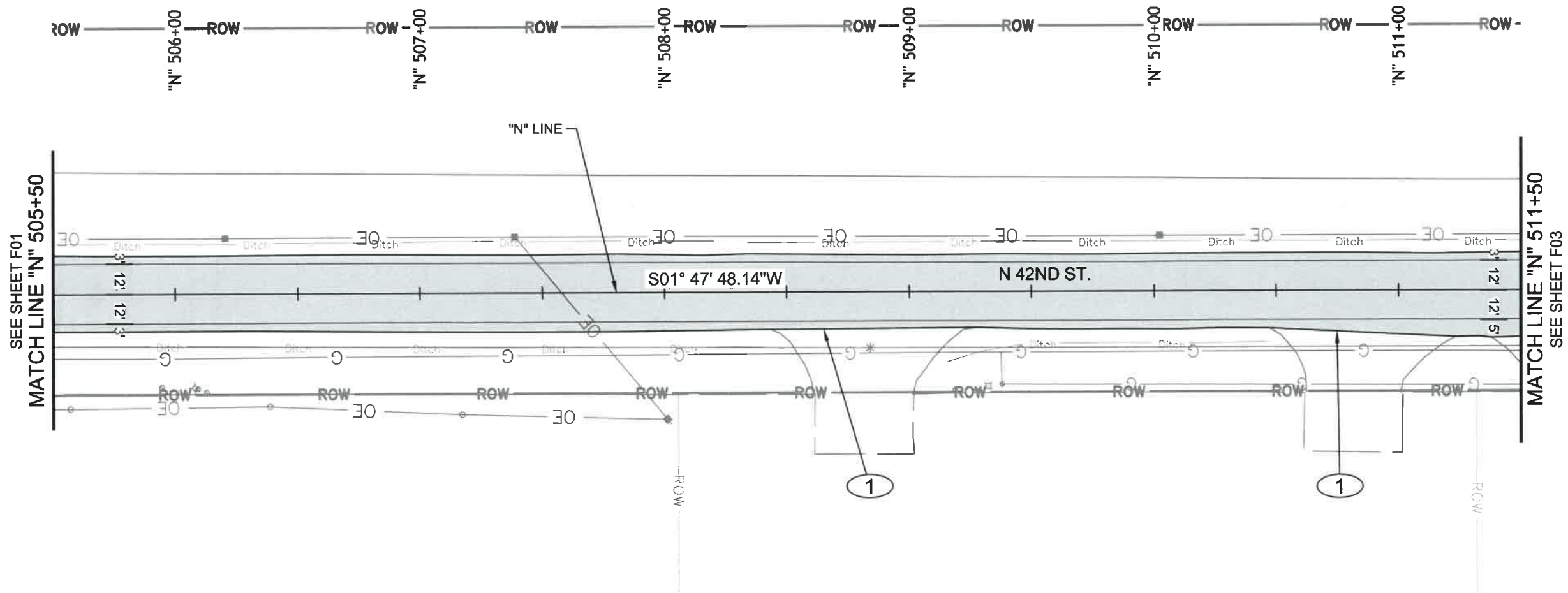
PLAN SHEET

SCALE: 1' = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET
F01
OF
99

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD**



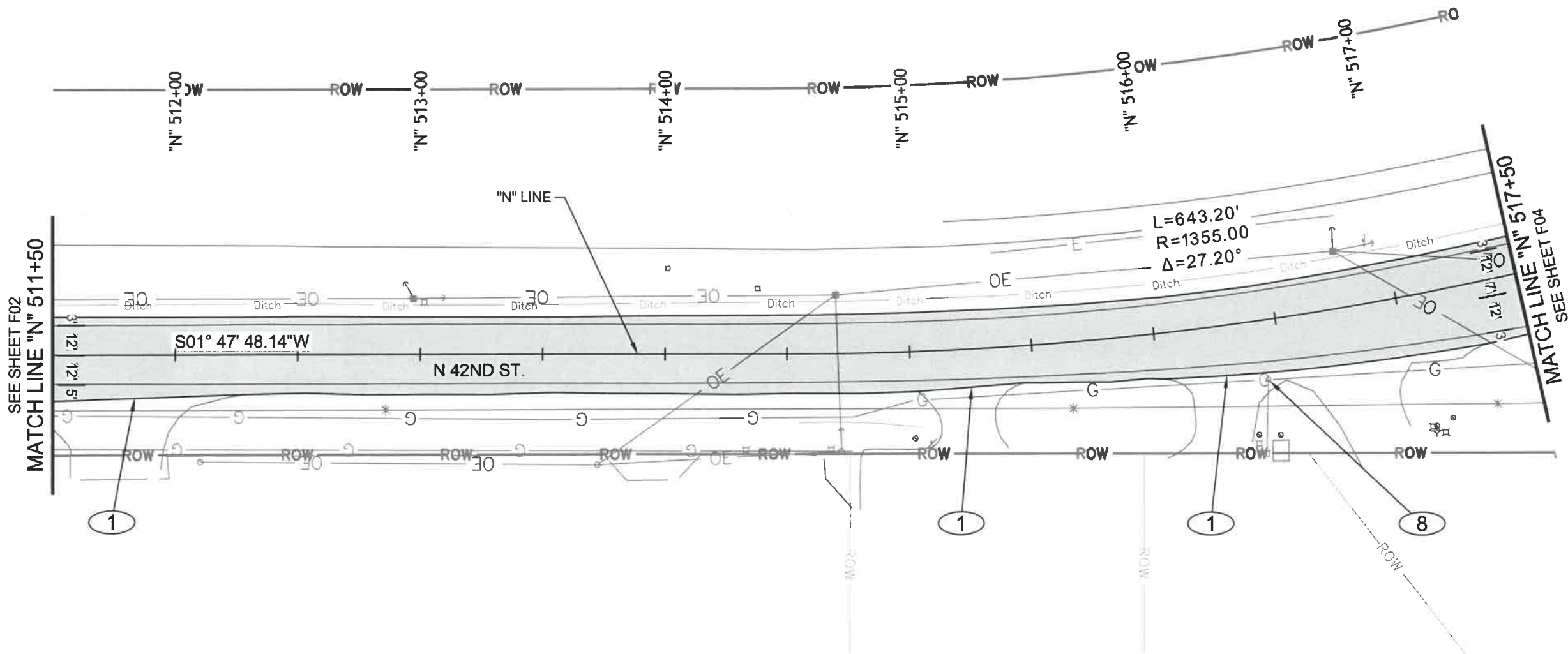
EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEK
CHECKED BY: J. GALEAZZI

**SHEET
F02
OF
99**



SEE SHEET F02
MATCH LINE "N" 511+50

MATCH LINE "N" 517+50
SEE SHEET F04

42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ⑧ PRESERVE AND PROTECT GAS VALVE

No.	Revision/Issue	Date



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EXPIRES: 06/30/24

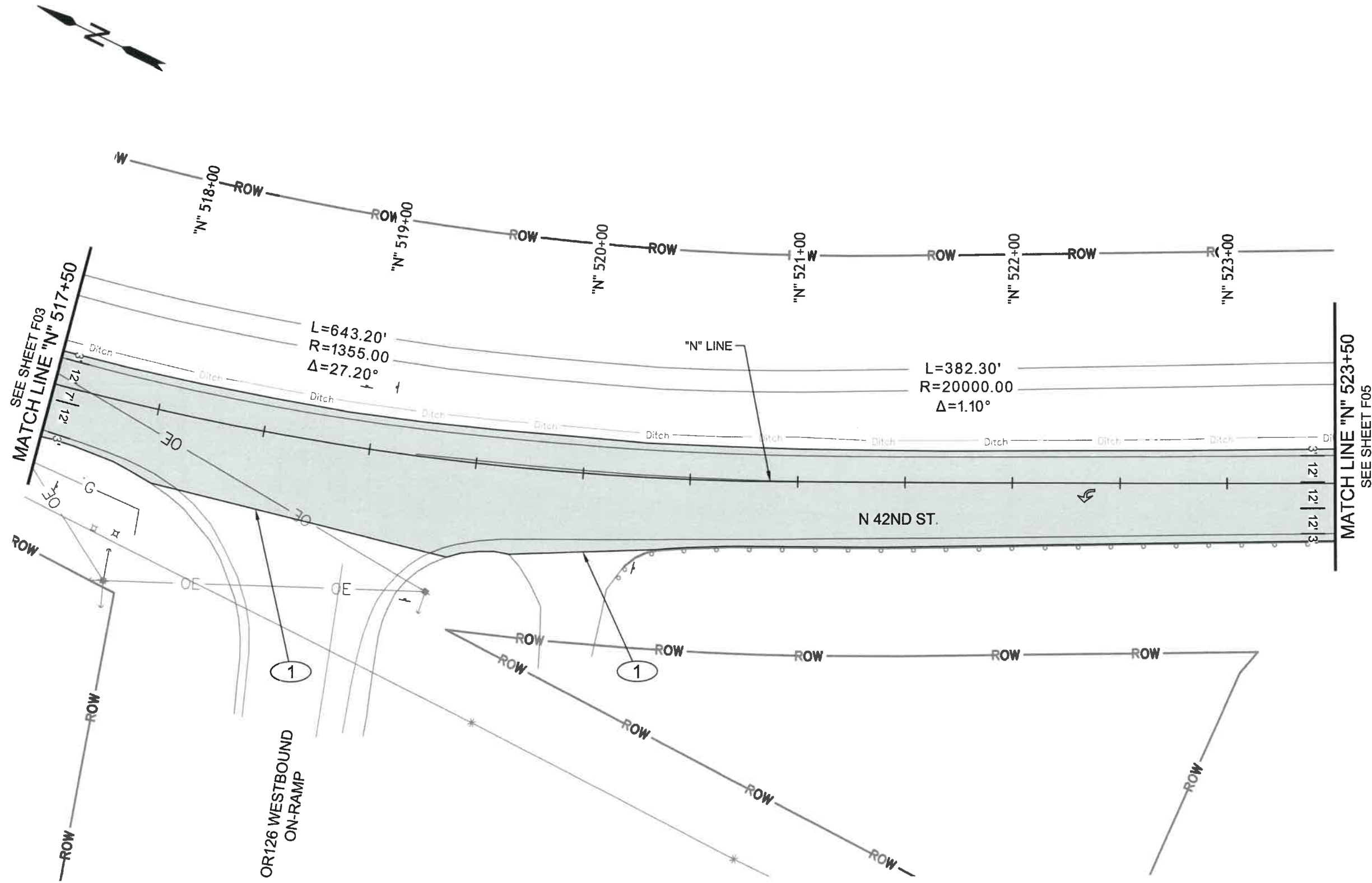
PLAN SHEET

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET
F03
OF
99

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS

No.	Revision/Issue	Date



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IP TO MARCOLA ROAD



EXPIRES: 06/30/24

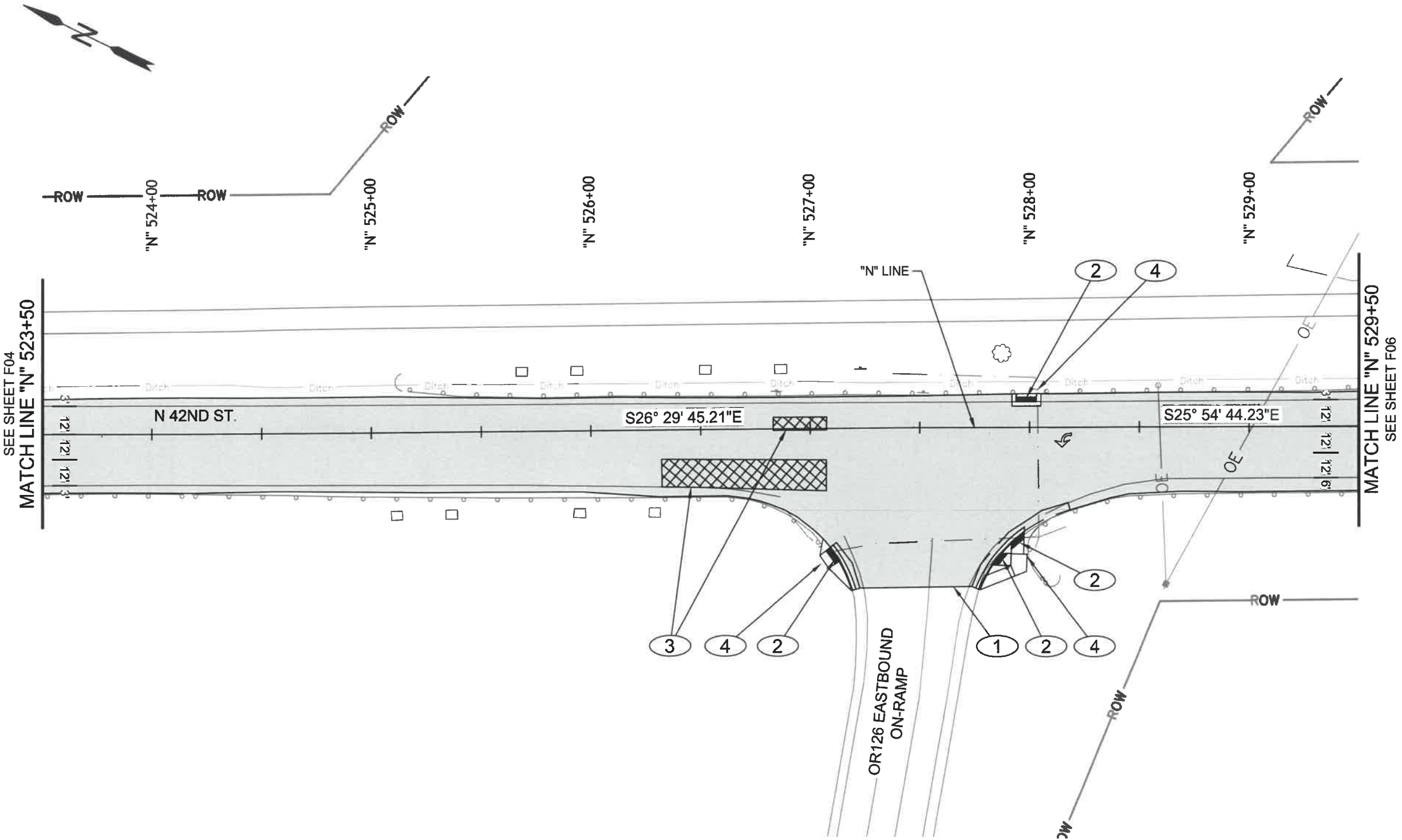
PLAN SHEET

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
F04
OF
99

SEC. 30, T. 17S, R. 2W., W.M.
(CITY OF SPRINGFIELD)



SEE SHEET F04
MATCH LINE "N" 523+50

MATCH LINE "N" 529+50
SEE SHEET F06

42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ② REPLACE CONC. CURB RAMP. FOR DETAILS, SEE SHTS. J01 - J16, (4 EACH)
- ③ ASPHALT CONC. PVMT. REPAIR. FOR DETAILS, SEE SHT. E01
- ④ REMOVE AND REPLACE PEDESTRIAN PUSH BUTTON. FOR DETAILS, SEE T SHTS.

No.	Revision/Issue	Date



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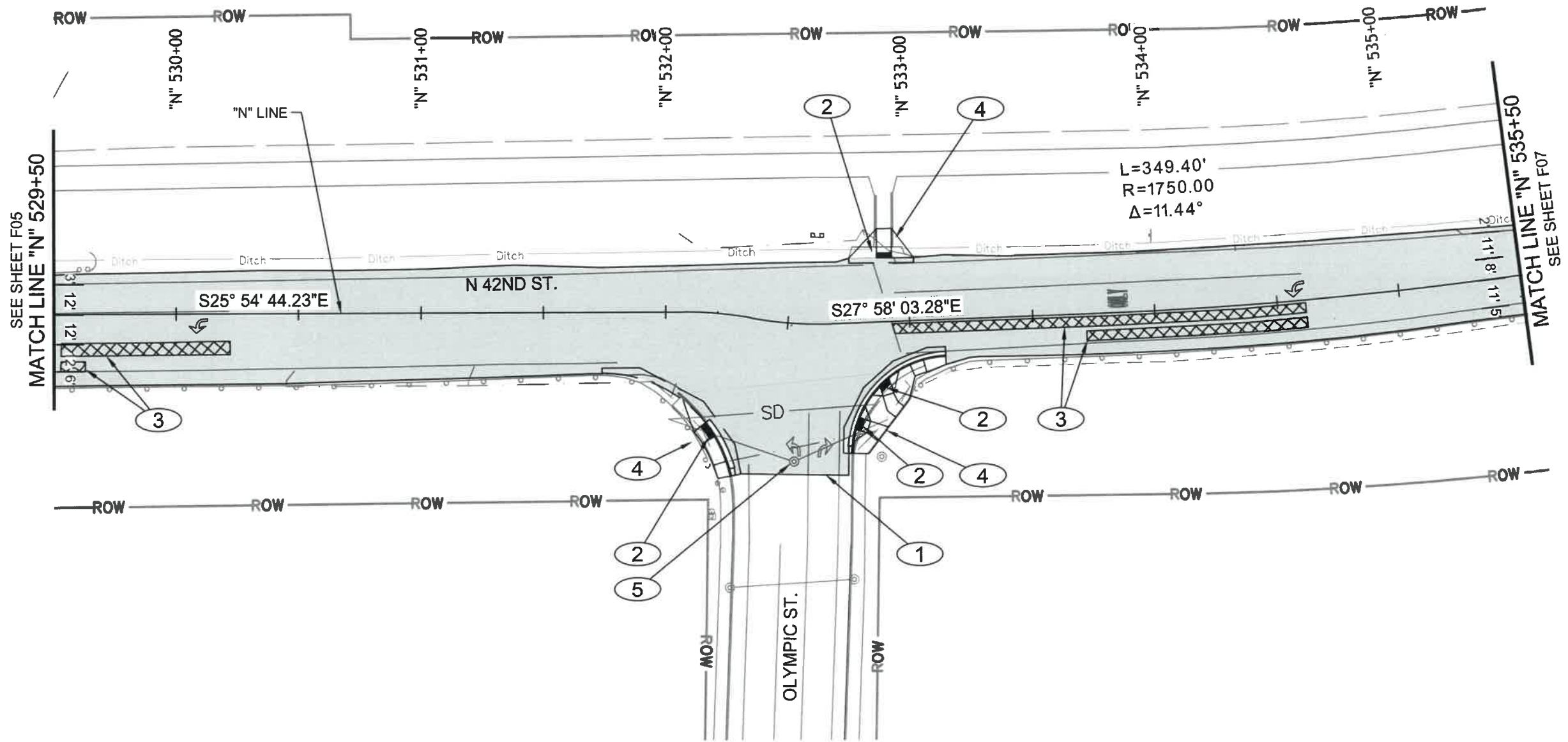
PLAN SHEET

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET
F05
OF
99

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

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- ② REPLACE CONC. CURB RAMP. FOR DETAILS, SEE SHTS. J01 - J16, (4 EACH)
- ③ ASPHALT CONC. PVMT. REPAIR. FOR DETAILS, SEE SHT. E01
- ④ REMOVE AND REPLACE PEDESTRIAN PUSH BUTTON. FOR DETAILS, SEE T SHTS.
- ⑤ ADJUST MANHOLE. SEE DWG. NO. 4-1A, (1 EACH)

No.	Revision/Issue	Date



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42ND STREET OVERLAY
IP TO MARCOLA ROAD



EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1" = 50'

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DESIGNED BY: N. SCHREMSENER
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SHEET
F06
OF
99

No.	Revision/Issue	Date



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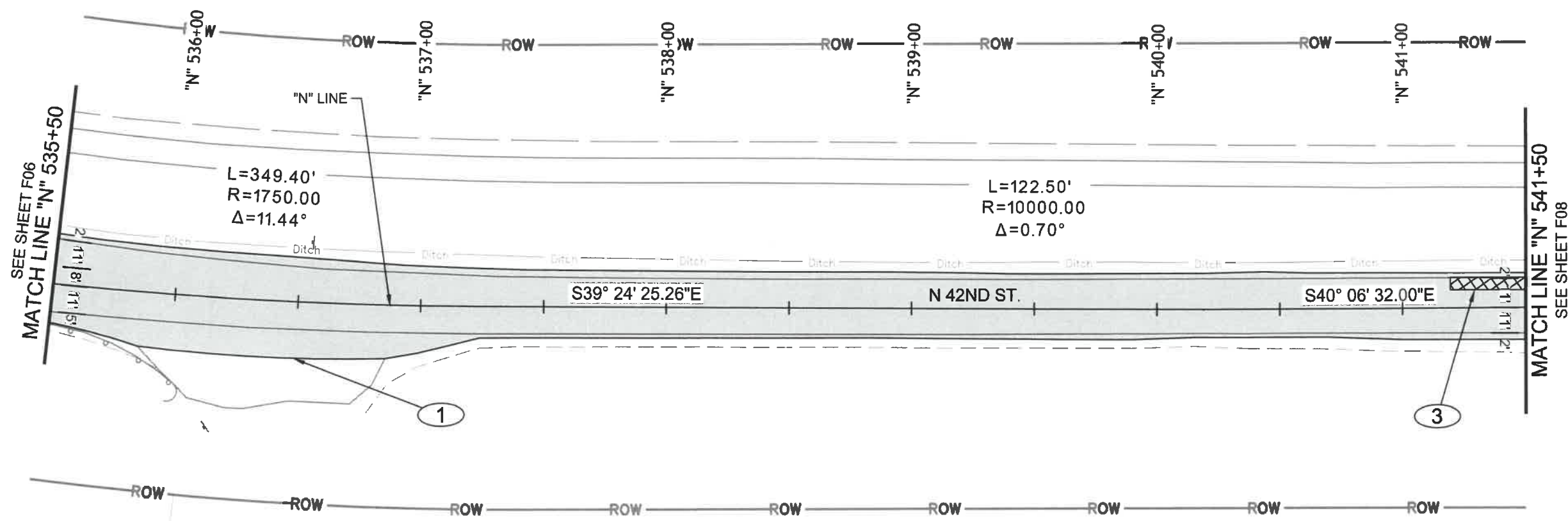
EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1" = 50'

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SHEET
F07
OF
99

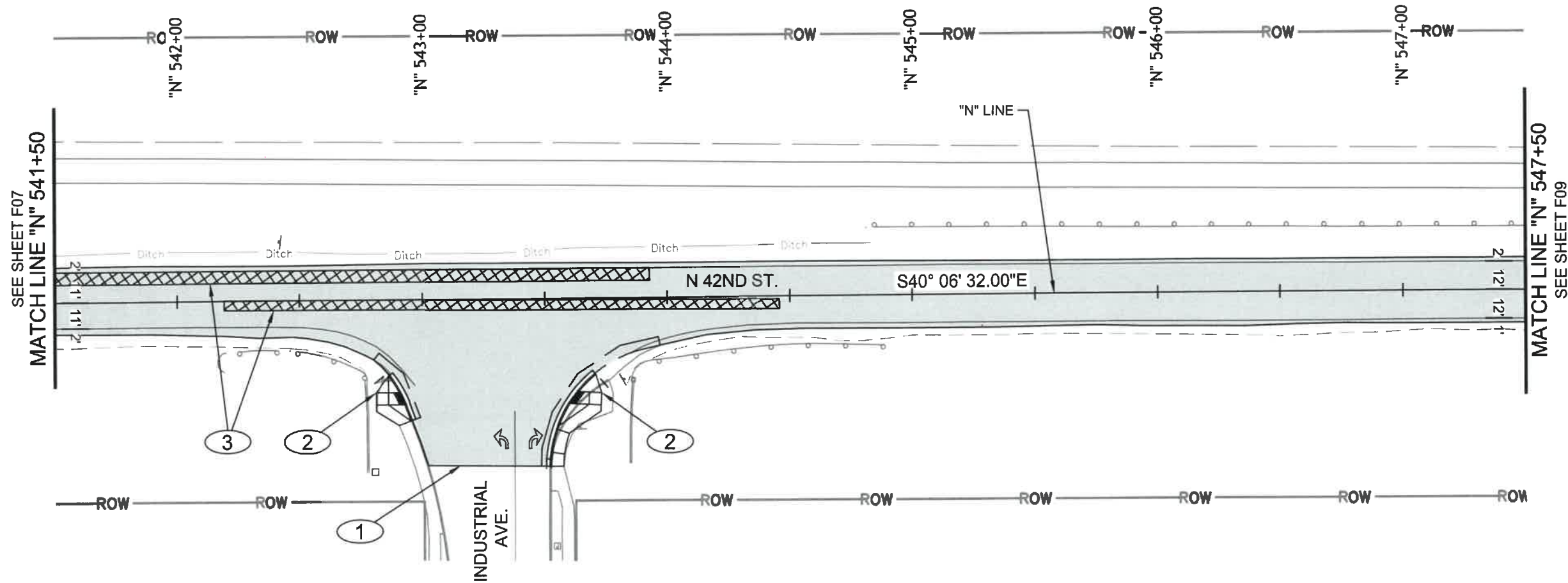


42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ③ ASPHALT CONC. PVMT. REPAIR. FOR DETAILS, SEE SHT. E01

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ② REPLACE CONC. CURB RAMP. FOR DETAILS, SEE SHTS. J01 - J16, (2 EACH)
- ③ ASPHALT CONC. PVMT. REPAIR. FOR DETAILS, SEE SHT. E01

No.	Revision/Issue	Date



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42ND STREET OVERLAY
IP TO MARCOLA ROAD



EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1" = 50'

SHEET
F08
OF
99

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

No.	Revision/Issue	Date



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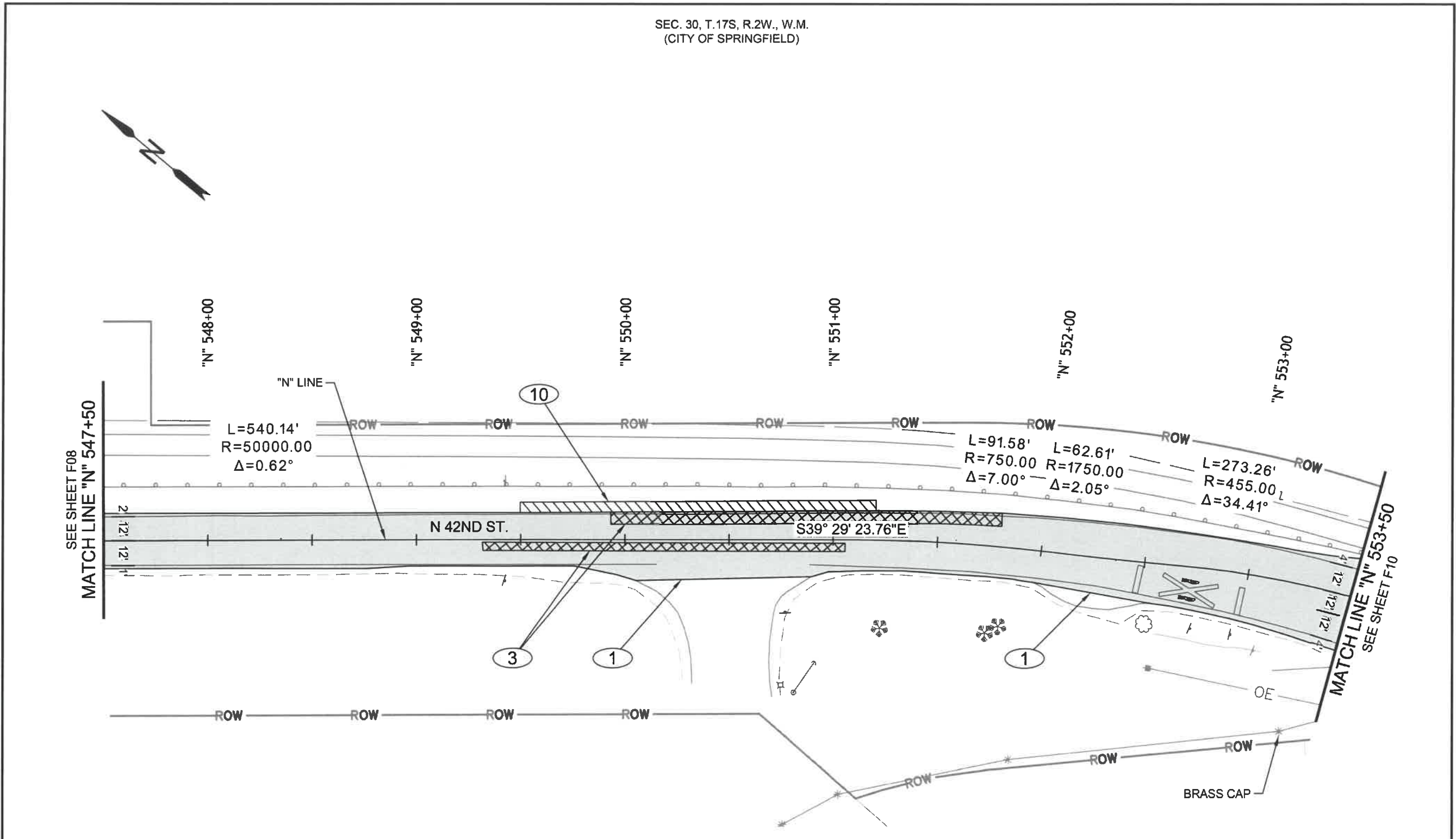
EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1' = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET
F09
OF
99

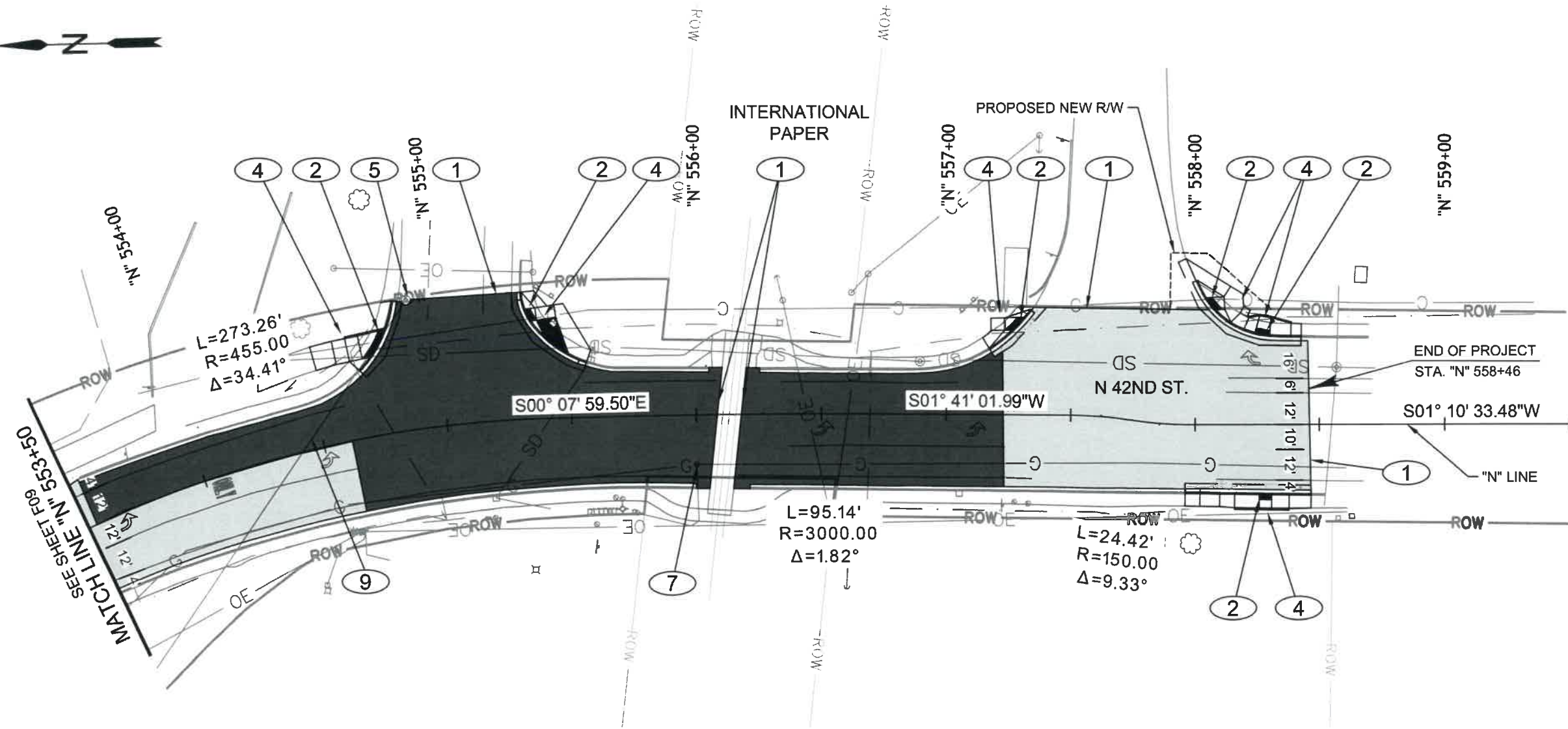


42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ③ ASPHALT CONC. PVMT. REPAIR. FOR DETAILS, SEE SHT. E01
- ⑩ SHLDR. AGGREGATE

SEC. 30, T.17S, R.2W., W.M.
(CITY OF SPRINGFIELD)



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① PAVING LIMITS
- ② REPLACE CONC. CURB RAMP. FOR DETAILS, SEE SHTS. J01 - J16, (6 EACH)
- ④ REMOVE AND REPLACE PEDESTRIAN PUSH BUTTON. FOR DETAILS, SEE T SHTS.
- ⑤ ADJUST MANHOLE. SEE DWG. NO. 4-1A, (1 EACH)
- ⑦ REMOVE GAS VALVE BOX. BY OTHERS
- ⑨ PRESERVE AND PROTECT SHALLOW UTILITY LINE

No.	Revision/Issue	Date



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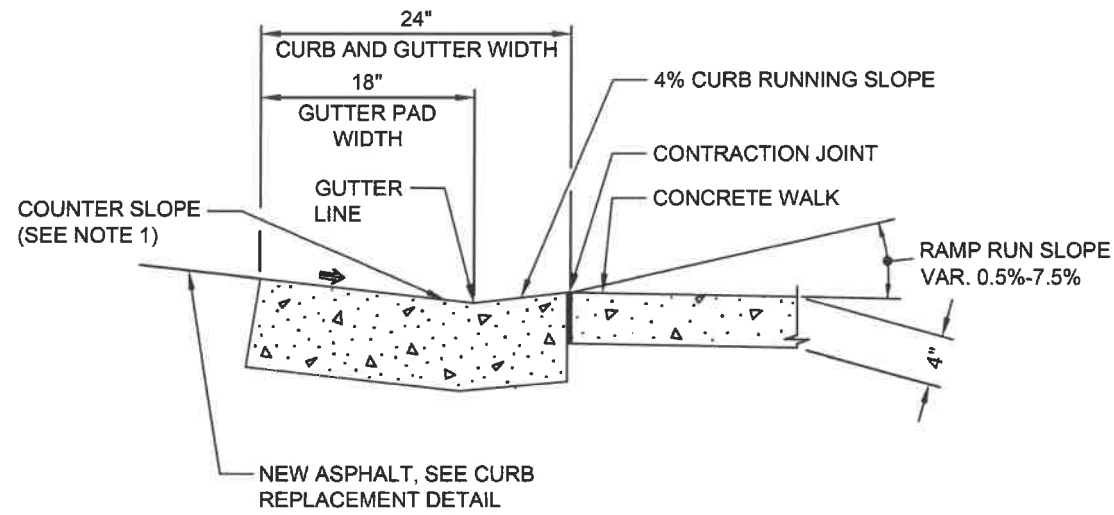
EXPIRES: 06/30/24

PLAN SHEET

SCALE: 1" = 50'

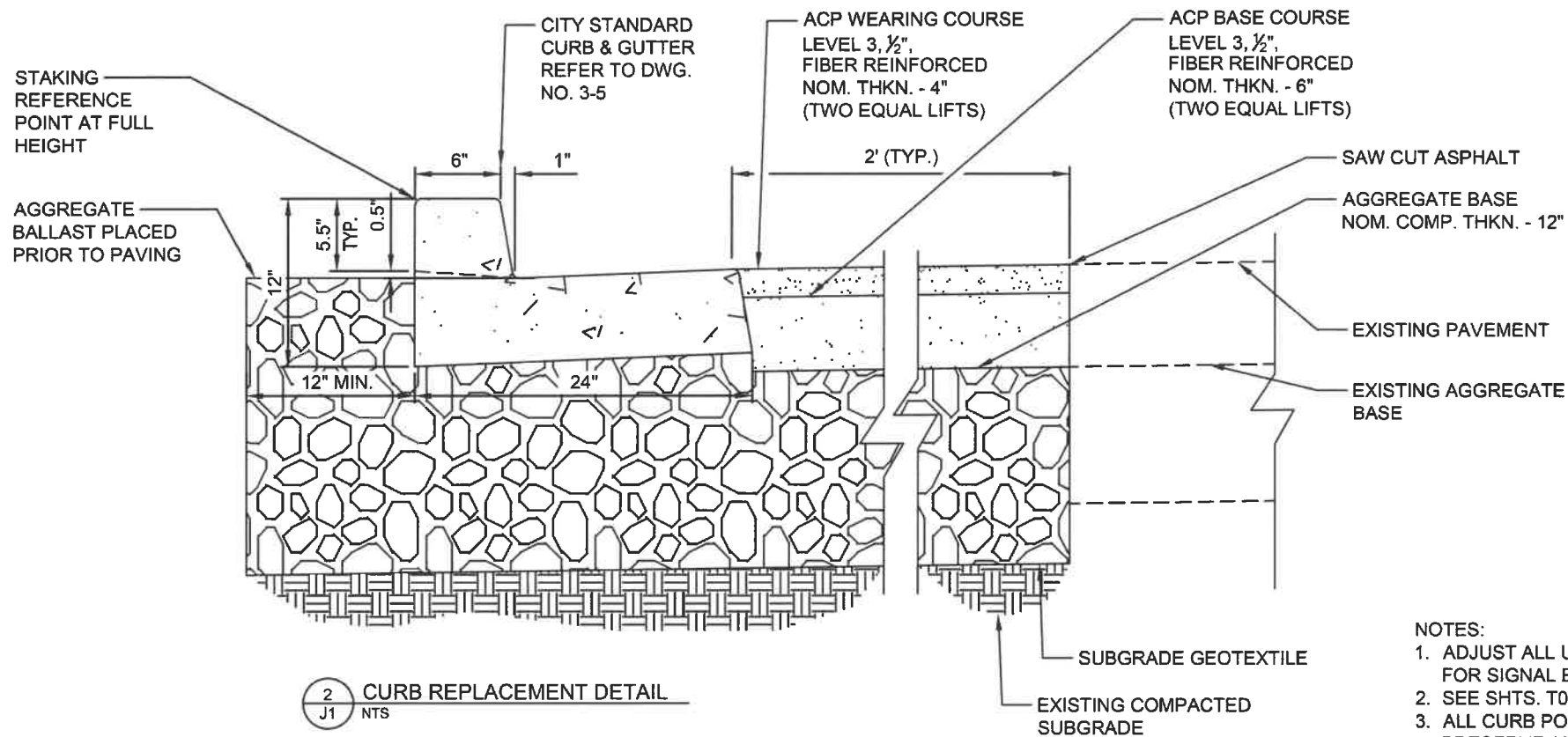
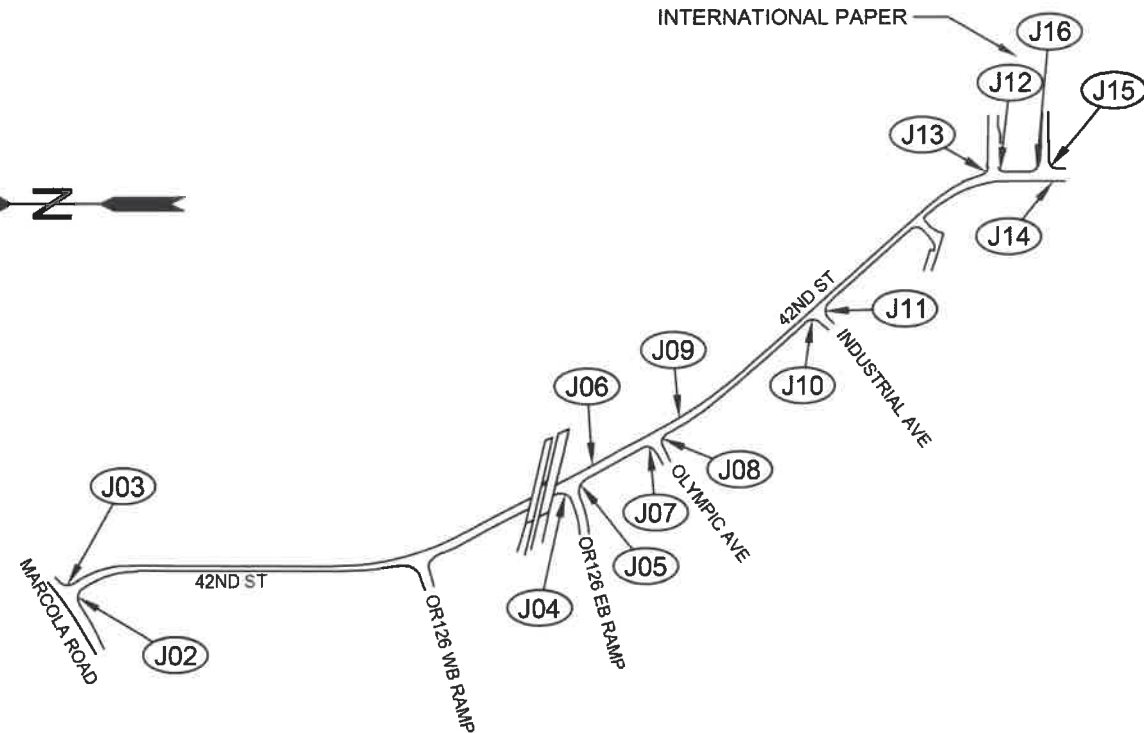
SHEET
F10
OF
99

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI



1 CURB RAMP CURB AND GUTTER DETAIL
 J1 NTS

NOTE:
 1. MAXIMUM COUNTER SLOPE IS 5.0% (POSITIVE OR NEGATIVE GRADE). THIS APPLIES TO GUTTER AT THE CURB RAMP THROAT AND ROAD SURFACES WITHIN 2' OF THE CURB RAMP AND SHALL BE MEASURED PERPENDICULAR TO THE CURB FLOW LINE.



2 CURB REPLACEMENT DETAIL
 J1 NTS

NOTES:
 1. ADJUST ALL UTILITY BOXES WITHIN CURB RAMP FOOTPRINT TO FINISHED GRADE. FOR SIGNAL BOXES, SEE SHTS. T01 THRU T09.
 2. SEE SHTS. T01 THRU T09 FOR PEDESTRIAN PUSHBUTTON REQUIREMENTS.
 3. ALL CURB POINT ELEVATIONS ARE AT FINISHED GRADE.
 4. PRESERVE AND PROTECT ALL EXISTING BUSINESS SIGNS.
 5. ADJUST ALL IRRIGATION IN CONFLICT WITH PROPOSED RAMP WIDENING.

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

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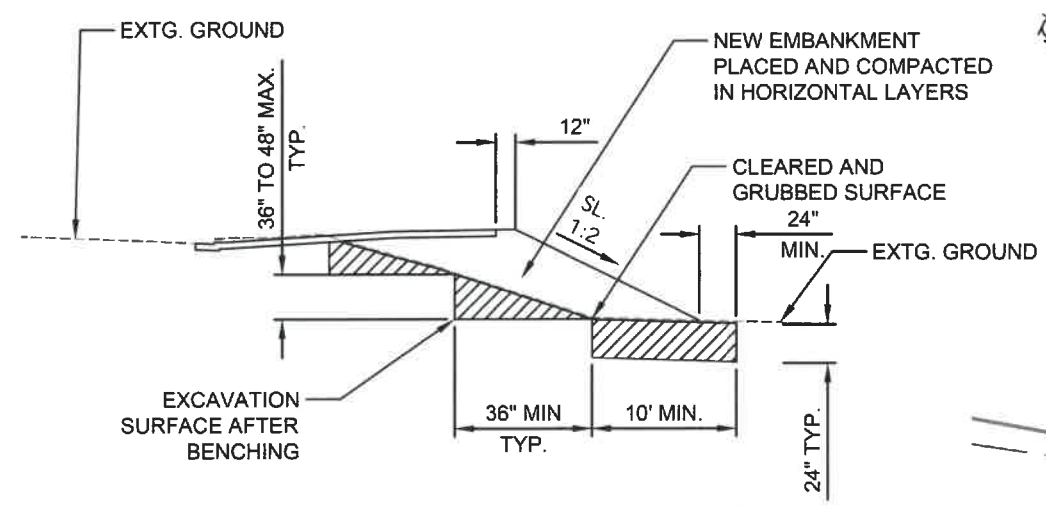
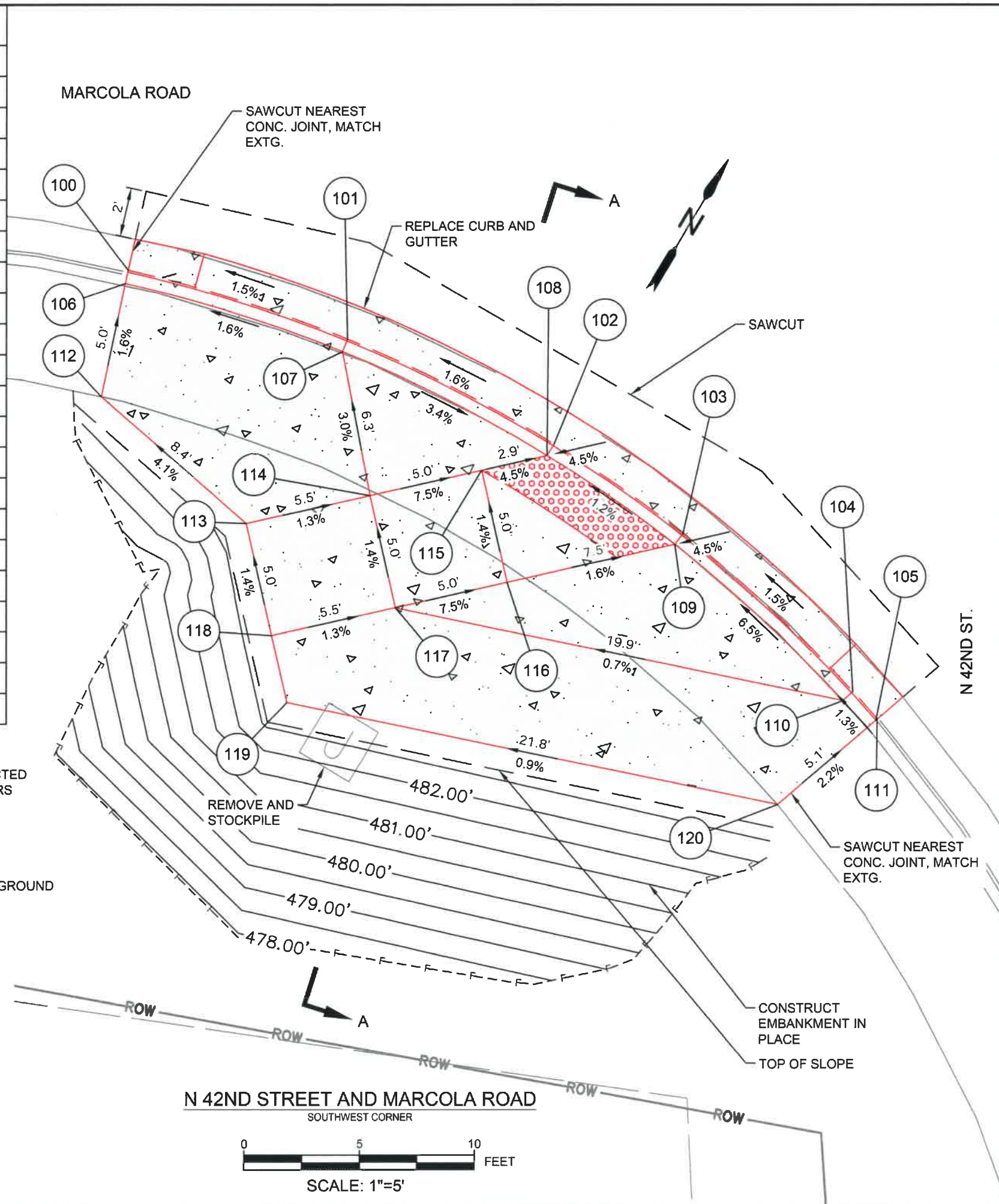


EXPIRES: 06/30/24

CURB RAMP DETAILS

SCALE: NTS
 SHEET J01 OF 99
 DRAWN BY: R. DUERST
 DESIGNED BY: N. SCHREMSEER
 CHECKED BY: J. GALEAZZI

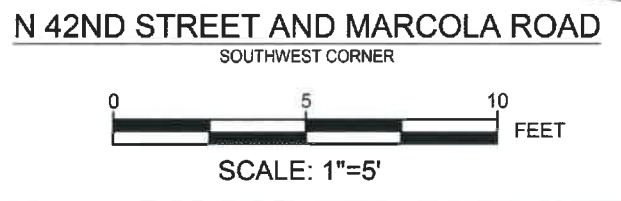
POINT TABLE				
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100	884202.075	4271663.377	481.61	FL
101	884204.422	4271673.082	481.77	FL
102	884205.142	4271683.142	481.93	FL
103	884204.675	4271689.954	482.01	FL
104	884202.589	4271699.822	482.16	FL
105	884202.110	4271701.345	482.68	FL
106	884201.521	4271663.561	482.11	TBOC
107	884203.846	4271673.172	482.27	TBOC
108	884204.558	4271683.135	481.95	TBOC
109	884204.096	4271689.881	482.03	TBOC
110	884202.031	4271699.654	482.66	TBOC
111	884201.556	4271701.162	482.68	TBOC
112	884196.767	4271665.204	482.19	SW
113	884195.285	4271673.450	482.53	SW
114	884199.088	4271677.422	482.46	SW
115	884202.546	4271681.033	482.08	SW
116	884198.935	4271684.491	482.15	SW
117	884195.477	4271680.880	482.53	SW
118	884191.673	4271676.908	482.60	SW
119	884189.515	4271678.974	482.60	SW
120	884196.704	4271699.565	482.79	SW



SECTION A-A: EMBANKMENT CONSTRUCTION
N.T.S.

EMBANKMENT CONSTRUCTION GENERAL NOTES:
 1. CONSTRUCT BENCHES ON SLOPES STEEPER THAN 1:5 (V:H) TO PROVIDE POSITIVE BOND WITH EXISTING GROUND..
 2. BENCHING WORK IS INCIDENTAL TO EMBANKMENT CONSTRUCTION.

INCIDENTAL EXCAVATION



No.	Revision/Issue	Date

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42ND STREET OVERLAY
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REGISTERED PROFESSIONAL ENGINEER
102003PE
Digitally Signed 2024.03.08 08:31:22-08'00'
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

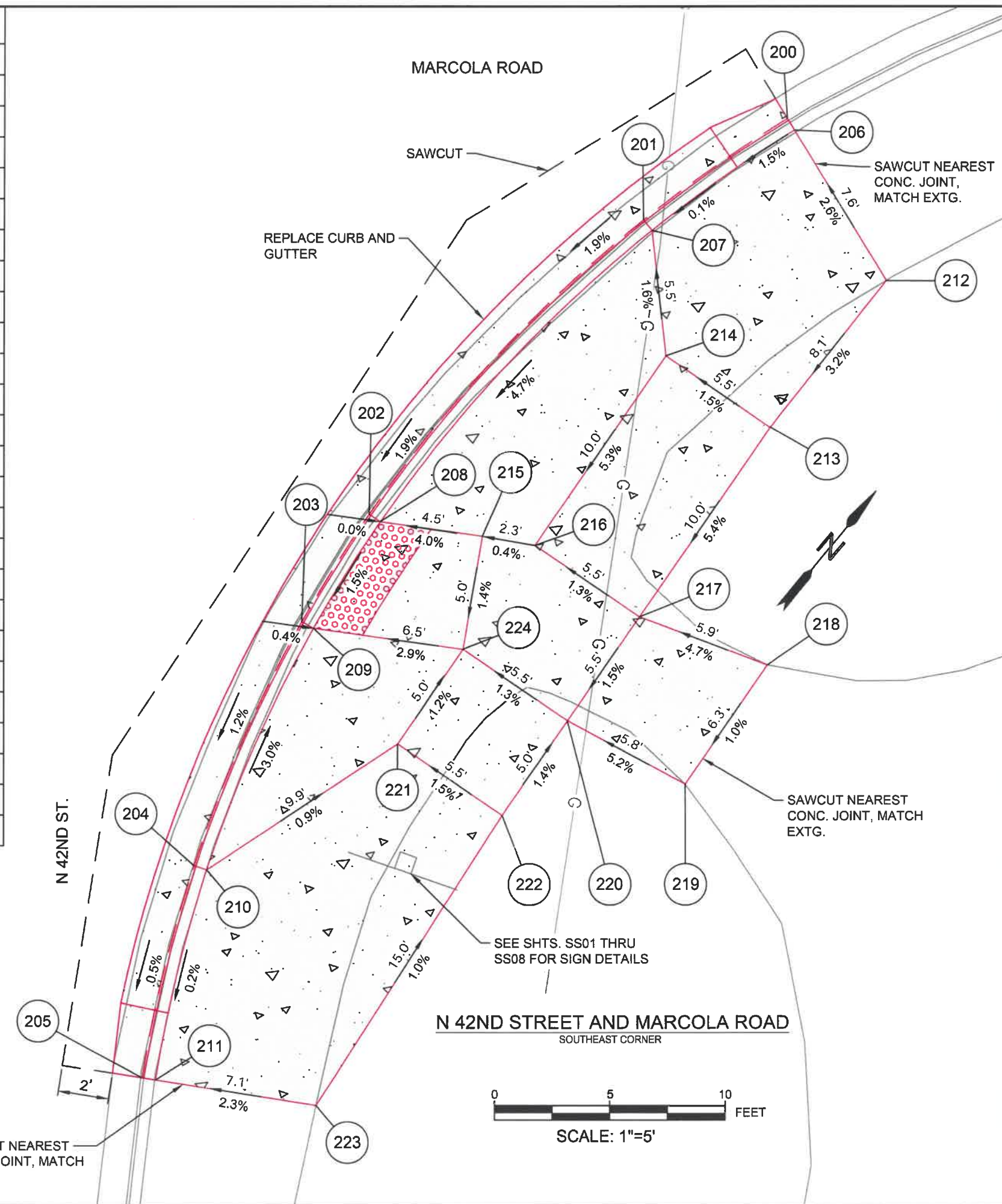
CURB RAMP DETAILS

SCALE: 1" = 5'


DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
J02
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
200	884274.570	4271755.085	483.24	FL
201	884267.228	4271752.994	483.19	FL
202	884249.819	4271751.809	482.86	FL
203	884244.339	4271752.493	482.78	FL
204	884233.148	4271755.551	482.64	FL
205	884224.563	4271759.625	482.59	FL
206	884274.374	4271755.635	483.74	TBOC
207	884267.105	4271753.564	483.69	TBOC
208	884249.865	4271752.391	482.88	TBOC
209	884244.438	4271753.067	482.80	TBOC
210	884233.356	4271756.097	483.14	TBOC
211	884224.855	4271760.131	483.12	TBOC
212	884271.816	4271762.840	483.94	SW
213	884263.695	4271762.951	483.68	SW
214	884263.263	4271757.468	483.60	SW
215	884252.169	4271756.236	483.06	SW
216	884253.294	4271758.255	483.07	SW
217	884253.726	4271763.738	483.14	SW
218	884255.594	4271769.376	483.42	SW
219	884249.314	4271769.870	483.36	SW
220	884248.243	4271764.170	483.06	SW
221	884242.826	4271759.080	483.05	SW
222	884243.259	4271764.563	483.13	SW
223	884228.375	4271766.247	483.28	SW
224	884247.811	4271758.687	482.99	SW




No.	Revision/Issue	Date




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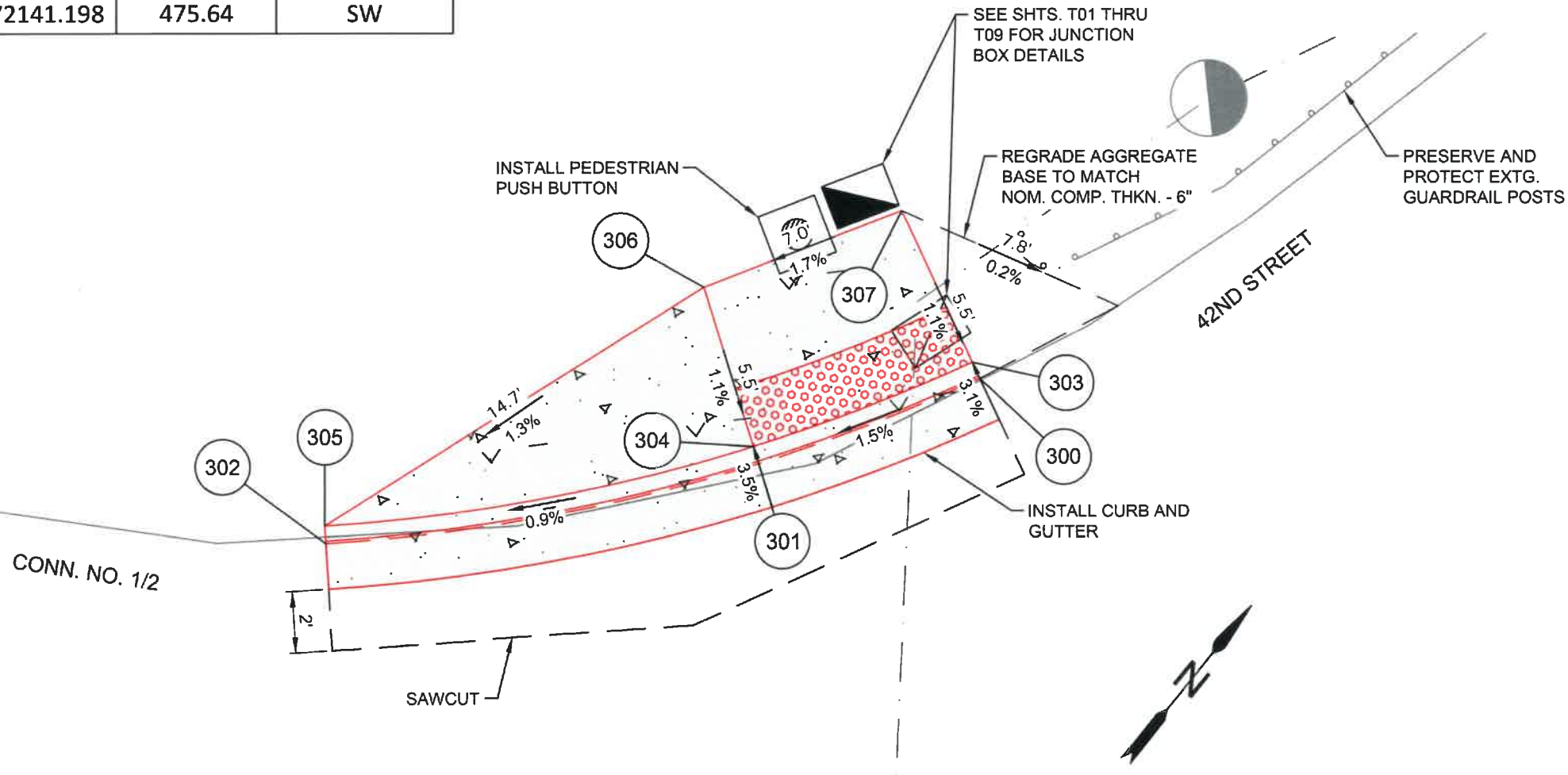
CURB RAMP DETAILS

SCALE: 1' = 5'

DRAWN BY: R. DUERST	SHEET J03 OF 99
DESIGNED BY: N. SCHREMSE	
CHECKED BY: J. GALEAZZI	

POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
300	881644.898	4272146.654	475.56	FL
301	881638.151	4272142.772	475.44	FL
302	881627.159	4272133.365	475.31	FL
303	881645.155	4272146.130	475.58	TBOC
304	881638.474	4272142.286	475.46	TBOC
305	881627.589	4272132.971	475.33	TBOC
306	881641.519	4272137.710	475.52	SW
307	881647.582	4272141.198	475.64	SW



N 42ND STREET AND CONN. NO. 1/2
NORTHWEST CORNER



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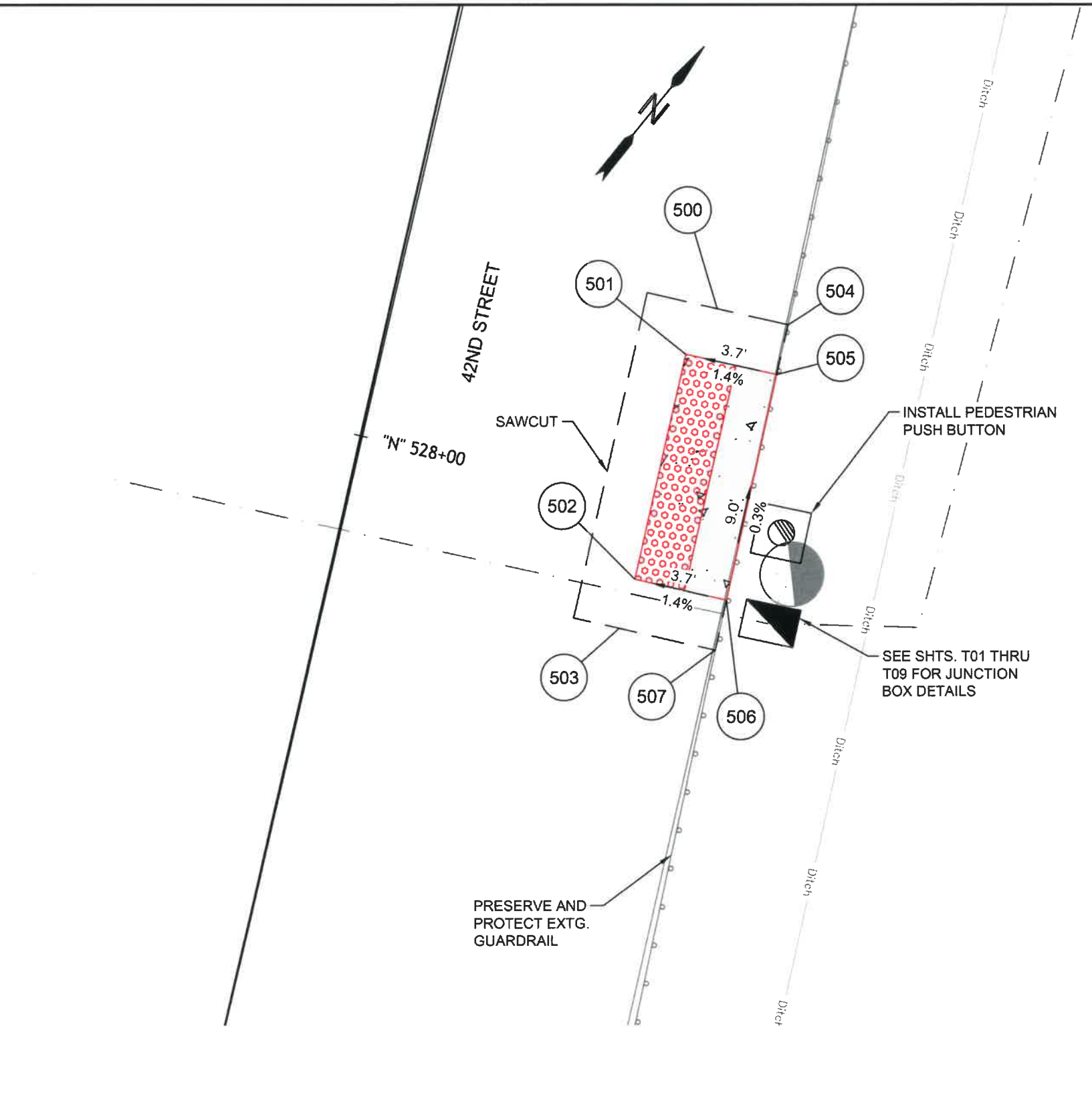
CURB RAMP DETAILS

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CHECKED BY: J. GALEAZZI

SHEET
J04
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
500	881599.505	4272242.616	477.18	FL
501	881597.710	4272243.498	477.18	FL
502	881589.631	4272247.464	477.20	FL
503	881587.836	4272248.346	477.20	FL
504	881601.096	4272245.858	477.29	AC
505	881599.300	4272246.739	477.23	SW
506	881591.252	4272250.762	477.25	SW
507	881589.463	4272251.656	477.26	AC



N 42ND STREET AND CONN. NO. 1/2
EAST SIDE



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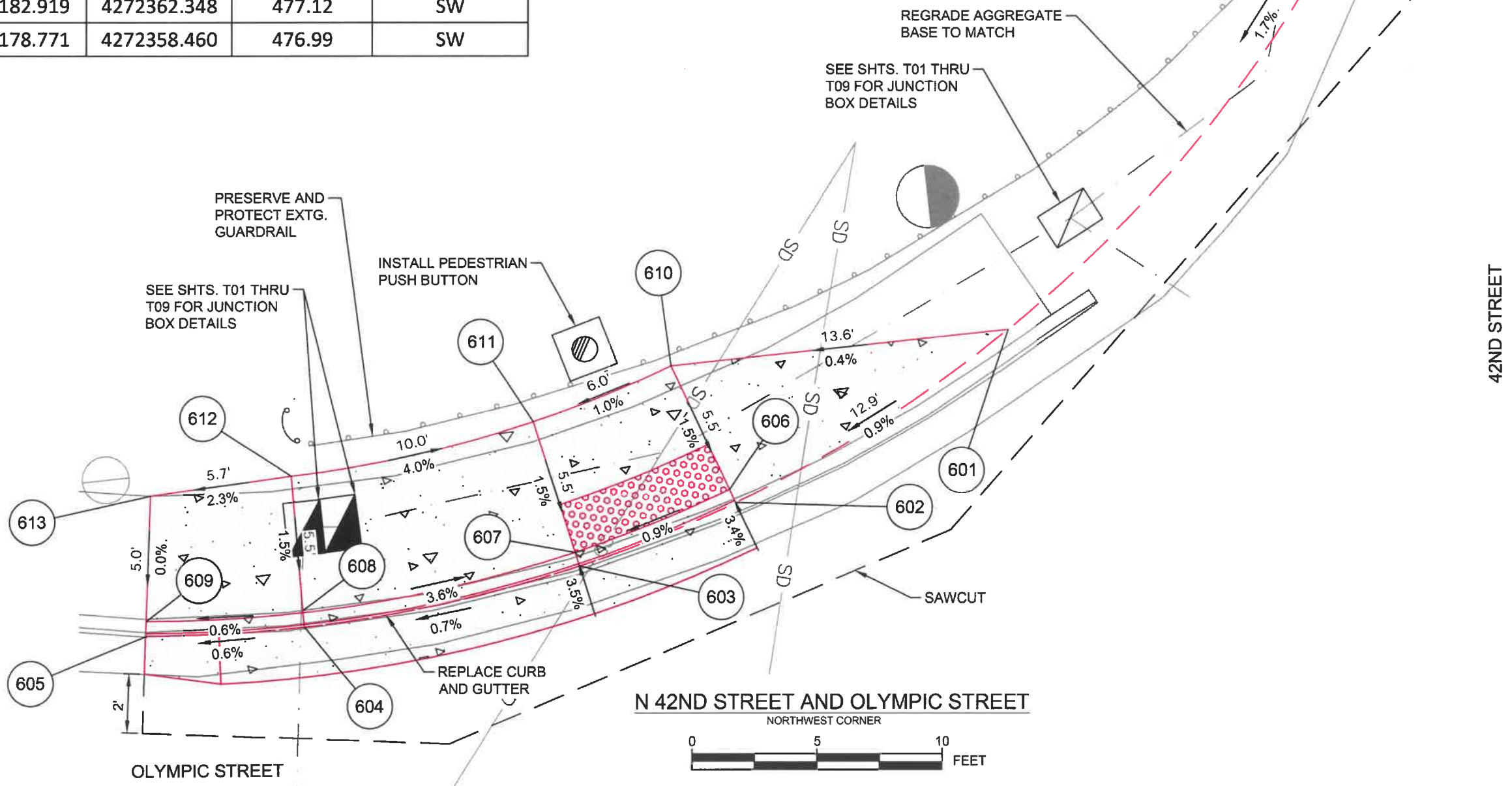
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SHEET
J06
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
600	881240.075	4272376.768	477.40	FL
601	881205.467	4272381.040	476.82	FL
602	881193.212	4272376.897	476.68	FL
603	881187.313	4272373.608	476.62	FL
604	881178.512	4272366.550	476.54	FL
605	881174.270	4272361.824	476.49	FL
606	881193.470	4272376.369	476.70	TBOC
607	881187.638	4272373.117	476.64	TBOC
608	881178.935	4272366.144	477.04	TBOC
609	881174.737	4272361.475	476.99	TBOC
610	881195.878	4272371.424	476.78	SW
611	881190.679	4272368.534	476.72	SW
612	881182.919	4272362.348	477.12	SW
613	881178.771	4272358.460	476.99	SW



No.	Revision/Issue	Date

811
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 102003PE
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 OREGON
 MARCH 14, 2023
 AUSTIN JOSEPH ZAVALA
 EXPIRES: 06/30/24

CURB RAMP DETAILS

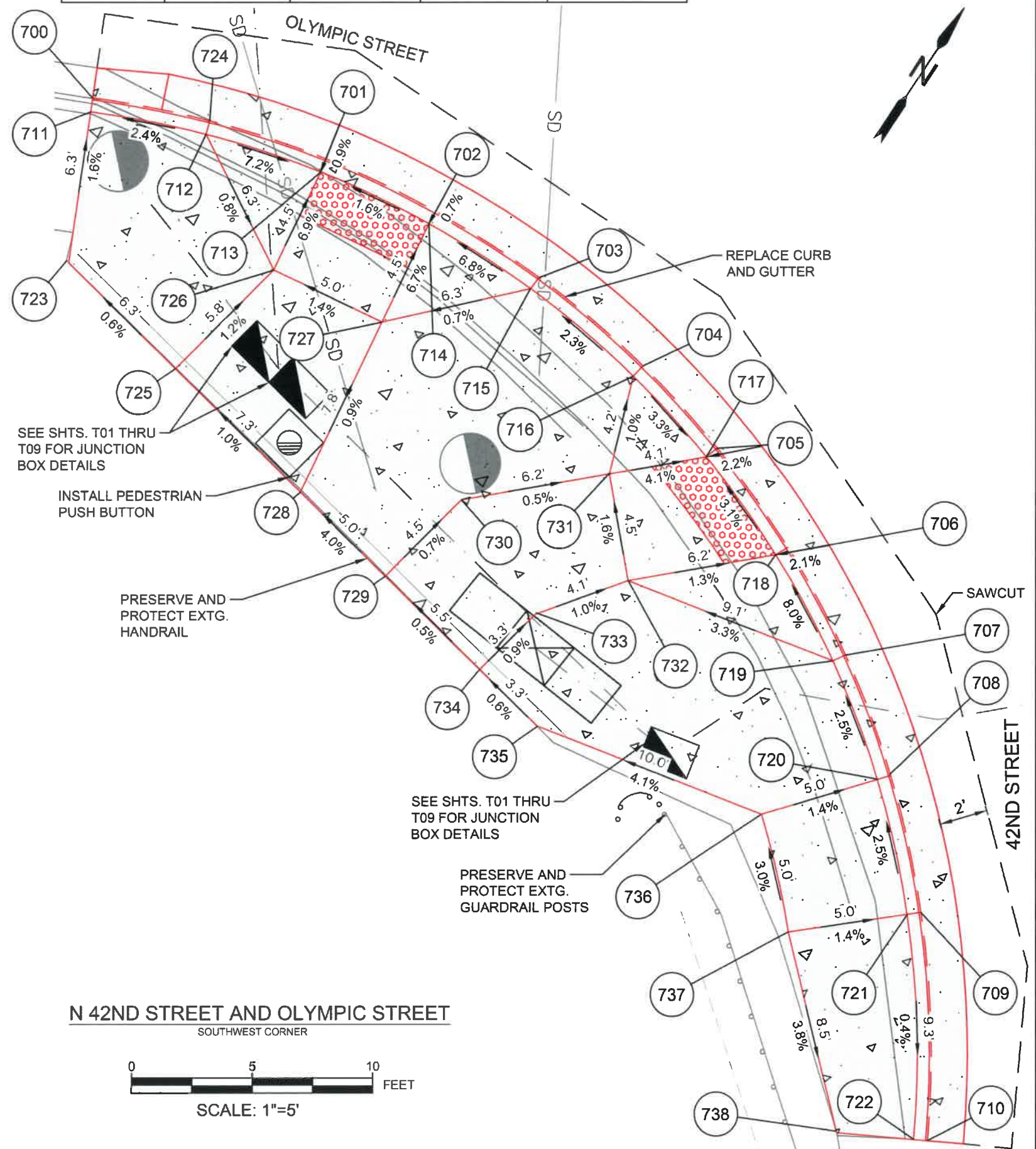
SCALE: 1" = 5'

SHEET **J07** OF **99**

DRAWN BY: R. DUERST
 DESIGNED BY: N. SCHREMSENER
 CHECKED BY: J. GALEAZZI

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
700	881133.886	4272391.610	476.54	FL
701	881137.093	4272401.086	476.78	FL
702	881137.792	4272406.112	476.86	FL
703	881137.848	4272411.182	476.97	FL
704	881137.148	4272416.816	477.11	FL
705	881136.001	4272421.281	477.20	FL
706	881134.159	4272425.990	477.36	FL
707	881131.730	4272430.441	477.51	FL
708	881128.585	4272434.755	477.64	FL
709	881124.547	4272438.927	477.79	FL
710	881116.804	4272444.345	477.96	FL
711	881133.357	4272391.857	477.04	TBOC
712	881135.213	4272396.381	477.16	TBOC
713	881136.522	4272401.203	476.80	TBOC
714	881137.210	4272406.155	476.88	TBOC
715	881137.266	4272411.152	477.22	TBOC
716	881136.578	4272416.703	477.35	TBOC
717	881135.445	4272421.103	477.22	TBOC
718	881133.630	4272425.743	477.38	TBOC
719	881131.236	4272430.129	477.76	TBOC
720	881128.138	4272434.381	477.89	TBOC
721	881124.158	4272438.491	478.04	TBOC
722	881116.527	4272443.832	477.96	TBOC
723	881127.632	4272394.524	477.14	SW
724	881135.767	4272396.195	476.64	FL
725	881126.396	4272400.664	477.18	SW
726	881132.057	4272401.803	477.11	SW
727	881132.723	4272406.758	477.18	SW
728	881124.961	4272407.811	477.25	SW
729	881123.980	4272412.676	477.45	SW
730	881128.387	4272413.589	477.42	SW
731	881132.629	4272418.119	477.39	SW
732	881122.891	4272418.090	477.46	SW
733	881126.097	4272418.754	477.50	SW
734	881129.356	4272421.193	477.53	SW
735	881122.236	4272421.350	477.55	SW

736	881124.303	4272431.173	477.96	SW
737	881120.828	4272434.762	478.11	SW
738	881114.993	4272440.989	477.79	SW



N 42ND STREET AND OLYMPIC STREET
SOUTHWEST CORNER



No.	Revision/Issue	Date



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IP TO MARCOLA ROAD**



EXPIRES: 06/30/24

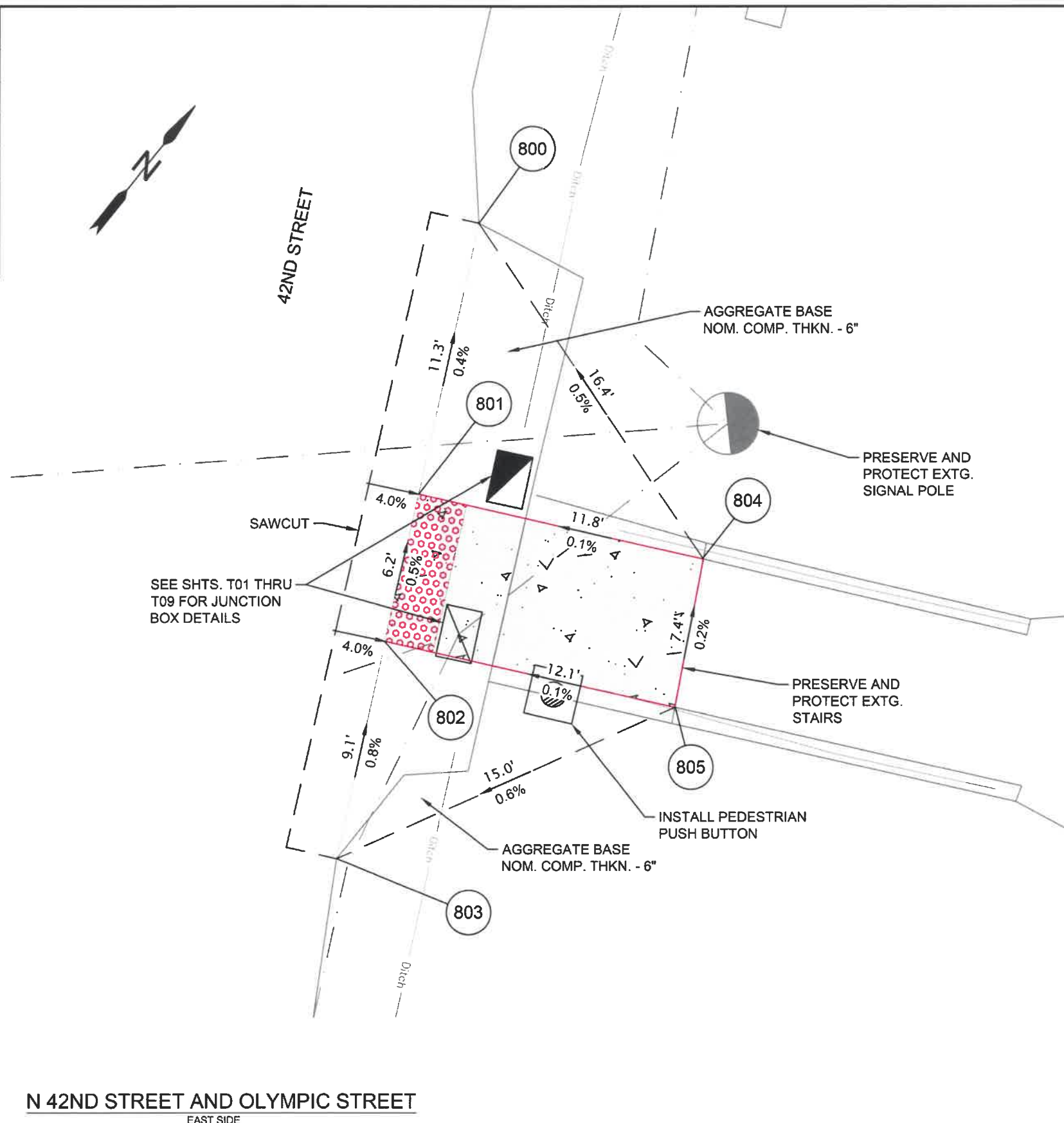
CURB RAMP DETAILS

SCALE: 1" = 5'

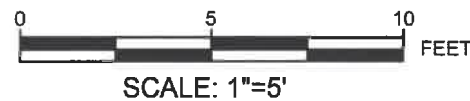
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEMER
CHECKED BY: J. GALEAZZI

SHEET
J08
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
800	881169.817	4272462.793	477.28	FL
801	881159.726	4272467.834	477.35	FL
802	881154.201	4272470.541	477.37	FL
803	881146.083	4272474.612	477.28	FL
804	881164.938	4272478.471	477.36	AC
805	881159.518	4272481.393	477.37	SW



N 42ND STREET AND OLYMPIC STREET
EAST SIDE



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IP TO MARCOLA ROAD



EXPIRES: 06/30/24

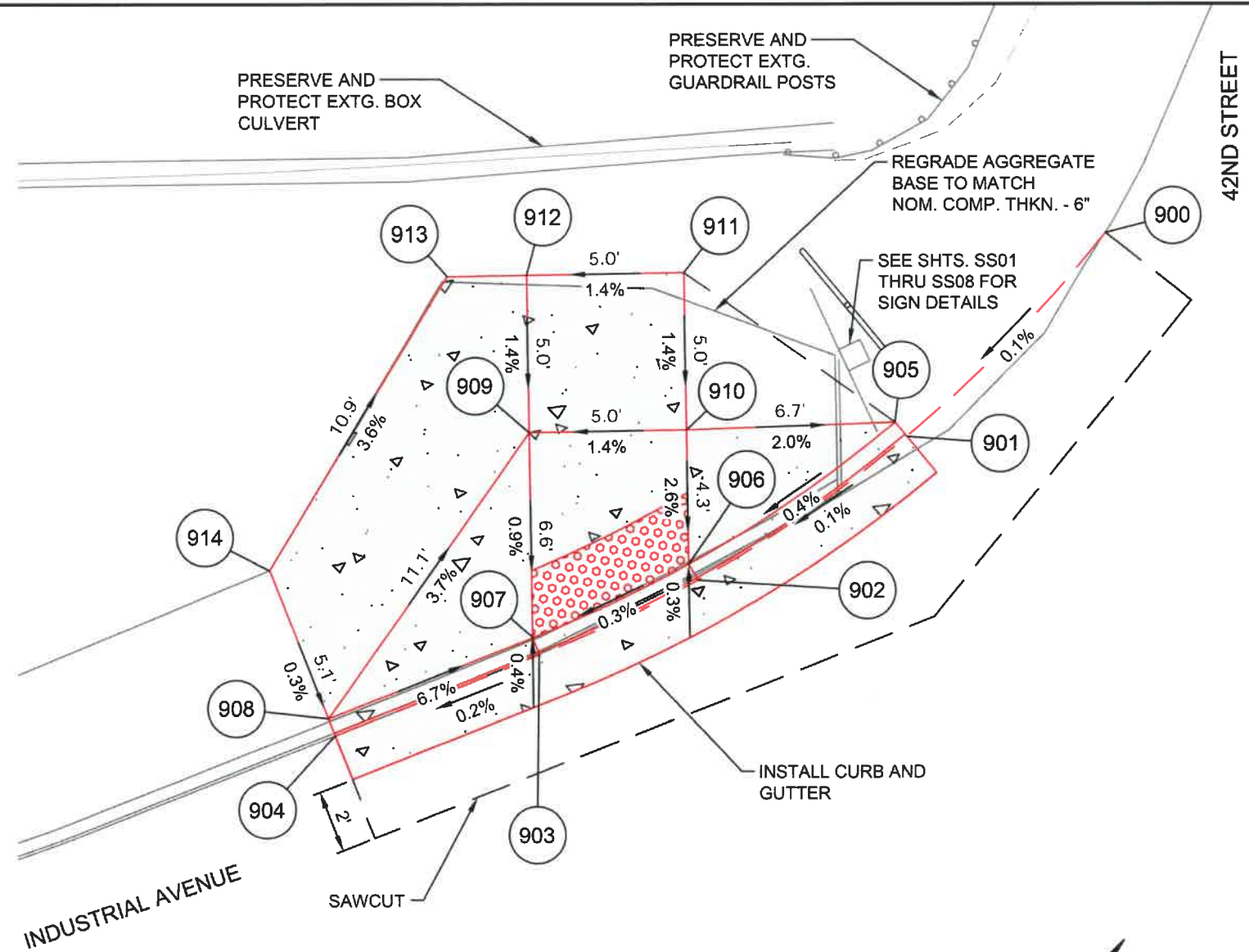
CURB RAMP DETAILS

SCALE: 1" = 5'

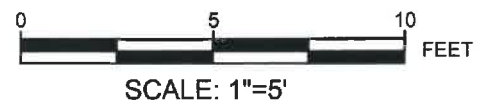
DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEK
CHECKED BY: J. GALEAZZI

SHEET
J09
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
900	880336.734	4273015.766	479.38	FL
901	880327.738	4273014.948	479.39	FL
902	880319.982	4273012.632	479.40	FL
903	880314.969	4273010.216	479.38	FL
904	880308.863	4273006.772	479.37	FL
905	880327.850	4273014.383	479.39	TBOC
906	880320.197	4273012.090	479.42	TBOC
907	880315.256	4273009.708	479.40	TBOC
908	880309.150	4273006.264	479.87	TBOC
909	880323.479	4273009.340	479.46	SW
910	880327.311	4273006.129	479.53	SW
911	880324.099	4273002.296	479.60	SW
912	880320.267	4273005.508	479.53	SW
913	880322.466	4273000.347	479.50	SW
914	880311.648	4273001.834	479.89	SW



N 42ND STREET AND INDUSTRIAL AVENUE
NORTHWEST CORNER



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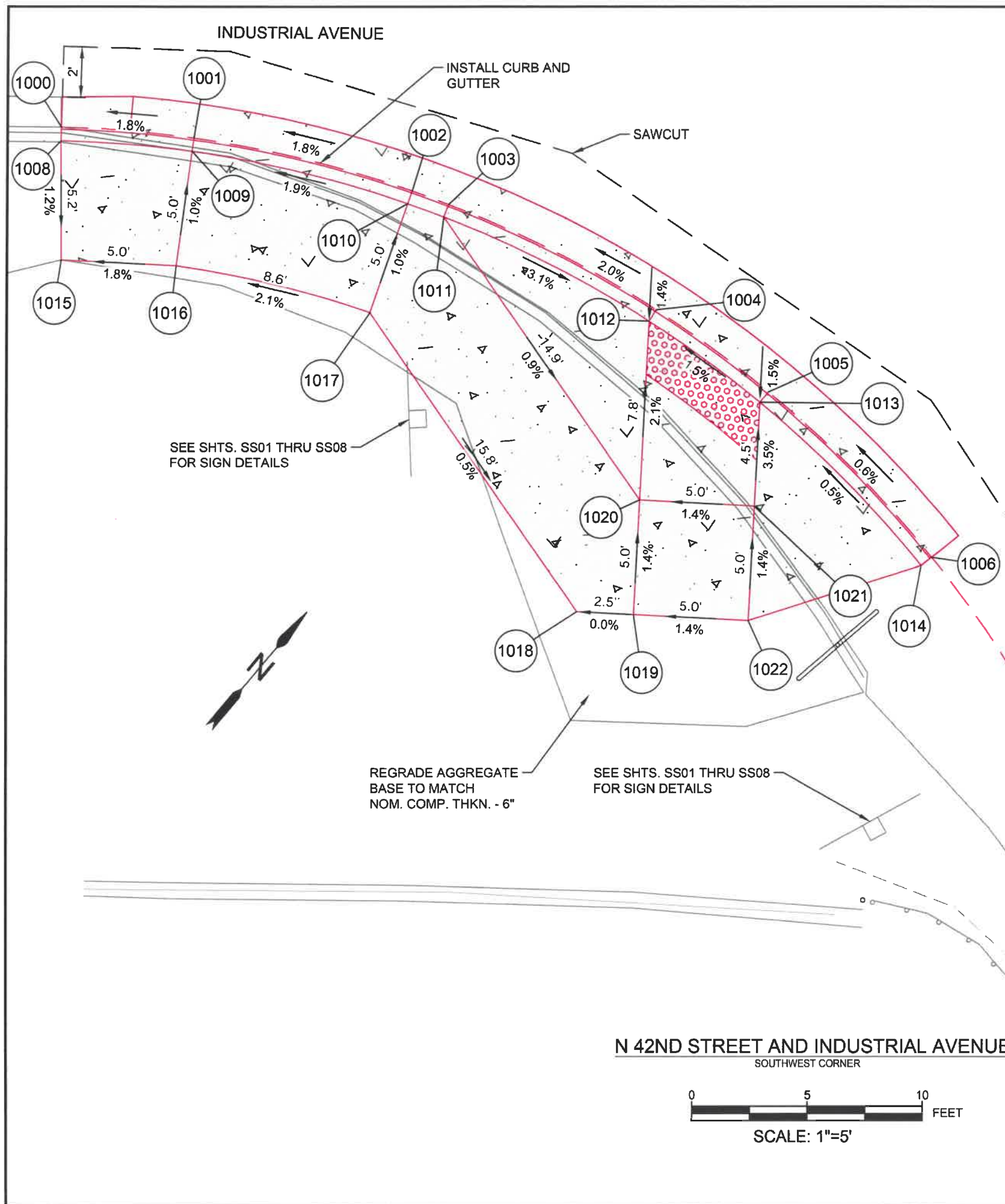
EXPIRES: 06/30/24

CURB RAMP DETAILS

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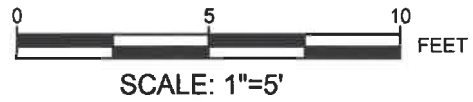
SHEET
J10
OF
99

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI



POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	880253.561	4273028.064	479.92	FL
1001	880256.916	4273032.790	480.02	FL
1002	880261.254	4273041.505	480.20	FL
1003	880261.830	4273043.096	480.23	FL
1004	880264.126	4273052.934	480.42	FL
1005	880264.535	4273058.961	480.51	FL
1006	880263.587	4273069.018	480.56	FL
1007	880250.310	4273094.799	481.22	FL
1008	880253.106	4273028.430	480.42	TBOC
1009	880256.421	4273033.100	480.52	TBOC
1010	880260.709	4273041.713	480.70	TBOC
1011	880261.278	4273043.285	480.73	TBOC
1012	880263.548	4273053.007	480.44	TBOC
1013	880263.952	4273058.966	480.53	TBOC
1014	880263.015	4273068.905	480.56	TBOC
1015	880249.174	4273031.772	480.48	SW
1016	880252.183	4273035.753	480.57	SW
1017	880256.037	4273043.494	480.75	SW
1018	880251.859	4273058.746	480.67	SW
1019	880253.339	4273060.708	480.67	SW
1020	880257.331	4273057.697	480.60	SW
1021	880260.342	4273061.689	480.67	SW
1022	880256.350	4273064.700	480.74	SW

N 42ND STREET AND INDUSTRIAL AVENUE
SOUTHWEST CORNER



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



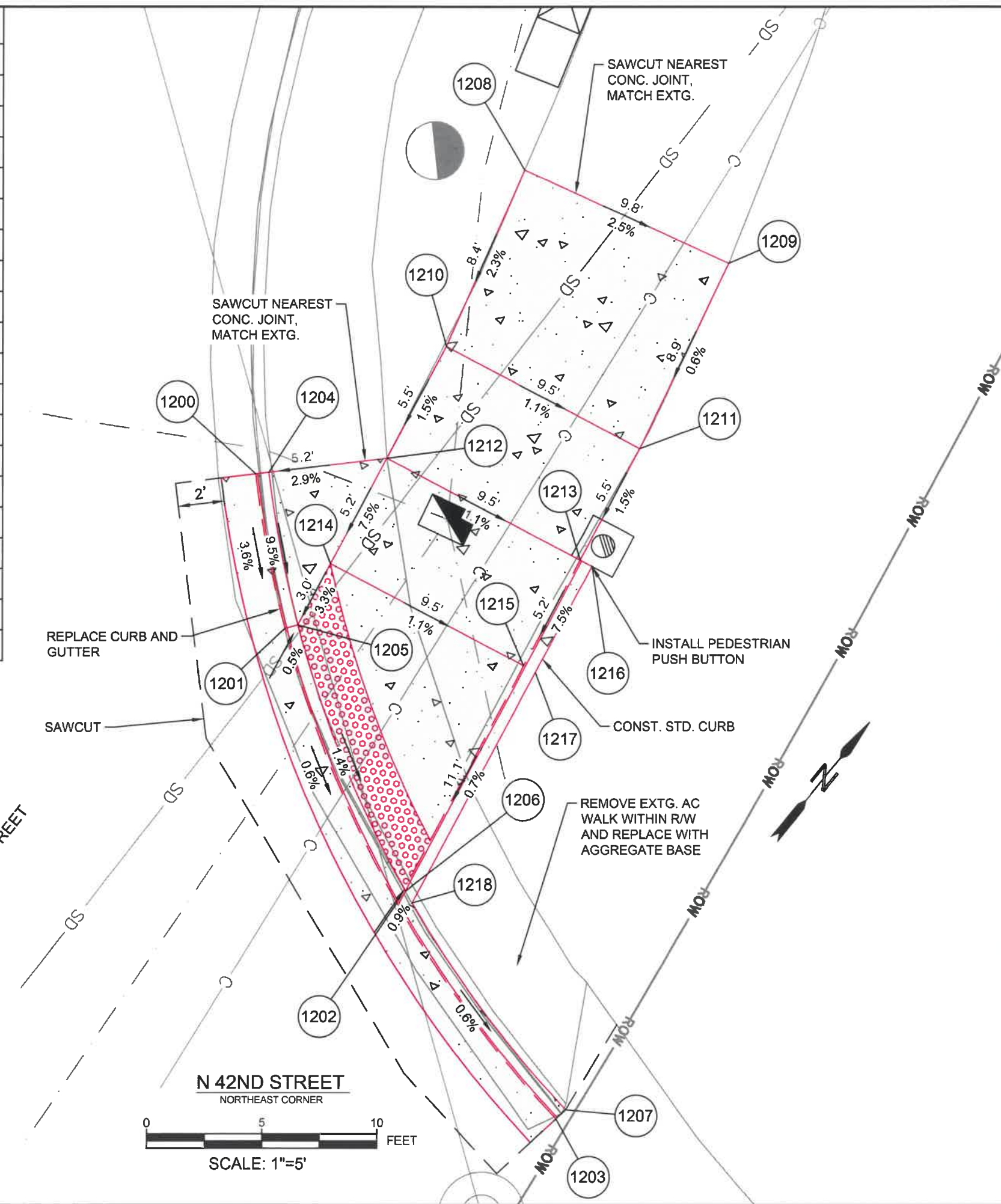
REGISTERED PROFESSIONAL ENGINEER
102003PE
Digitally Signed 2024.03.08 08:32:21-08'00'
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

CURB RAMP DETAILS


SCALE: 1' = 5'

DRAWN BY: R. DUERST	SHEET J11 OF 99
DESIGNED BY: N. SCHREMSE	
CHECKED BY: J. GALEAZZI	

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1200	879405.317	4273758.282	486.52	FL
1201	879400.892	4273763.521	486.27	FL
1202	879394.655	4273774.859	486.19	FL
1203	879391.700	4273786.139	486.12	FL
1204	879405.736	4273758.688	486.93	TBOC
1205	879401.362	4273763.866	486.29	TBOC
1206	879395.335	4273774.726	486.21	TBOC
1207	879392.277	4273786.220	486.18	TBOC
1208	879422.913	4273759.027	487.05	SW
1209	879425.360	4273768.476	486.81	SW
1210	879414.843	4273761.227	486.86	SW
1211	879416.668	4273770.550	486.76	SW
1212	879409.445	4273762.284	486.78	SW
1213	879411.270	4273771.607	486.68	SW
1214	879404.333	4273763.285	486.39	SW
1215	879406.158	4273772.608	486.29	SW
1216	879411.382	4273772.179	486.78	TBOC
1217	879406.270	4273773.180	486.79	TBOC
1218	879395.082	4273775.369	486.70	TBOC



No.	Revision/Issue	Date



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Call before you dig.**

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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**





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102003PE
Digitally Signed 2024.03.22 07:50:49-07'00"
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

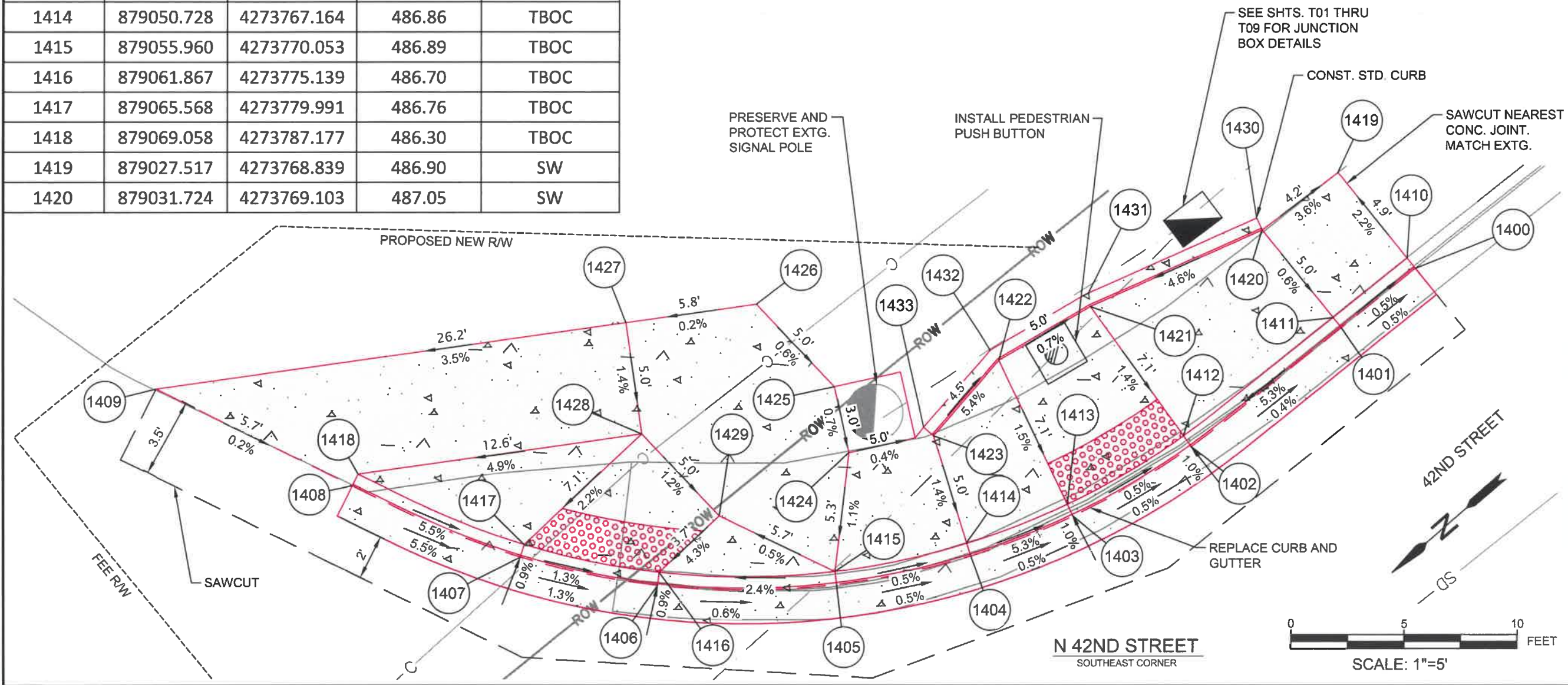
CURB RAMP DETAILS

SCALE: 1" = 5'

DRAWN BY: R. DUERST	SHEET J13 OF 99
DESIGNED BY: N. SCHREMSEMER	
CHECKED BY: J. GALEAZZI	

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1400	879027.720	4273763.367	486.51	FL
1401	879031.932	4273763.523	486.52	FL
1402	879040.398	4273763.891	486.55	FL
1403	879046.379	4273764.992	486.59	FL
1404	879050.963	4273766.630	486.61	FL
1405	879056.287	4273769.569	486.64	FL
1406	879062.296	4273774.744	486.68	FL
1407	879066.062	4273779.682	486.74	FL
1408	879069.596	4273786.952	486.30	FL
1409	879073.335	4273795.904	486.28	FL
1410	879027.699	4273763.951	487.01	TBOC
1411	879031.910	4273764.106	487.02	TBOC
1412	879040.345	4273764.471	486.57	TBOC
1413	879046.223	4273765.554	486.61	TBOC
1414	879050.728	4273767.164	486.86	TBOC
1415	879055.960	4273770.053	486.89	TBOC
1416	879061.867	4273775.139	486.70	TBOC
1417	879065.568	4273779.991	486.76	TBOC
1418	879069.058	4273787.177	486.30	TBOC
1419	879027.517	4273768.839	486.90	SW
1420	879031.724	4273769.103	487.05	SW

1421	879039.690	4273771.524	486.67	SW
1422	879044.322	4273772.377	486.71	SW
1423	879048.712	4273771.740	486.93	SW
1424	879052.026	4273773.633	486.95	SW
1425	879050.597	4273776.270	486.97	SW
1426	879050.804	4273781.312	487.00	SW
1427	879055.697	4273784.481	486.99	SW
1428	879058.415	4273780.284	486.92	SW
1429	879058.211	4273775.289	486.86	SW
1430	879031.555	4273769.661	487.05	SW
1431	879039.549	4273772.091	487.16	SW
1432	879044.310	4273772.968	487.19	SW
1433	879048.796	4273772.317	487.43	TBOC



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Digitally Signed 2024.04.01 07:45:36-0700
OREGON
MARCH 14, 2023
AUSTIN JOSEPH ZAVALA
EXPIRES: 06/30/24

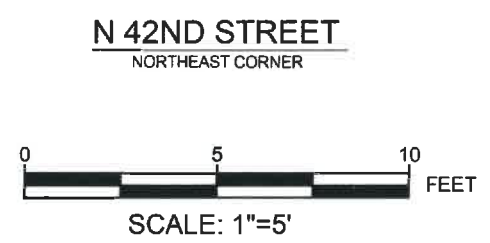
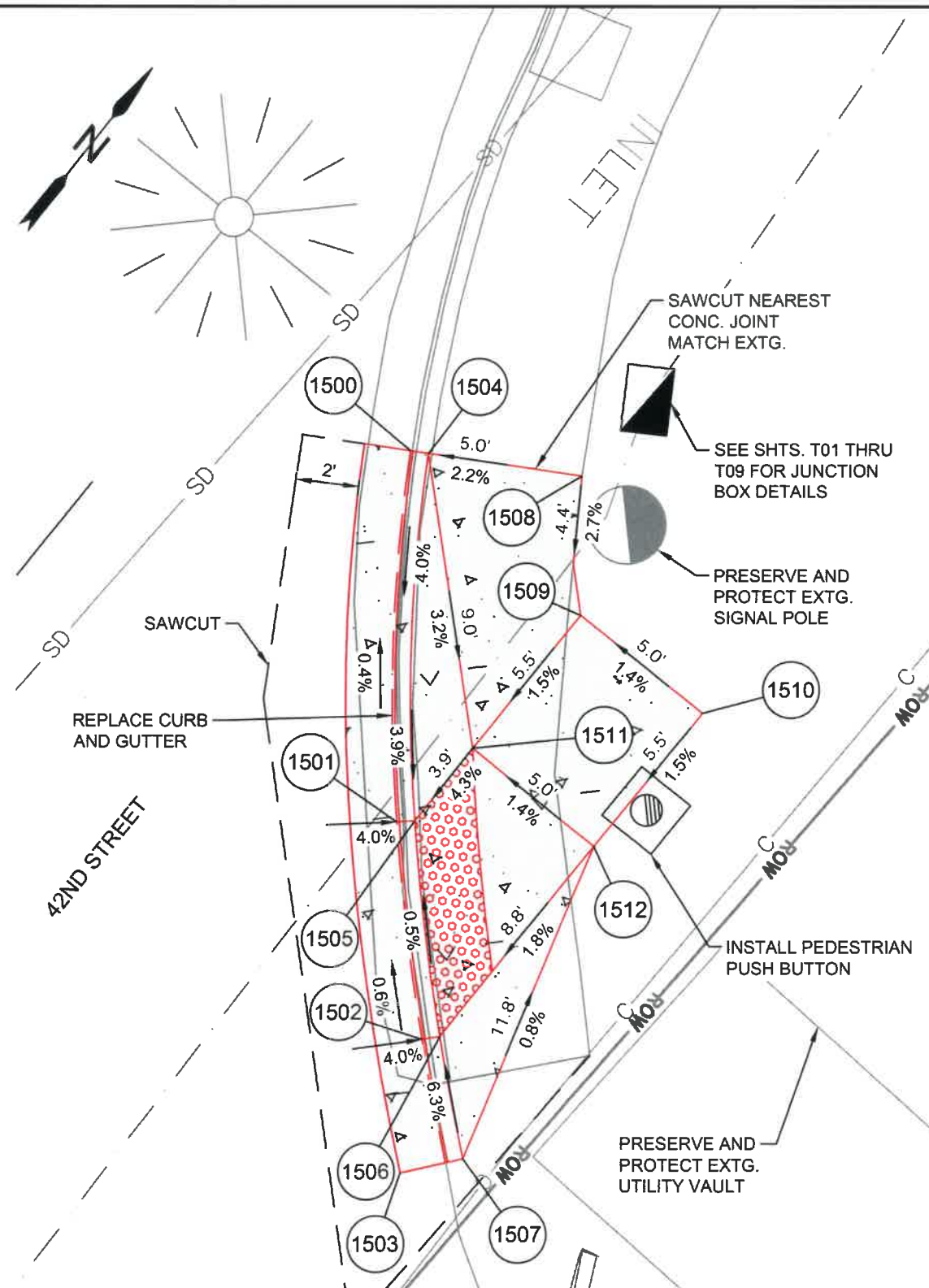
CURB RAMP DETAILS

SCALE: 1" = 5'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
J15
OF
99

POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1500	879152.679	4273761.260	485.75	FL
1501	879143.144	4273768.432	485.81	FL
1502	879138.229	4273773.471	485.85	FL
1503	879135.628	4273776.557	485.87	FL
1504	879152.976	4273761.762	486.27	TBOC
1505	879143.542	4273768.858	485.83	TBOC
1506	879138.665	4273773.858	485.87	TBOC
1507	879136.091	4273776.920	486.12	TBOC
1508	879155.528	4273766.074	486.16	SW
1509	879152.028	4273768.858	486.04	SW
1510	879152.028	4273773.858	486.11	SW
1511	879146.528	4273768.858	485.96	SW
1512	879146.528	4273773.858	486.03	SW



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IP TO MARCOLA ROAD



EXPIRES: 06/30/24

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DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET
J16
OF
99

NOTE:

1. PLACE INLET/CATCH BASIN PROTECTION AT EXISTING FIXTURES AS SHOWN OR AS DIRECTED BY THE ENGINEER. (SEE DETAILS ON SHT. Q12).

GENERAL NOTES:

1. CONCRETE WASHOUTS ARE TO BE PROVIDED ON THIS PROJECT. LOCATE AS DIRECTED BY THE ENGINEER.
2. SAWCUTTING SLURRY IS TO BE VACUUMED.

EROSION CONTROL STANDARD NOTES:

- | | |
|--|---|
| <p>A. APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL PLAN (ESCP) DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).</p> <p>B. APPROVAL OF THIS ESCP DOES NOT RELIEVE THE PERMIT HOLDER AND OR THE CONTRACTOR FROM ALL OTHER PERMITTING REQUIREMENTS. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, ALL OTHER NECESSARY APPROVALS SHALL BE OBTAINED.</p> <p>C. AN INSPECTION OF THE EROSION CONTROL MEASURES BY CITY LDAP STAFF IS REQUIRED PRIOR TO ANY GROUND DISTURBANCE ON THE SITE.</p> <p>D. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.</p> <p>E. THE IMPLEMENTATION OF THE ESCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADE OF THE EROSION AND SEDIMENT CONTROL MEASURES IS THE RESPONSIBILITY OF THE PERMIT HOLDER AND OR THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY THE CITY AND VEGETATION/LANDSCAPING IS ESTABLISHED PER THE REQUIRED WARRANTY PERIOD.</p> <p>F. IN THE EVENT THE ESC FACILITIES IDENTIFIED ON THE ESCP ARE NOT FUNCTIONING PROPERLY, THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATELY IMPLEMENTING CHANGES TO THE ESCP AS DIRECTED BY THE ESCP ENGINEER OR HIS INSPECTOR. THE ENGINEER, HIS INSPECTOR OR THE CITY MAY STOP ALL CONSTRUCTION ACTIVITY ON SITE UNTIL THE EROSION PROBLEM IS CORRECTED AND ALL ESC FACILITIES ARE FUNCTIONING PROPERLY. IF THE CONTRACTOR DOES NOT IMMEDIATELY IMPLEMENT CHANGES TO THE ESCP IDENTIFIED BY THE ESCP ENGINEER OR HIS INSPECTOR, THE CITY MAY IMPLEMENT THE NECESSARY CHANGES AND REQUIRE PAYMENT FROM THE CONTRACTOR PRIOR TO PROJECT ACCEPTANCE BY THE CITY.</p> <p>G. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMIT HOLDER AND OR THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.</p> <p>H. THE EROSION AND SEDIMENT CONTROL MEASURES ON ACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN THE 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD. MEASURES SHALL BE INSPECTED BY THE PERMIT HOLDER AND OR THE CONTRACTOR AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS OR ADJUSTMENTS SHALL BE MADE IMMEDIATELY. THE EROSION AND SEDIMENT CONTROL MEASURES ON INACTIVE SITES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY TWO (2) WEEKS OR WITHIN 48 HOURS FOLLOWING A STORM EVENT. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30).</p> <p>I. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT OR TEMPORARY RE-VEGETATION HAS BEEN STABILIZED. ANY MEASURE THAT IS DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED IMMEDIATELY.</p> <p>J. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) OR SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30) SHALL BE IMMEDIATELY STABILIZED WITH AN APPROVED ESC METHOD (SEEDING & MULCHING WITH STRAW, BARK, COMPOST, OR PLASTIC COVERING, ETC.).</p> | <p>K. A SUPPLY OF MATERIALS NECESSARY TO MEET COMPLIANCE AND IMPLEMENT THE LDAP OR OTHER BEST MANAGEMENT EROSION PRACTICES UNDER ALL WEATHER CONDITIONS SHALL BE MAINTAINED AT ALL TIMES ON THE CONSTRUCTION SITE.</p> <p>L. NO HAZARDOUS SUBSTANCES, SUCH AS PAINTS, THINNERS, FUELS AND OTHER CHEMICALS SHALL BE RELEASED ONTO THE SITE, ADJACENT PROPERTIES, OR INTO WATER FEATURES, THE CITY'S STORM WATER SYSTEM, OR RELATED NATURAL RESOURCES.</p> <p>M. STREET SWEEPING SHALL BE PERFORMED AS NEEDED OR WHEN DIRECTED BY THE CITY INSPECTOR TO ENSURE PUBLIC RIGHT-OF-WAYS ARE KEPT CLEAN AND FREE OF DEBRIS. STREET FLUSHING IS PROHIBITED.</p> <p>N. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER WATER-TIGHT TRUCKS SHALL BE USED OR LOADS SHALL BE DRAINED ON SITE UNTIL DRIPPING HAS BEEN REDUCED TO NO MORE THAN ONE GALLON PER HOUR. SEDIMENT LADEN WATER WILL NOT BE ALLOWED TO ENTER THE STORM WATER SYSTEM</p> <p>O. EXTRACTED GROUND WATER FROM EXCAVATED TRENCHES SHALL BE DISPOSED OF IN A SUITABLE MANNER WITHOUT DAMAGE TO ADJACENT PROPERTY, PUBLIC STORM WATER SYSTEM, WATER FEATURES, AND RELATED NATURAL RESOURCES. APPROVAL OF A DEWATERING SYSTEM DOES NOT GUARANTEE THAT IT WILL MEET COMPLIANCE OR BE ACCEPTABLE FOR USE IN ALL SITUATIONS. MODIFICATIONS TO THE DEWATERING SYSTEM WILL BE REQUIRED IF COMPLIANCE CAN NOT BE MET. AT NO TIME WILL SEDIMENT LADEN WATER BE ALLOWED TO LEAVE THE CONSTRUCTION SITE.</p> <p>P. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.</p> <p>Q. ANY REQUIRED STABILIZED CONSTRUCTION ENTRANCES AND ROADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.</p> <p>R. ANY PERMANENT FLOW CONTROL FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY.</p> <p>S. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO TO THREE INCHES.</p> <p>T. IN PREPARATION OF THE WET SEASON, ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE CITY BY SEPTEMBER 15. THE CITY CAN REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES. DISTURBED AREAS IDENTIFIED FOR SEEDING SHALL BE SEEDED PRIOR TO THE BEGINNING OF THE WET SEASON (OCTOBER 1).</p> |
|--|---|

No.	Revision/Issue	Date

811

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REGISTERED PROFESSIONAL ENGINEER

102003PE

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OREGON

MARCH 14, 2023

AUSTIN JOSEPH ZAVALA

EXPIRES: 06/30/24

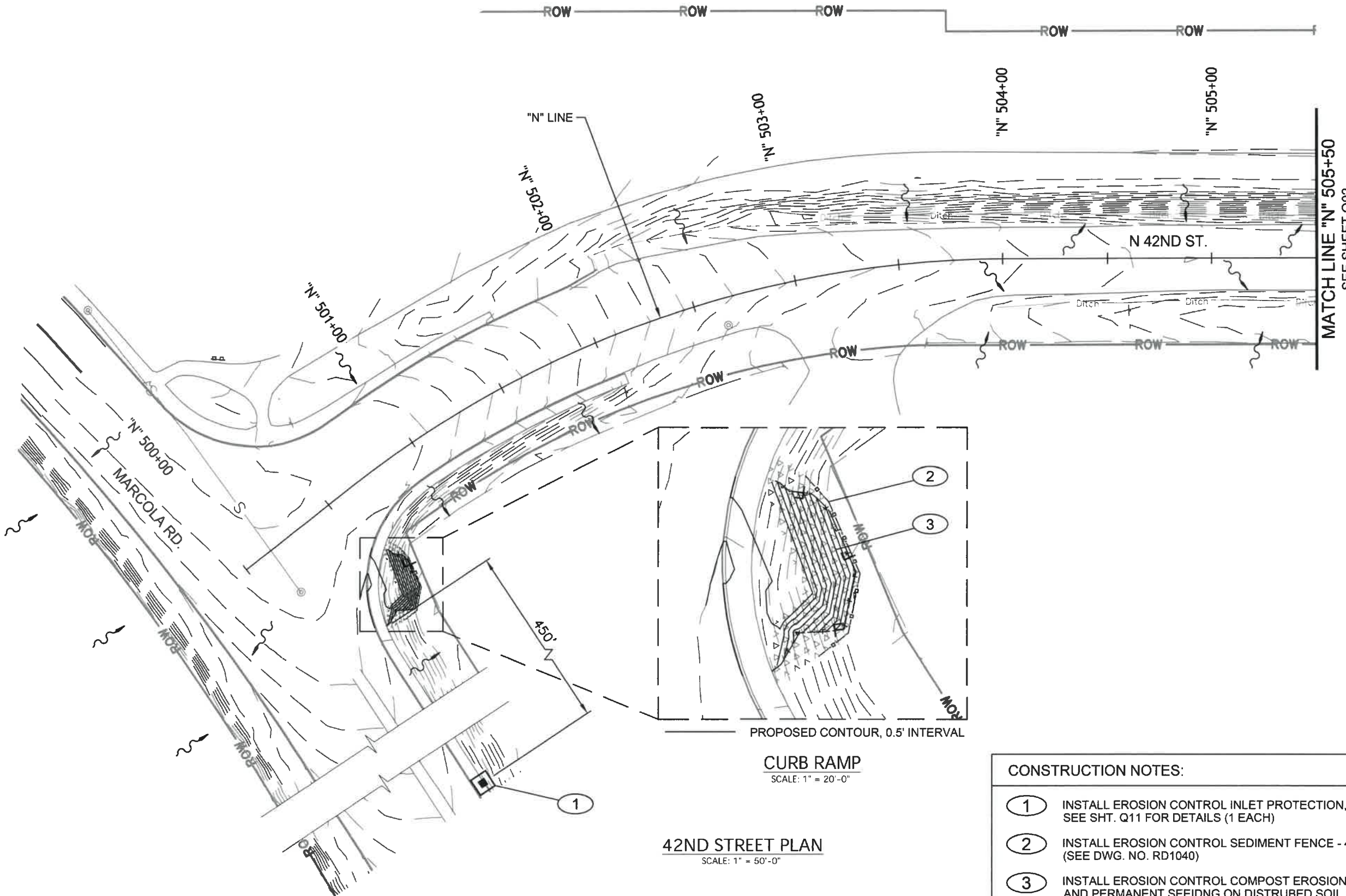
EROSION AND SEDIMENT CONTROL NOTES

SCALE: NTS

SHEET Q01 OF 99

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

DEMOLITION, CLEARING, GRADING, TRENCHING, EXCAVATING, STREETS & UTILITIES
STAGE I THRU III



MATCH LINE "N" 505+50
SEE SHEET Q02

PROPOSED CONTOUR, 0.5' INTERVAL

CURB RAMP
SCALE: 1" = 20'-0"

42ND STREET PLAN
SCALE: 1" = 50'-0"

- CONSTRUCTION NOTES:
- ① INSTALL EROSION CONTROL INLET PROTECTION, TYPE 10. SEE SHT. Q11 FOR DETAILS (1 EACH)
 - ② INSTALL EROSION CONTROL SEDIMENT FENCE - 41 FT. (SEE DWG. NO. RD1040)
 - ③ INSTALL EROSION CONTROL COMPOST EROSION BLANKET AND PERMANENT SEEDING ON DISTURBED SOIL = 49 SQ. YD. SEE SHT. Q11 FOR DETAILS

No.	Revision/Issue	Date



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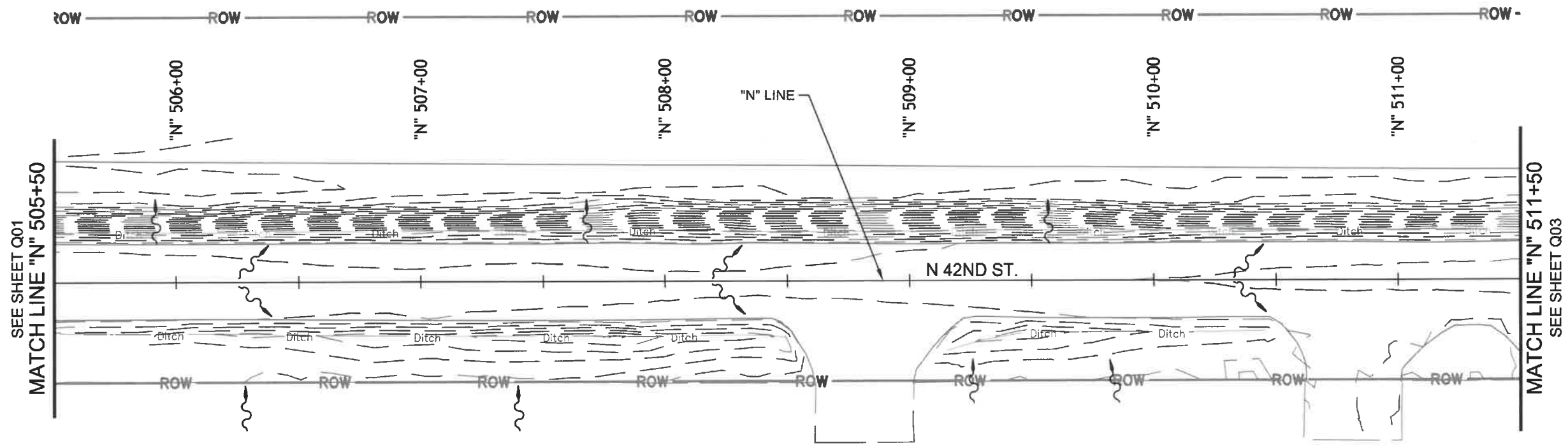
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

SHEET
Q02
OF
99

DEMOLITION, CLEARING, GRADING, TRENCHING, EXCAVATING, STREETS & UTILITIES
STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

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EXPIRES: 06/30/24

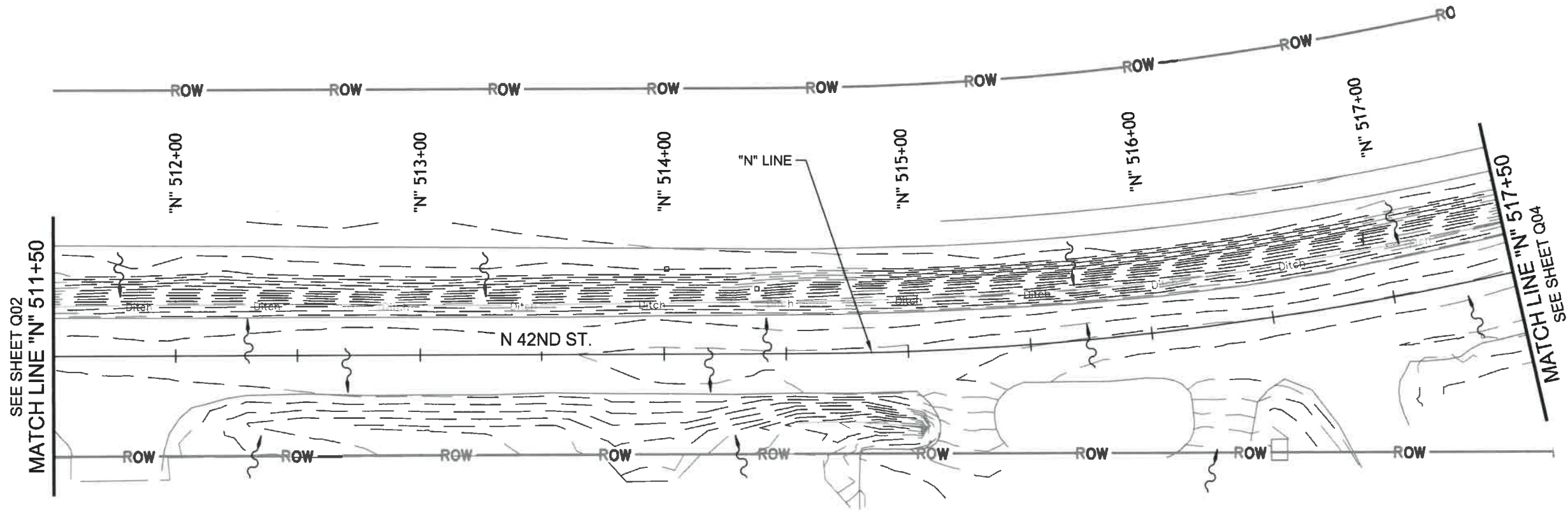
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

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DESIGNED BY: N. SCHREMSENER
CHECKED BY: J. GALEAZZI

SHEET Q03 OF 99

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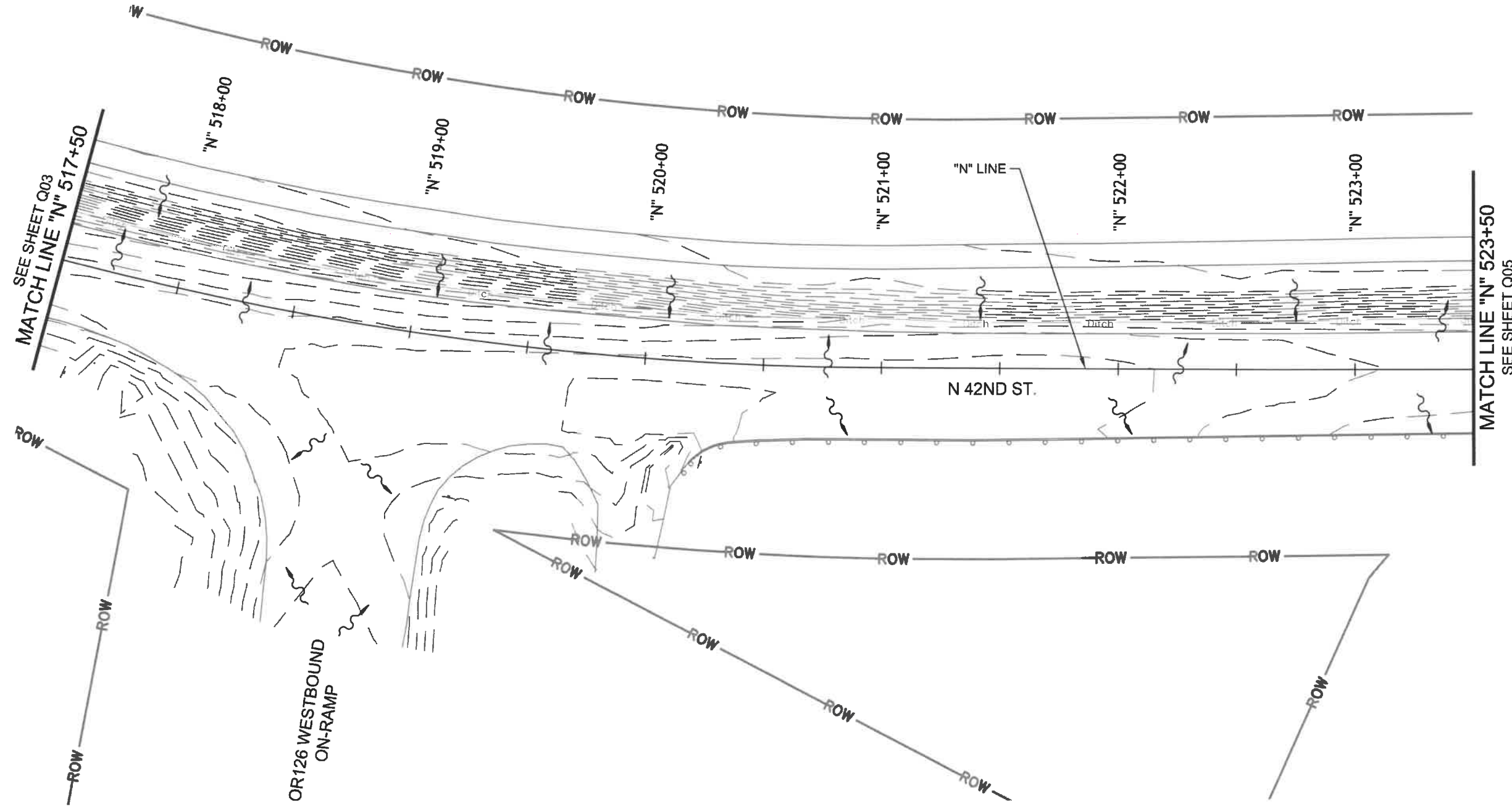
EXPIRES: 06/30/24

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'
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SHEET
Q04
OF
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DEMOLITION, CLEARING, GRADING, TRENCHING, EXCAVATING, STREETS & UTILITIES
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EXPIRES: 06/30/24

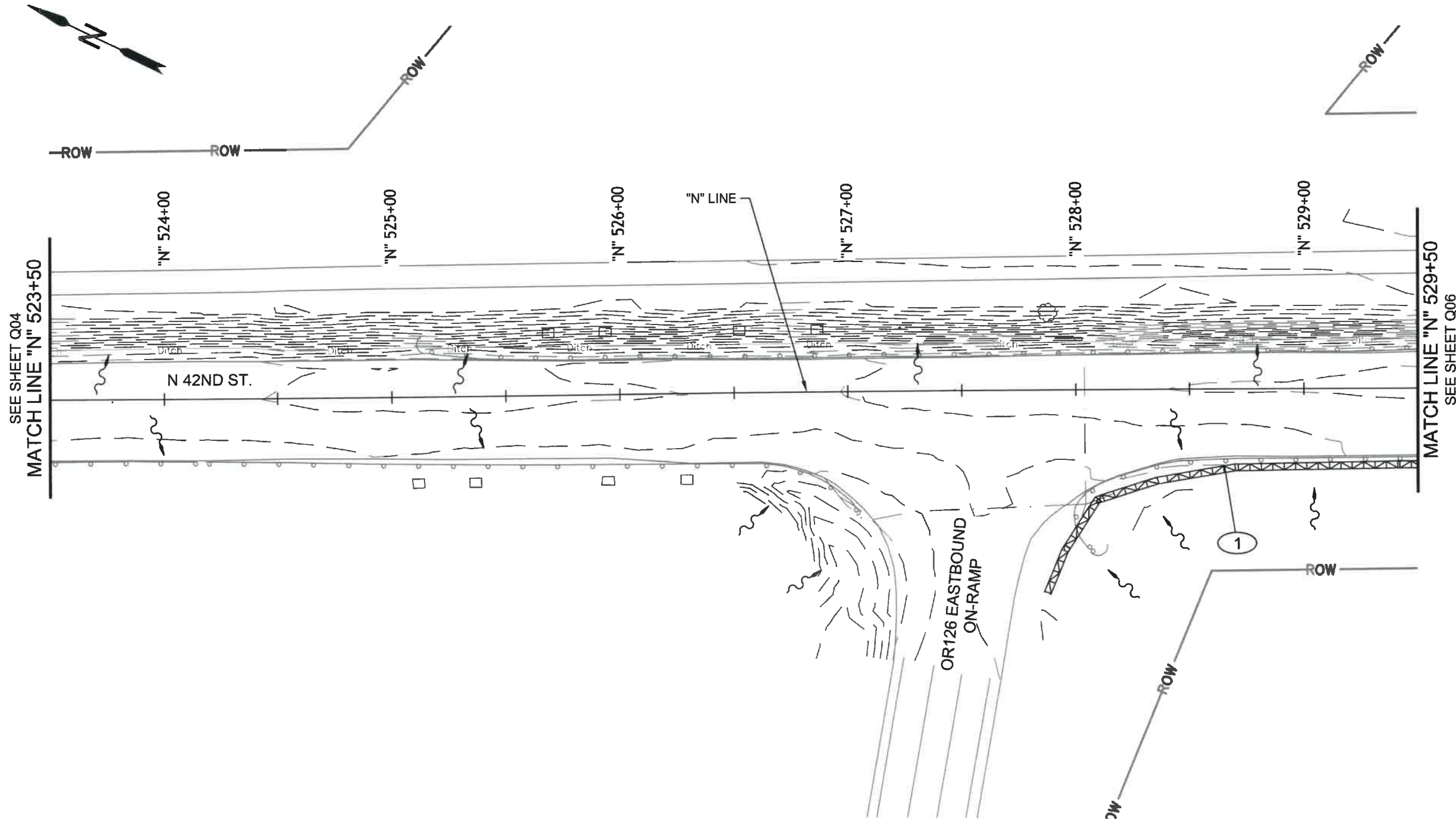
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSEER
CHECKED BY: J. GALEAZZI

SHEET Q05 OF 99

DEMOLITION, CLEARING, GRADING, TRENCHING, EXCAVATING, STREETS & UTILITIES
STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① INSTALL EROSION CONTROL SEDIMENT BARRIER, TYPE 8 - 503 FT. (SEE DWG. NO. RD1032)

No.	Revision/Issue	Date



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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**



EXPIRES: 06/30/24

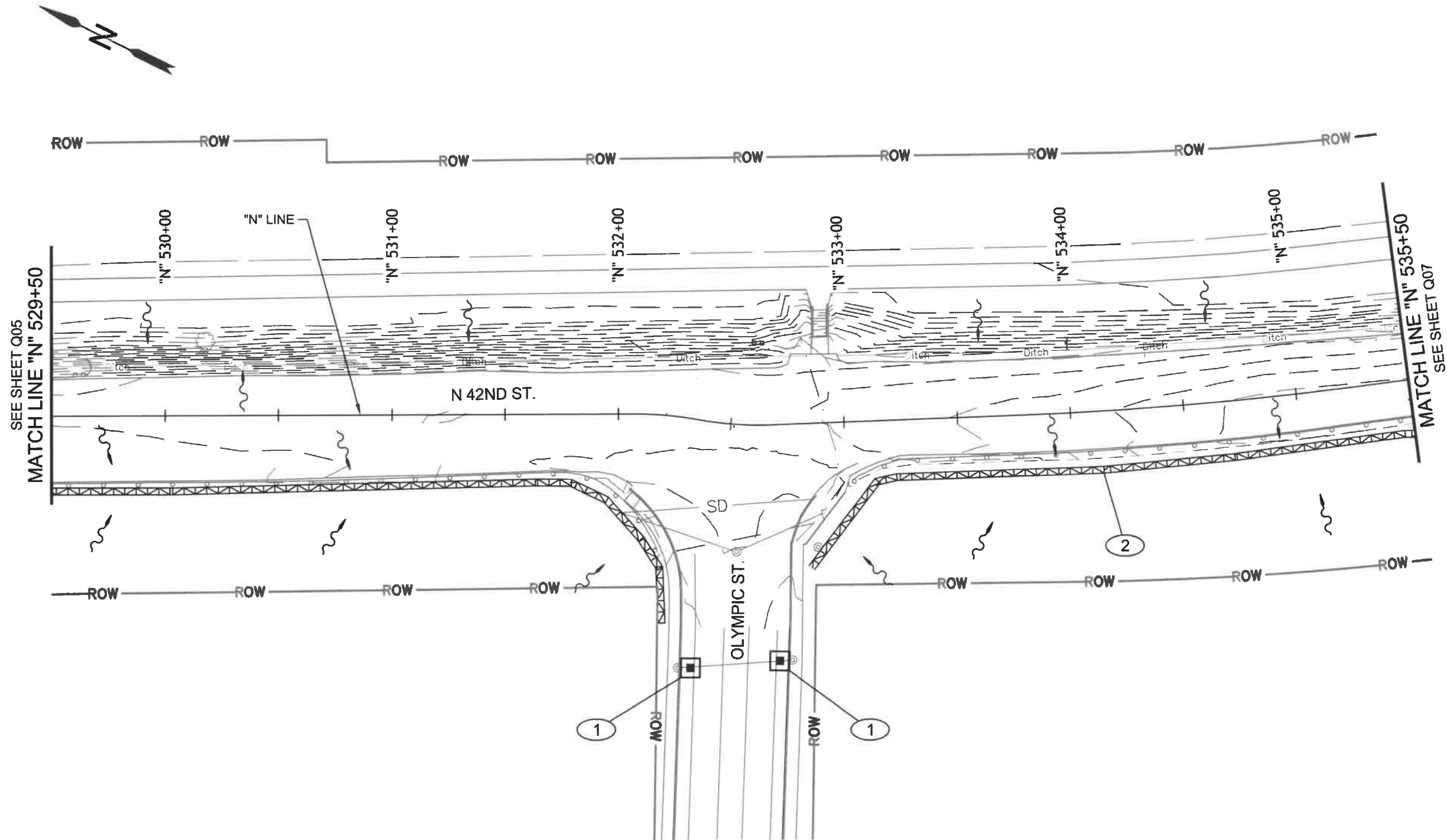
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

**SHEET
Q06
OF
99**

DRAWN BY: R. DUERST
DESIGNED BY: N. SCHREMSE
CHECKED BY: J. GALEAZZI

DEMOLITION, CLEARING, GRADING, TRENCHING, EXCAVATING, STREETS & UTILITIES
STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① INSTALL EROSION CONTROL INLET PROTECTION, TYPE 10. SEE SHT. Q11 FOR DETAILS (2 EACH)
- ② INSTALL EROSION CONTROL SEDIMENT BARRIER, TYPE 8 - 348 FT.

No.	Revision/Issue	Date



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EXPIRES: 06/30/24

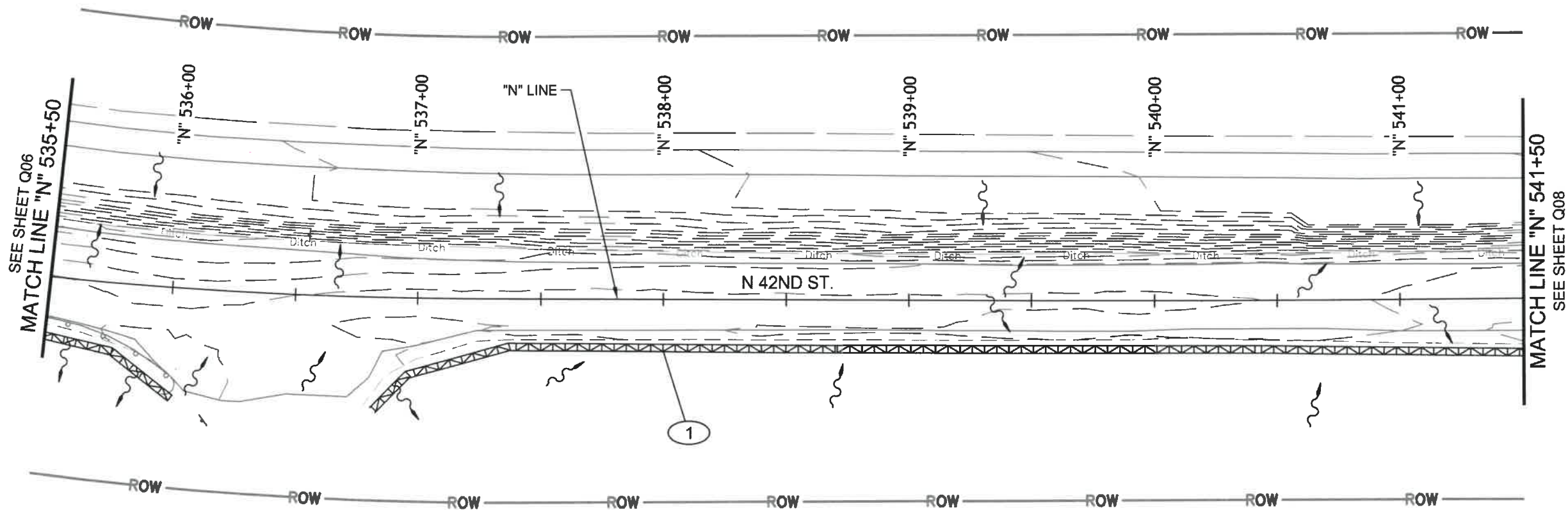
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

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STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① INSTALL EROSION CONTROL SEDIMENT BARRIER, TYPE 8 - 605 FT.

No.	Revision/Issue	Date



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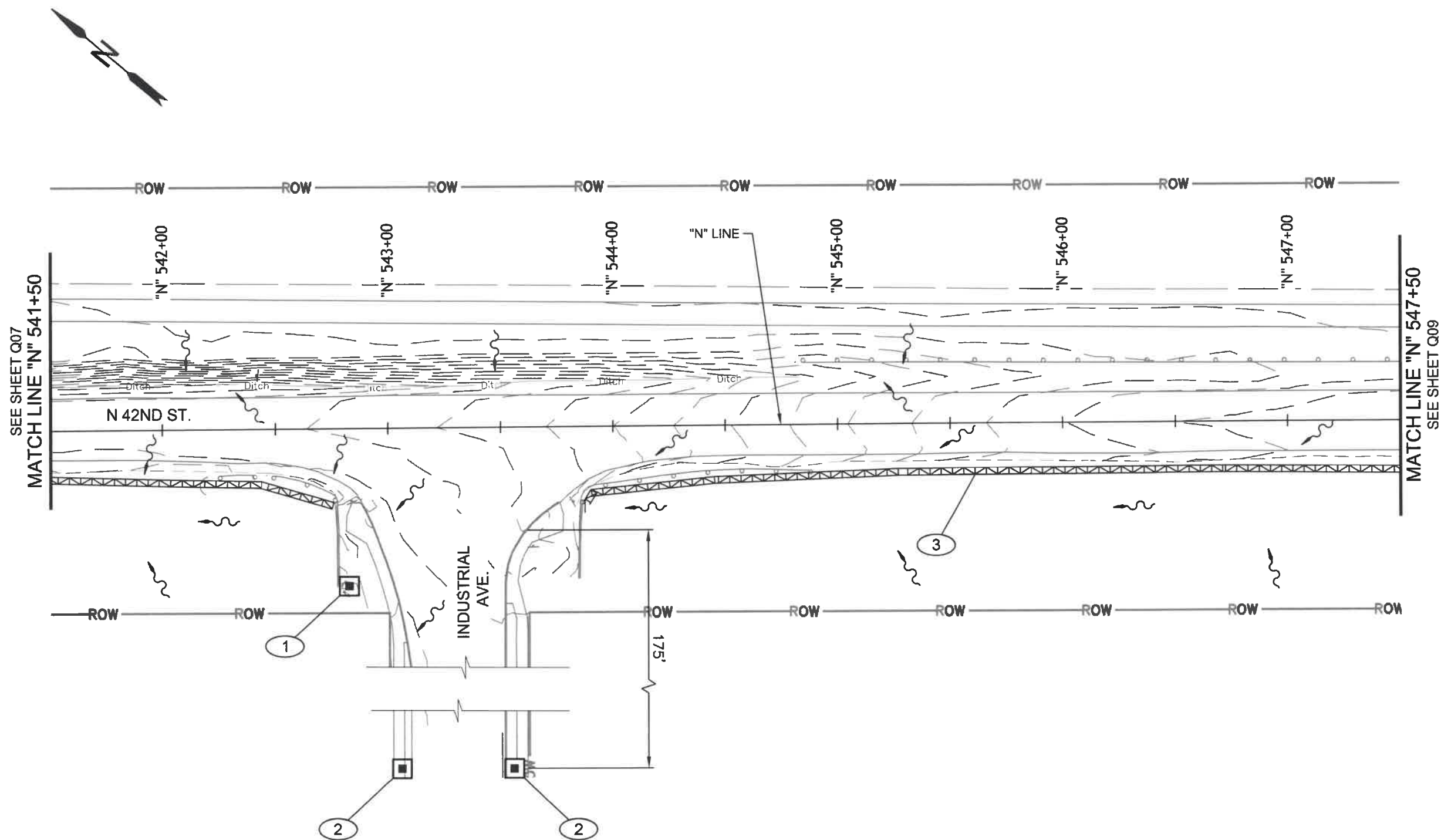
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

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**SHEET
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STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① INSTALL EROSION CONTROL INLET PROTECTION, TYPE 3. SEE SHT. Q11 FOR DETAILS (1 EACH)
- ② INSTALL EROSION CONTROL INLET PROTECTION, TYPE 10. SEE SHT. Q11 FOR DETAILS (2 EACH)
- ③ INSTALL EROSION CONTROL SEDIMENT BARRIER, TYPE 8 - 670 FT.

No.	Revision/Issue	Date



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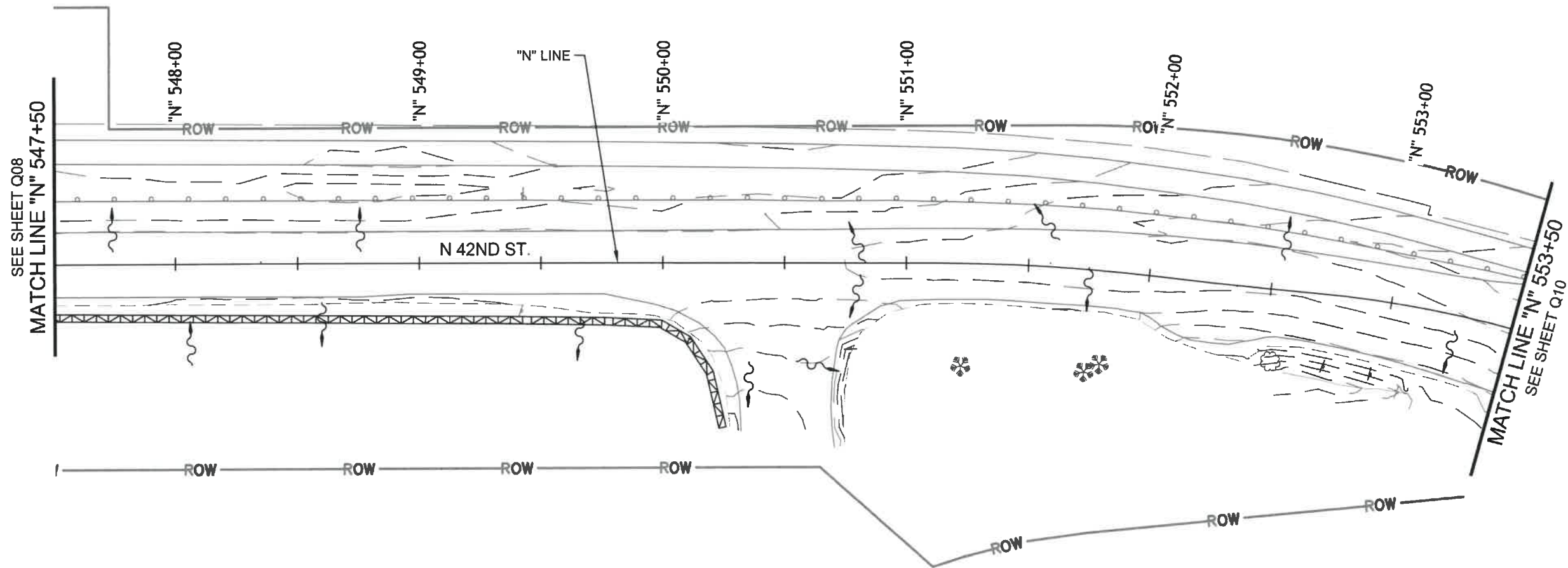
EROSION AND SEDIMENT CONTROL PLAN

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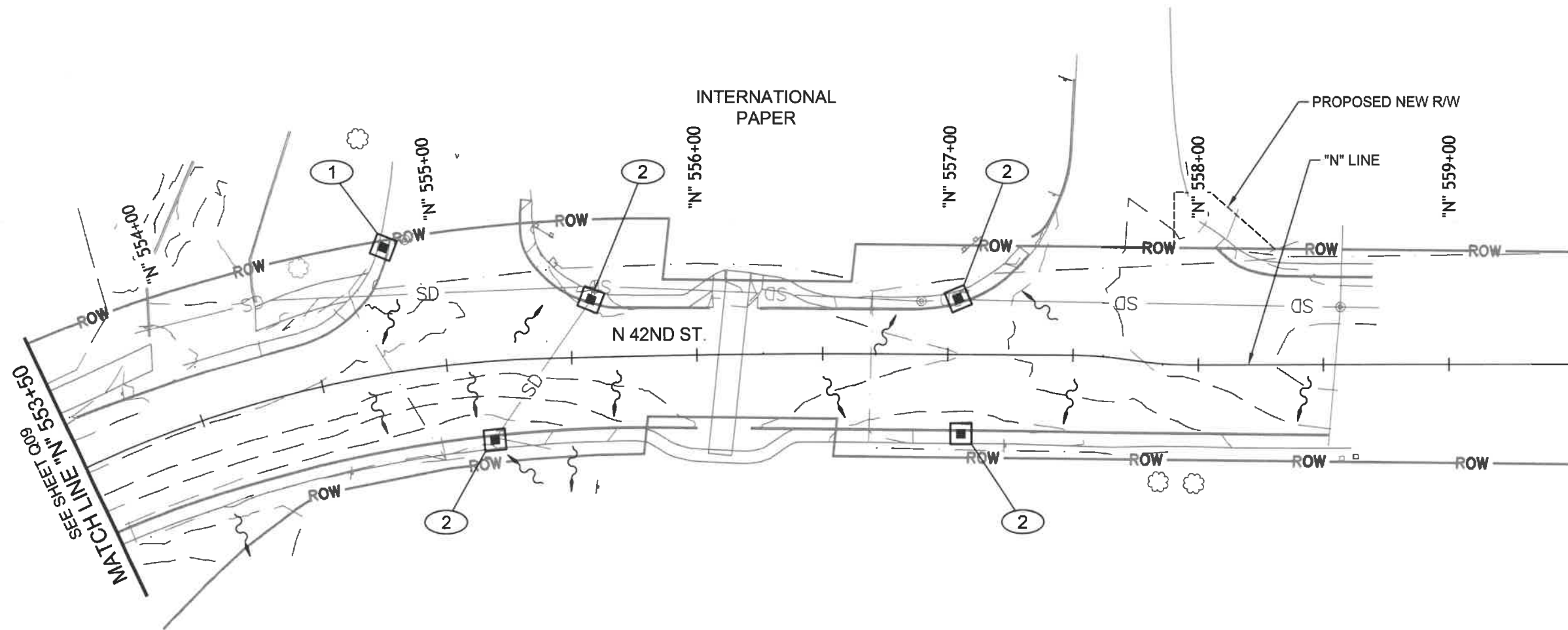
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STAGE I THRU III



42ND STREET PLAN
SCALE: 1" = 50'-0"

CONSTRUCTION NOTES:

- ① INSTALL EROSION CONTROL INLET PROTECTION, TYPE 3. SEE SHT. Q11 FOR DETAILS (1 EACH)
- ② INSTALL EROSION CONTROL INLET PROTECTION, TYPE 10. SEE SHT. Q11 FOR DETAILS (4 EACH)

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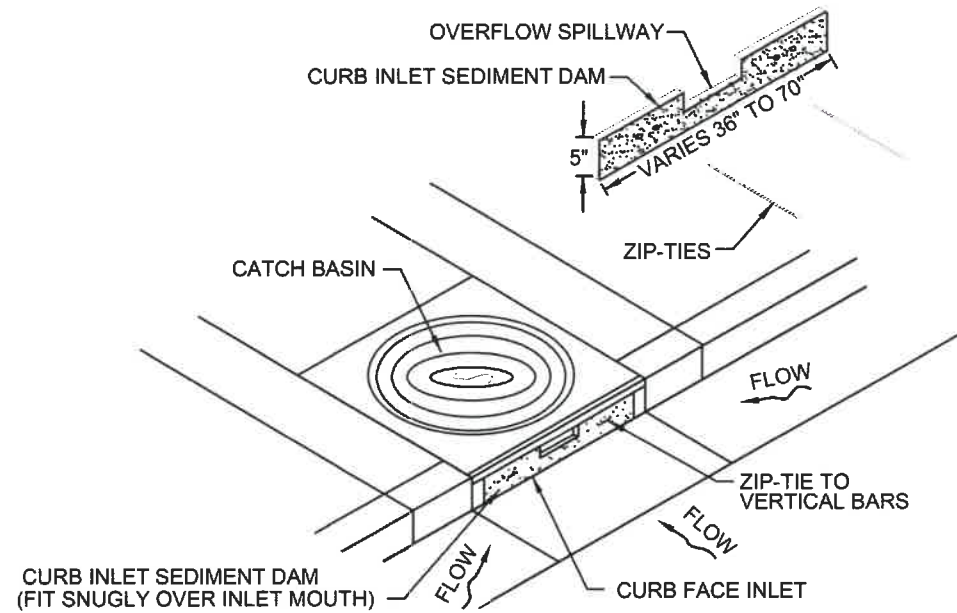
EXPIRES: 06/30/24

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

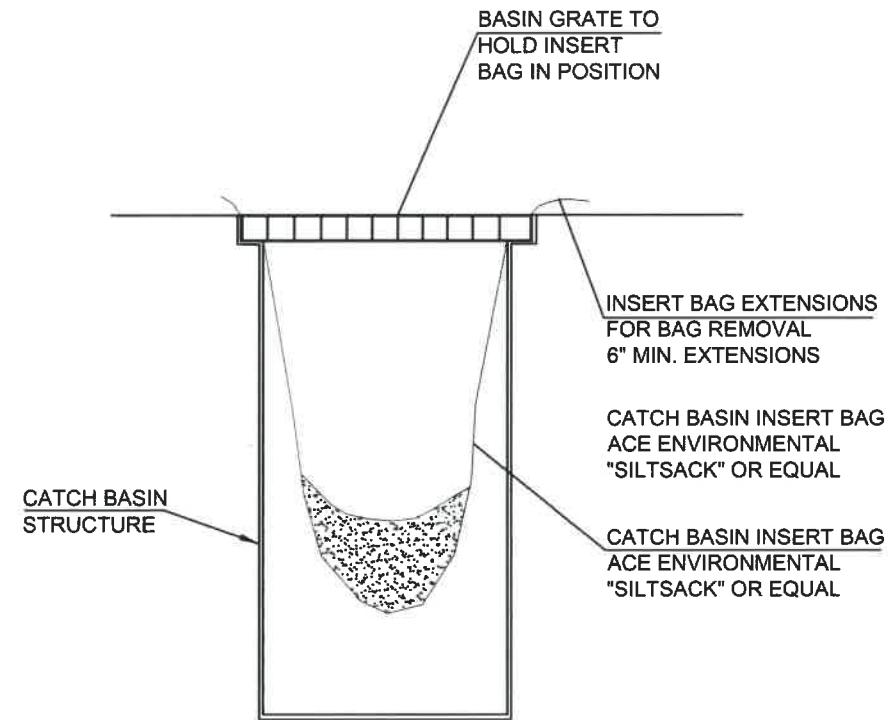
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CURB INLET SEDIMENT DAM - TYPE 10

INLET PROTECTION



CATCH BASIN INSERT BAG TYPE 3
INLET PROTECTION

NOTES:

1. TYPE 3 - PREFABRICATED FILTER INSERTS:
 - INSTALL PREFABRICATED FILTER INSERTS ACCORDING TO THE PLANS, SPECIAL PROVISIONS AND MANUFACTURER RECOMMENDATIONS.
 - PREFABRICATED INSERTS WITH PROVISIONS FOR OVERFLOW ARE ALLOWED ONLY WHEN ACCOMPANIED BY ADDITIONAL BMP'S TO PREVENT THE POTENTIAL OF SEDIMENTS ENTERED PROJECT STORM SYSTEMS.
 - FIELD FABRICATED INSERTS ARE NOT ALLOWED.
 - SEE DWG. NO. RD1010.
2. TYPE 10 - CURB INLET SEDIMENT DAM:
 - FIT CURB INLET SEDIMENT DAM SNUGLY INTO INLET MOUTH.
 - CURB INLET SEDIMENT DAM IS REQUIRED FOR USE WITH INLET INSERT WHERE AT-GRADE INLET GRATE AND CURB ARE COMBINED AT A CATCH BASIN.
 - SEE DWG. NO. RD1010.

POTENTIAL POLLUTANT ACTIVITY:

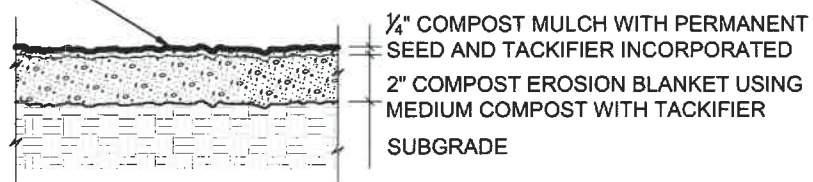
1. VEHICLE TRAFFIC:
 - EXHAUST EMISSIONS
 - POSSIBLE FUEL AND SYSTEMS LEAKAGE
 - TIRE WEAR
 - MECHANICAL PARTS AND BRAKING SYSTEMS
 - BODYWORK (CORROSION, ETC.)
2. CONSTRUCTION ITEMS:
 - ASPHALT AND P.C. CONCRETE
 - JOINT SEALANTS, CONCRETE CURING COMPOUNDS
 - PAINT, SOLVENTS, GLUES, THINNERS, CAULKS, JOINT COMPOUNDS
 - WOOD PRODUCTS
 - MATERIAL PACKAGING WASTE

PERMANENT SEED MIX:
PERMANENT SEED MIX, SEE SP01030.13(F).

NON-STORMWATER DISCHARGES:

1. WATER (DUST CONTROL)

SURFACE TO BE WEED-FREE PRIOR TO PLACEMENT OF COMPOST AND PREPARED TO STANDARD SPECIFICATIONS 01040.48(D)



NOTE:
SEE STANDARD SPECIFICATIONS 03020 FOR COMPOST SPECIFICATIONS.

APPLICATION - TEMPORARY/PERMANENT VEGETATIVE COVER

No.	Revision/Issue	Date



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EXPIRES: 06/30/24


















EROSION AND SEDIMENT CONTROL DETAILS

NO SCALE

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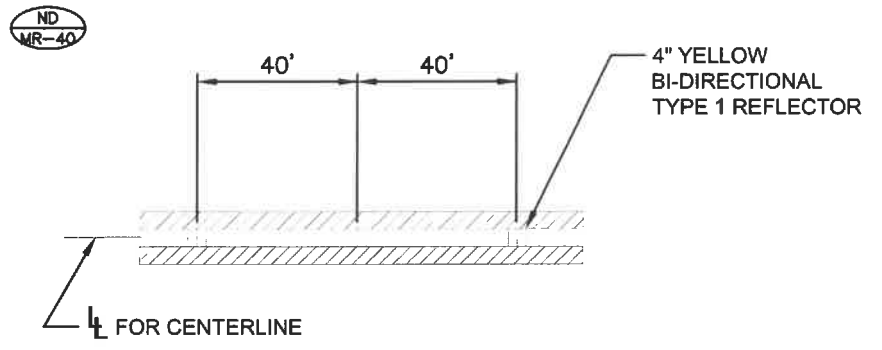
LEGEND

-  INSTALL 8" WHITE LINE.
-  INSTALL 4" WHITE LINE.
-  INSTALL 4" WHITE BROKEN LINE.
-  INSTALL NARROW DOUBLE 4" YELLOW LINES WITH MODIFIED REFLECTORS. SEE DETAIL BELOW.
-  INSTALL NARROW DOUBLE 4" YELLOW LINES.
-  INSTALL STANDARD CROSSWALK TWO 1' WHITE BARS.
-  INSTALL LEFT TURN ARROW (WHITE).
-  INSTALL RIGHT TURN ARROW (WHITE).
-  INSTALL STOP BAR 1' WHITE BAR.
-  INSTALL RAILROAD CROSSING (WHITE).
-  INSTALL SIGN (N) AND (M) SIGN SUPPORT.
-  MAINTAIN AND PROTECT EXISTING SIGN (N) AND SIGN SUPPORT.
-  REMOVE AND SAVE EXISTING SIGN (N) AND REMOVE EXISTING SIGN SUPPORT.
-  REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT.
-  REMOVE EXISTING SIGN (N) AND (M) SIGN SUPPORT.
-  REMOVE AND SAVE EXISTING SIGN (N).
-  REINSTALL EXISTING SIGN (N).

N = SIGN NUMBER
M = MATERIAL:
P = ROUND PIPE SUPPORT
W = WOOD POST
ST = PERFORATED STEEL SQUARE TUBE SIGN SUPPORT
CC = CROSSWALK CLOSURE SUPPORT

GENERAL NOTES

1. ACCOMPANIED BY OREGON STD. DRAWINGS TM200, TM206, TM500, TM501, TM502, TM503, TM504, TM505, TM517, TM521, TM530, TM531, TM539, TM560, TM671, TM676, TM681, TM687, AND CITY OF SPRINGFIELD STD. DRAWING 5-181.
2. ALL PAVEMENT LEGENDS AND BARS SHALL BE TYPE "B-HS". LONGITUDINAL PAVEMENT MARKINGS SHALL BE DURABLE METHOD "A".
3. DIMENSIONS SHOWN ARE APPROXIMATE. ALL PAVEMENT MARKINGS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER.
4. REMOVE ALL EXISTING STRIPING THAT CONFLICTS WITH THIS PLAN. EXISTING STRIPING SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.



**NARROW DOUBLE NO-PASS POSITIONING GUIDE
REFLECTORS WITH TWO 4' YELLOW LINES**

SIGN TABLE

SIGN #	QUANTITY	SIGN TYPE	SIGN DESCRIPTION
1	-	R1-1	STOP
1a	-		MARCOLA RD
1b	-		42ND STREET
2	-	W11-10	TRUCKS
3	-		SPEED 45
4	-		MCKENZIE R. BEND STRAIGHT, WEST 126 EUGENE RIGHT
5	-		42ND ST. MARCOLA LEFT, SPRINGFIELD JASPER RIGHT
6	-		MARCOLA STRAIGHT, WEST 126 EUGENE LEFT
7	1	W3-3	SIGNAL AHEAD
8	-		126 EAST MCKENZIE RIVER BEND LEFT
9	-		126 EAST MCKENZIE RIVER BEND RIGHT
10	-		LEFT/RIGHT ARROWS
11	-		TRUCK ROUTE LEFT/STRAIGHT
12	-	R4-1	DO NOT PASS
13	2	R9-9	SIDEWALK CLOSED
14	-	R2-1	SPEED LIMIT 35
15	2	R2-1	SPEED LIMIT 45
16	1	W10-1	RAILROAD CROSSING
17	-		BEGIN BIKE ROUTE
18	-		BIKES YIELD
19	-	W5-1	ROAD NARROWS
20	-	R10-6	STOP HERE ON RED
21	1	R3-17	BIKE LANE
21a	1	R3-17bp	ENDS

No.	Revision/Issue	Date



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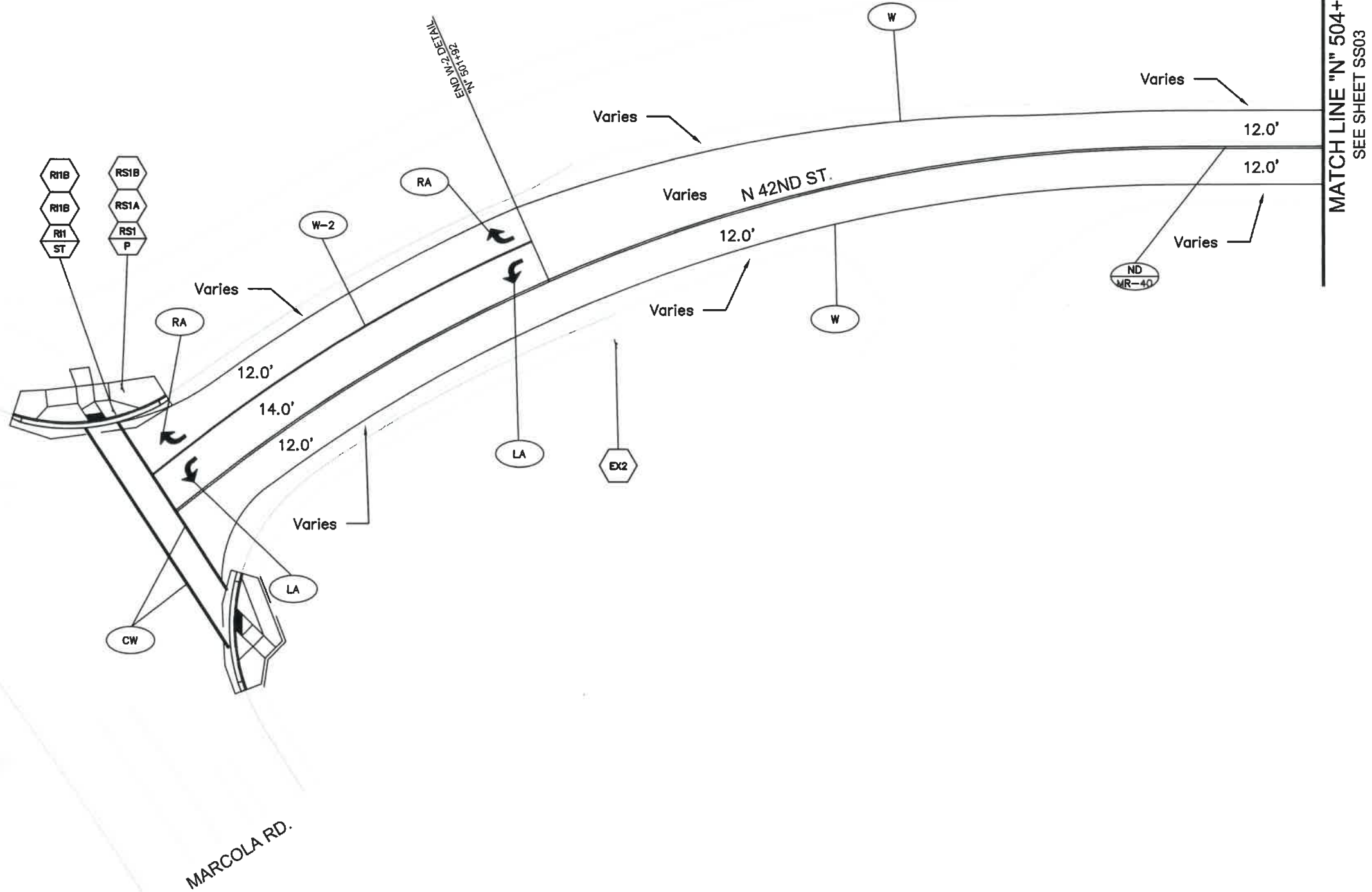
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SIGNING & STRIPING LEGEND

NO SCALE	SHEET SS01 OF 99
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DESIGNED BY: C. DENNING	
CHECKED BY: S. PATTERSON	



42ND STREET PLAN
SCALE: 1" = 40'-0"



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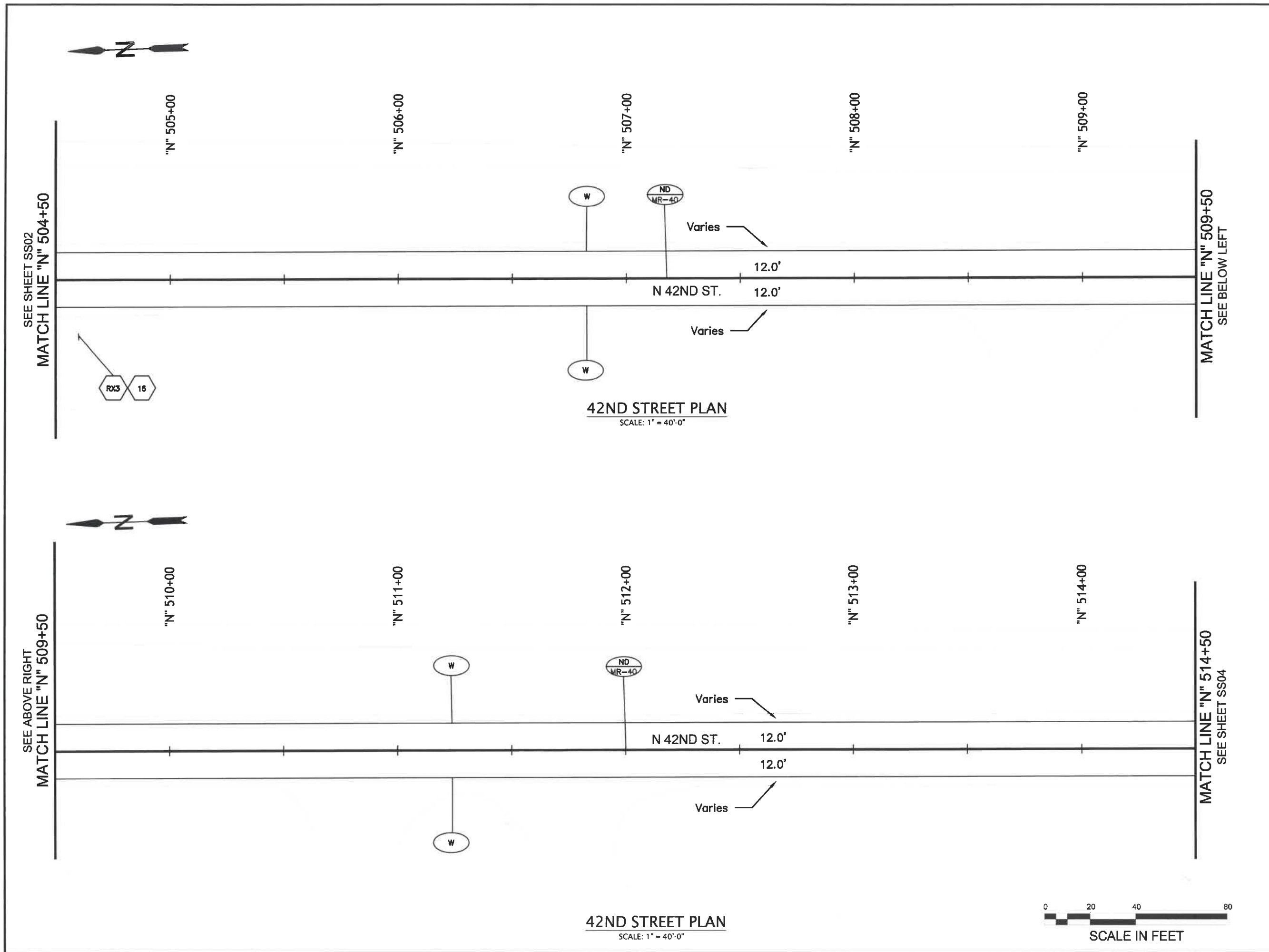
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ENGINEER
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OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

SIGNING & STRIPING PLAN

SCALE: 1" = 40'

DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

SHEET
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OF
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42ND STREET PLAN
SCALE: 1" = 40'-0"

42ND STREET PLAN
SCALE: 1" = 40'-0"



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IP TO MARCOLA ROAD



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OREGON
JUNE 7, 2012
ADAM N. MILES

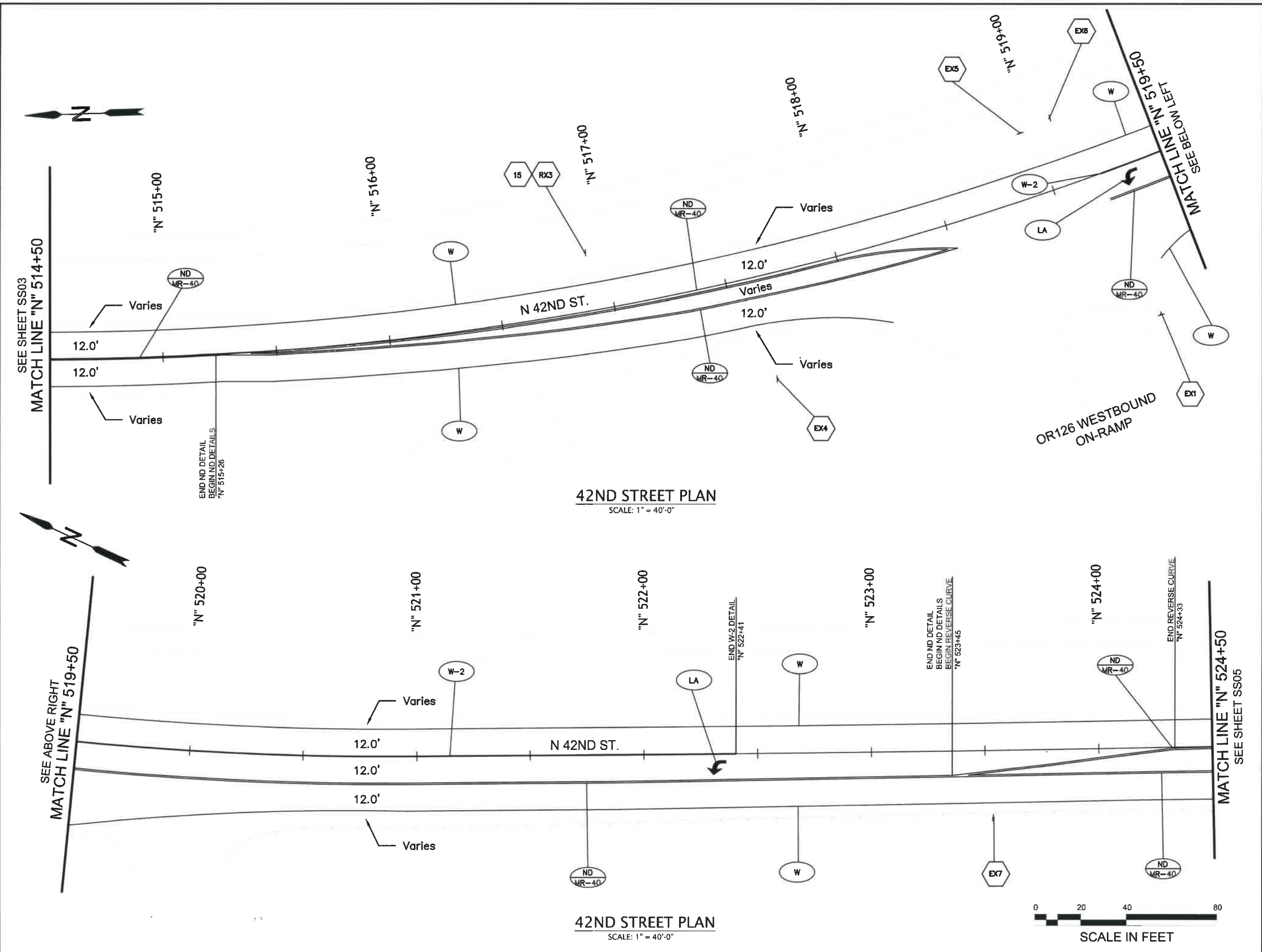
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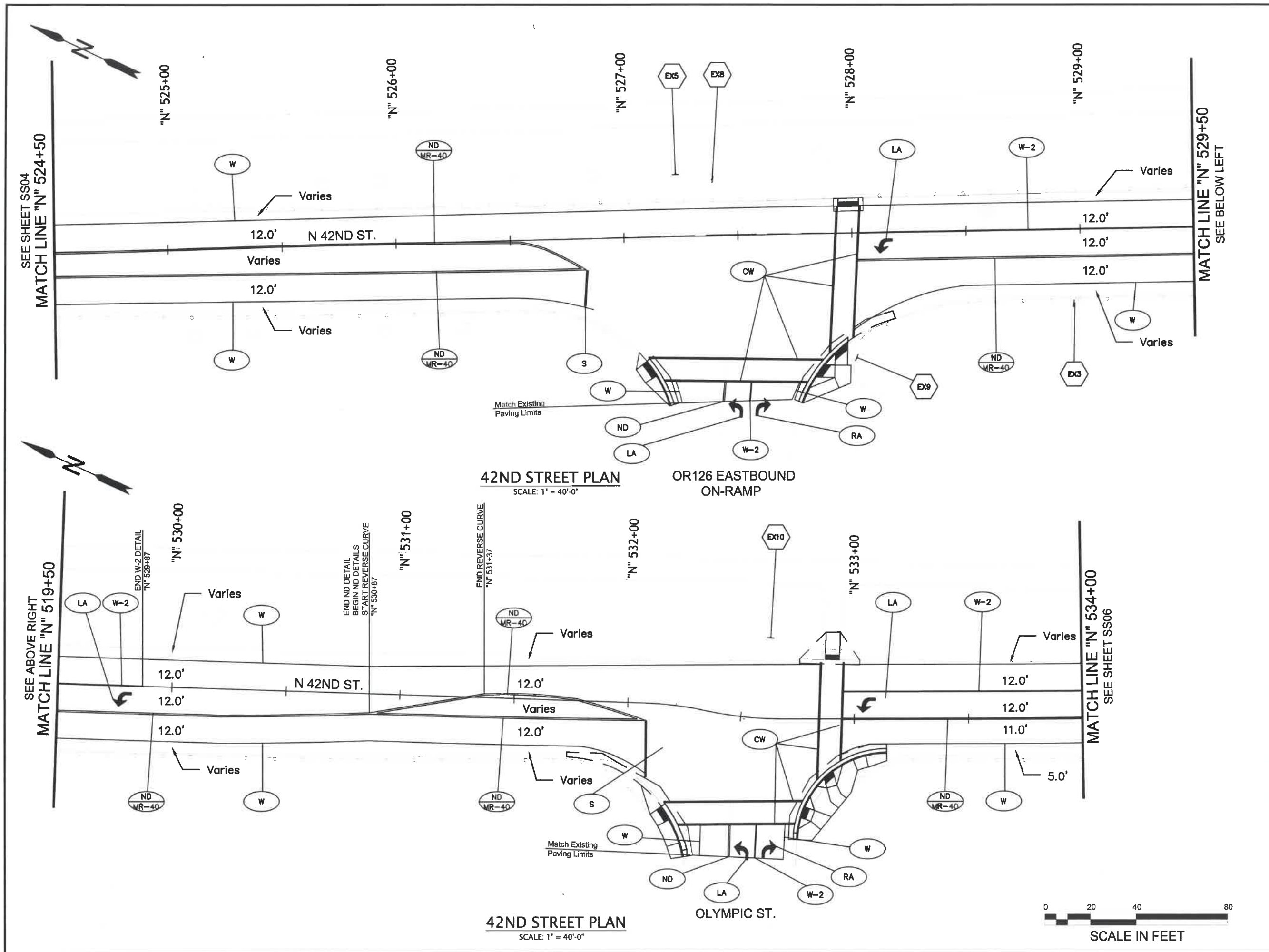


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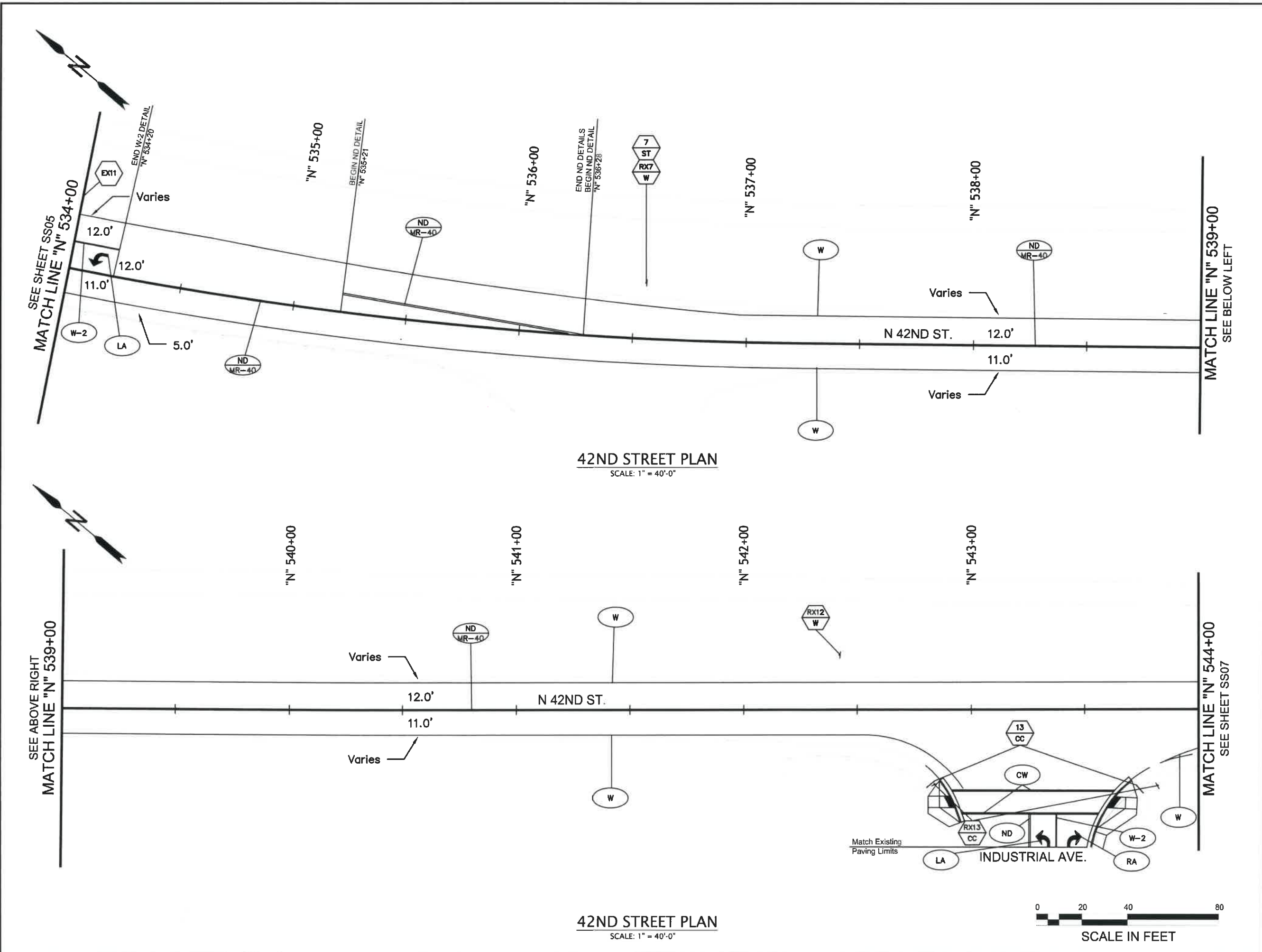

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 OREGON
 JUNE 7, 2012
 ADAM N. MILES
 EXPIRES: 12/31/24

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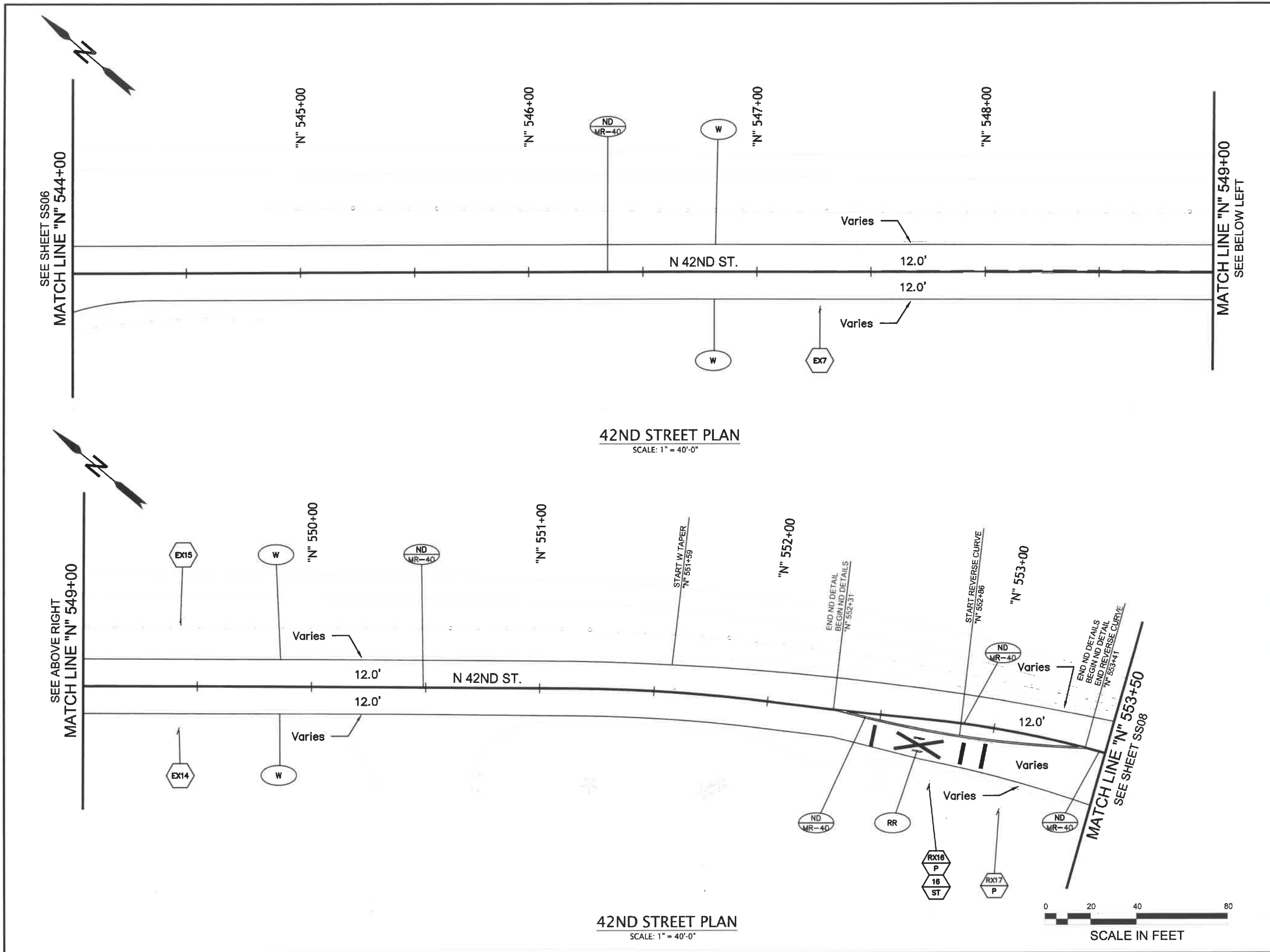
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SS06
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42ND STREET PLAN
SCALE: 1" = 40'-0"

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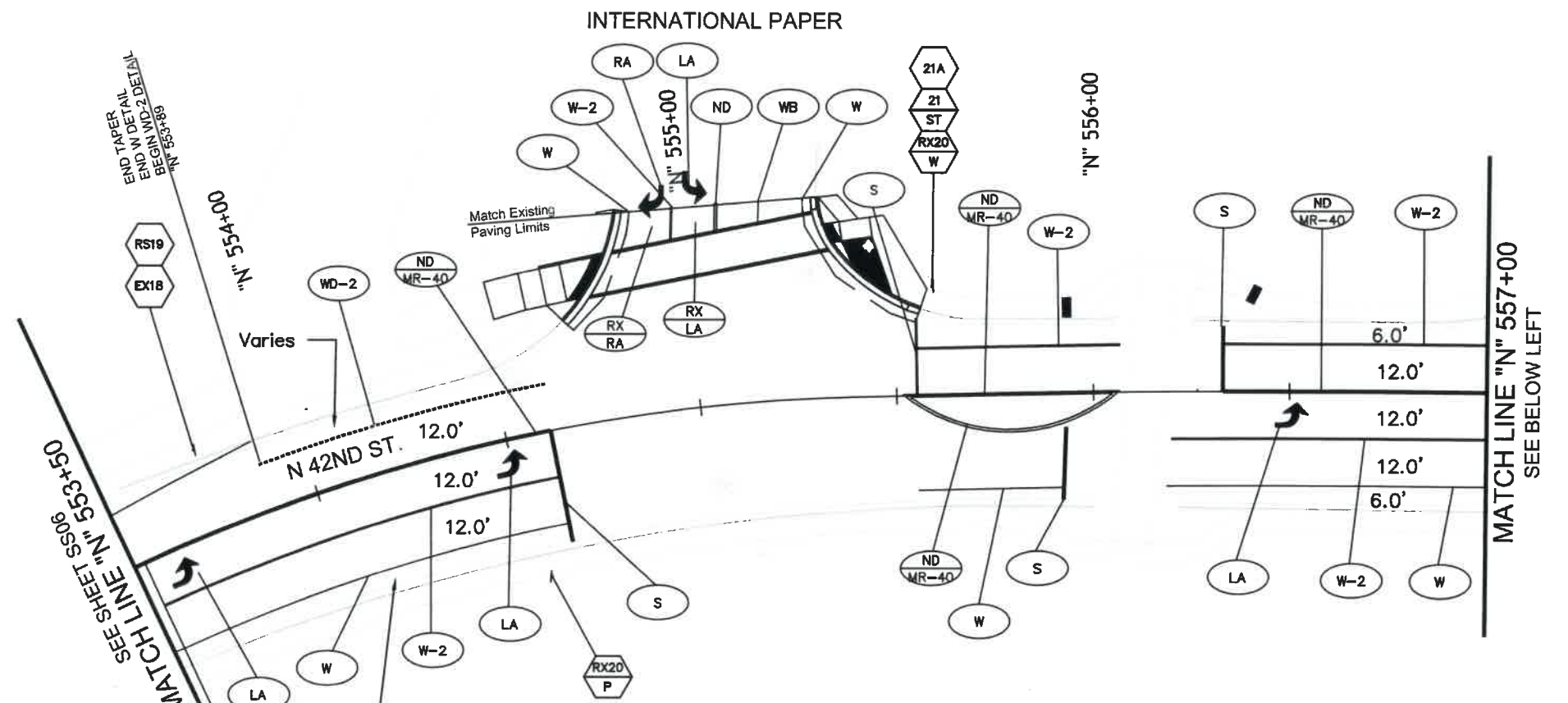
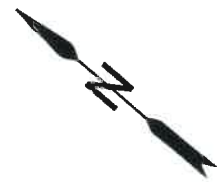
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EXPIRES: 12/31/24

SIGNING & STRIPING PLAN

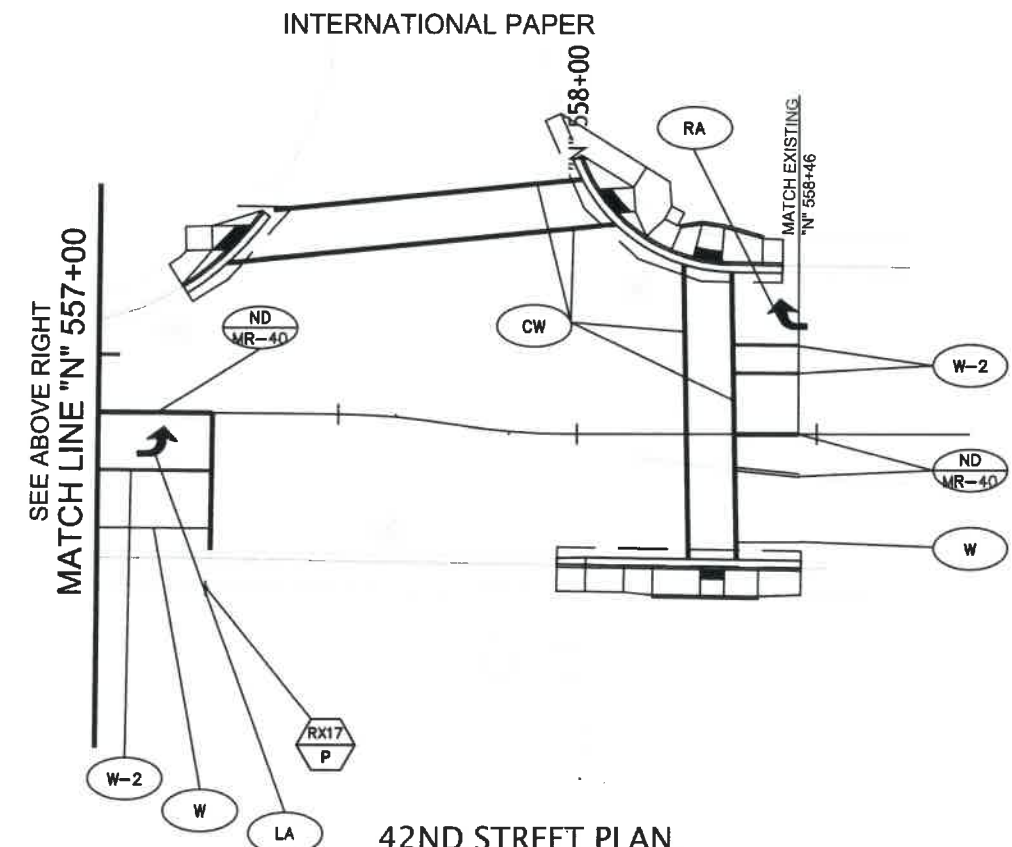
SCALE: 1" = 40'

DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

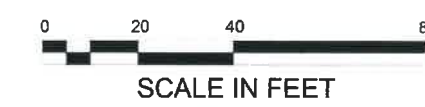
SHEET SS07
OF 99



42ND STREET PLAN
SCALE: 1" = 40'-0"



42ND STREET PLAN
SCALE: 1" = 40'-0"



No.	Revision/Issue	Date



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UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING UTILITY LOCATIONS PRIOR TO BEGINNING OF CONSTRUCTION. THESE PLANS MAY NOT SHOW ALL UTILITIES OR THE CORRECT LOCATIONS.

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City of Springfield
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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD



SIGNING & STRIPING PLAN

SCALE: 1" = 40'
DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

SHEET
SS08
OF
99

LEGEND

CONTROLLERS

MAINTAIN AND PROTECT EXISTING MODEL 332 CABINET AND CONTROL EQUIPMENT WITH RISER FRAME, ORIENT LOUVERED DOOR AS SHOWN.

INSTALL RACK MOUNTED MODEL 2070 CONTROLLER IN MODEL 332 CABINET.

INSTALL RACK MOUNTED APS CONTROLLER.

POLES

INSTALL PEDESTRIAN SIGNAL PEDESTAL WITH FRANGIBLE BASE.

INSTALL PEDESTRIAN PUSH BUTTON POST

RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM POLE.

RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM POLE WITH LUMINAIRE ARM.

RETAIN AND PROTECT EXISTING VEHICLE SIGNAL PEDESTAL

REMOVE EXISTING PEDESTRIAN SIGNAL PEDESTAL.

REMOVE EXISTING PUSHBUTTON POST.

RETAIN AND PROTECT EXISTING TRAFFIC SIGNAL MAST ARM.

RETAIN AND PROTECT EXISTING LUMINAIRE POLE.

REMOVE EXISTING BICYCLE PUSH BUTTON AND PUSHBUTTON POST.

LUMINAIRES

RETAIN AND PROTECT EXISTING LUMINAIRE.

RETAIN AND PROTECT EXISTING LUMINAIRE ARM.

FIRE PREEMPTION

RETAIN AND PROTECT EXISTING FIRE PREEMPTION DETECTOR UNIT.

SIGNALS

INSTALL PHASE (Ph=PHASE) COUNTDOWN PEDESTRIAN SIGNAL WITH CLAMSHELL MOUNT AND AUDIBLE PUSHBUTTON WITH MOUNT.

INSTALL PHASE (Ph=PHASE) COUNTDOWN PEDESTRIAN SIGNAL WITH CLAMSHELL MOUNT.

INSTALL PHASE (Ph=PHASE) AUDIBLE PUSHBUTTON WITH MOUNT.

RETAIN AND PROTECT EXISTING (Ph=PHASE) VEHICLE SIGNAL.

REMOVE EXISTING (Ph=PHASE) PEDESTRIAN SIGNAL AND PUSHBUTTON.

REMOVE EXISTING (Ph=PHASE) PEDESTRIAN PUSHBUTTON AND INSTRUCTION SIGN.

REMOVE EXISTING (Ph=PHASE) PEDESTRIAN SIGNAL.

INSTALL S (S=SIZE) INCH LONG PUSHBUTTON ADAPTOR/EXTENSION.

CONDUITS

INSTALL (S=SIZE) INCH CONDUIT.

RETAIN AND PROTECT EXISTING (S=SIZE) ELECTRICAL CONDUIT.

ABANDON EXISTING ELECTRICAL CONDUIT.

RETAIN AND PROTECT EXISTING DETECTOR CONDUIT.

ABANDON EXISTING DETECTOR CONDUIT.

RETAIN AND PROTECT EXISTING INTERCONNECT CONDUIT.

INSTALL CONDUIT COUPLER AND SPLICE NEW ELECTRICAL CONDUIT TO EXISTING ELECTRICAL CONDUIT.

DETECTOR CONDUIT (SEE DETECTOR PLAN).

ELECTRICAL CONDUIT (SEE SIGNAL PLAN).

WIRES AND CABLES

INSTALL (X=NUMBER OF CABLES) CONTROL CABLE(S) WITH (N=NUMBER) (G=AWG WIRE SIZE) AWG CONDUCTORS.

INSTALL (N=NUMBER) NO. 8 AWG THWN (SIGNAL SYSTEM COMMON).

INSTALL (N=NUMBER) NO. (G=AWG WIRE SIZE) THWN WIRES.

RETAIN AND PROTECT EXISTING WIRING.

REMOVE EXISTING WIRING.

JUNCTION BOXES

INSTALL 17"x10"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOX.

INSTALL 22"x12"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOX.

INSTALL 30"x17"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOX.

INSTALL 8"x6"x6" (MIN. DIMENSION) GALV. CAST IRON JUNCTION BOX WITH GASKETED GALV. STEEL COVER.

INSTALL 17"x10"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOX WITH CONCRETE APRON.

INSTALL 22"x12"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOX WITH CONCRETE APRON.

INSTALL TANDEM 30"x17"x12" (MIN. DIMENSION) PRECAST CONCRETE JUNCTION BOXES WITH CONCRETE APRONS.

RETAIN AND PROTECT EXISTING JUNCTION BOX.

REMOVE EXISTING JUNCTION BOX.

JUNCTION BOX (SEE SIGNAL PLAN).

JUNCTION BOX (SEE DETECTION PLAN).

DETECTION

INSTALL PHASE (Ph=PHASE) 6" ROUND OR 4" DIAMOND VEHICLE DETECTOR LOOP.

INSTALL (N=NUMBER) PAIR OF LOOP WIRES.

ABANDON EXISTING VEHICLE OR BICYCLE DETECTOR LOOP.

INSTALL 6" MAX SAND POCKET BLOCKOUT FOR EXISTING CONDUIT TO JUNCTION BOX

RETAIN AND PROTECT EXISTING VIDEO DETECTOR CAMERA.

INSTALL NEAR-RANGE RADAR DETECTOR UNIT (T=RADAR).

INSTALL FAR-RANGE RADAR DETECTOR UNIT (T=RADAR).

INSTALL RADAR CONTROL CABLE (T=RADAR).

INSTALL (X=NUMBER OF CABLES) PHASE (PH=PHASE) LOOP FEEDER CABLES.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING UTILITIES AND COORDINATE WORK WITH THE UTILITY COMPANIES/AGENCIES TO ELIMINATE ANY CONFLICTS.
2. LOCATIONS OF ALL POLES, CONDUITS, AND JUNCTION BOXES (AS SHOWN ON THE PLANS) ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DESIGNATED IN THE FIELD BY THE ENGINEER. CONDUIT SHALL BE PLACED IN THE SAME TRENCH WITH OTHER CONDUITS WHENEVER POSSIBLE.

No.	Revision/Issue	Date



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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

City of Springfield
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EXPIRES: 12/31/24

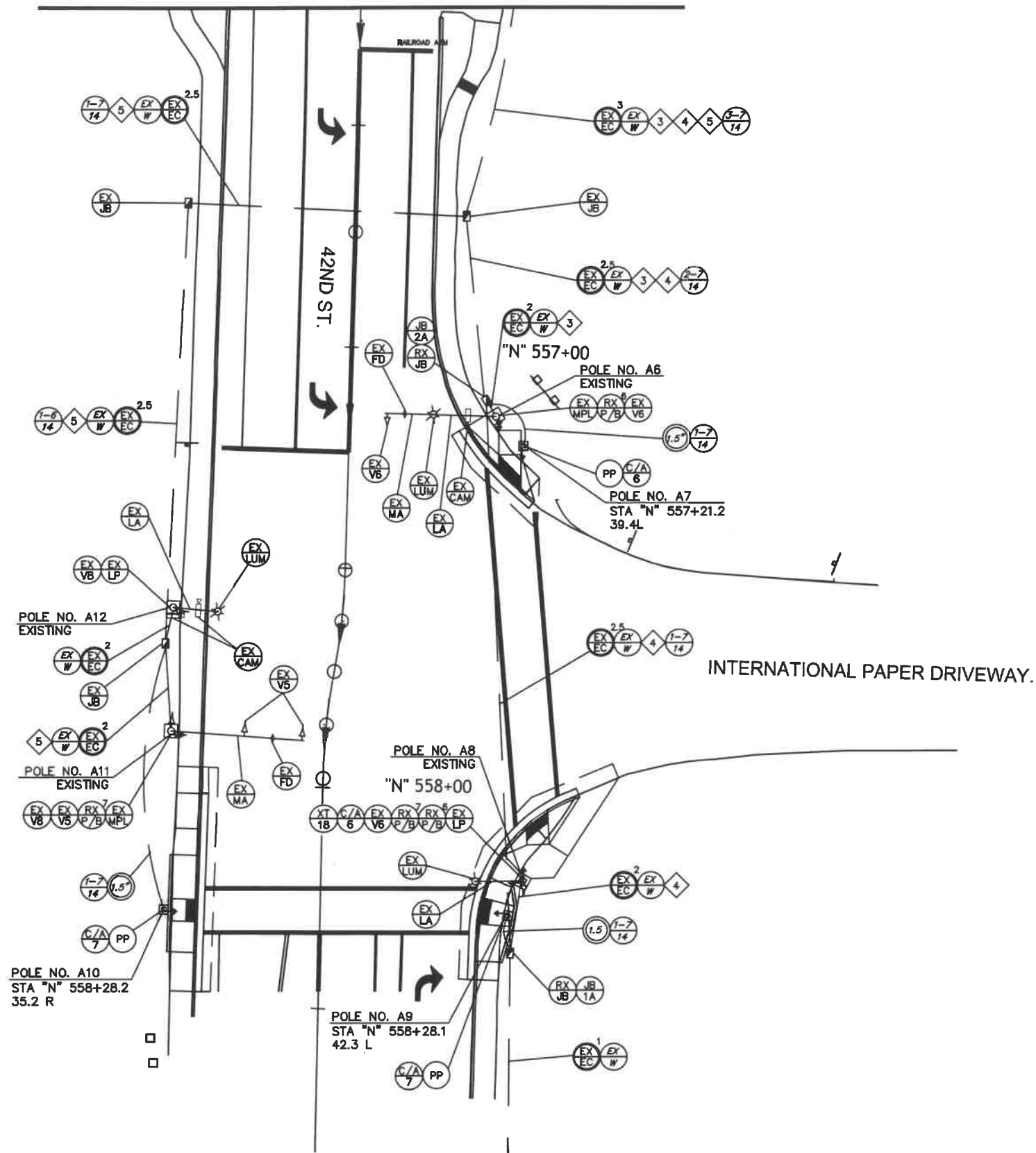
TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: N/A
DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

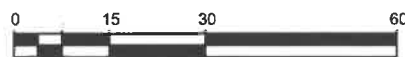
SHEET
T01
OF
99

TO BE ACCOMPANIED BY CITY OF SPRINGFIELD STANDARD DRAWINGS 5-4, 5-5, AND 5-12, AND ODOT STANDARD DRAWINGS TM457, TM467, TM470, TM471, AND TM472.

SEE SHEET T02
MATCH LINE "N" 556+24

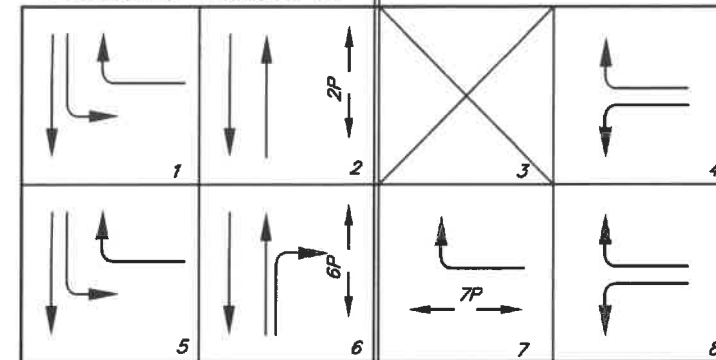


42ND STREET
SCALE: 1" = 30'

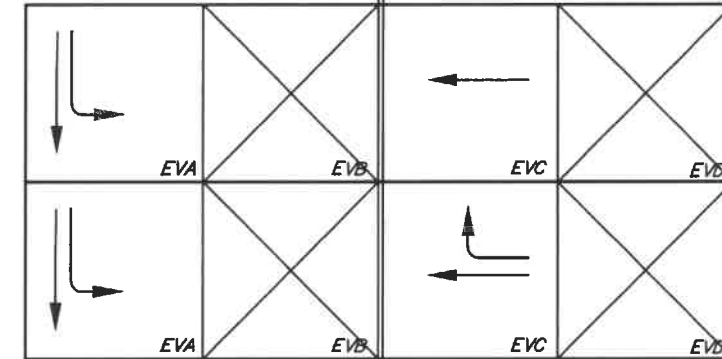


SCALE IN FEET

PHASING DIAGRAM



PRE EMPTION PHASING



CONSTRUCTION NOTES

- 1 REMOVE WIRING ASSOCIATED WITH PHASE 2 PEDESTRIAN SIGNAL TO POLE A3.
- 2 REMOVE WIRING ASSOCIATED WITH PHASE 2 PEDESTRIAN PUSH BUTTON ON PEDESTRIAN PUSH BUTTON POST.
- 3 REMOVE WIRING ASSOCIATED WITH PHASE 6 PEDESTRIAN SIGNAL AND PUSH BUTTON TO POLE A6.
- 4 REMOVE WIRING ASSOCIATED WITH PHASE 7 PEDESTRIAN SIGNALS AND PUSH BUTTONS TO POLE A8.
- 5 REMOVE WIRING ASSOCIATED WITH PHASE 7 PEDESTRIAN SIGNAL AND PUSH BUTTON TO POLE A11.



No. _____ Revision/Issue _____ Date _____

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**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**

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REGISTERED PROFESSIONAL ENGINEER
85648PE
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OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: 1' = 30'

SHEET T03 OF 99

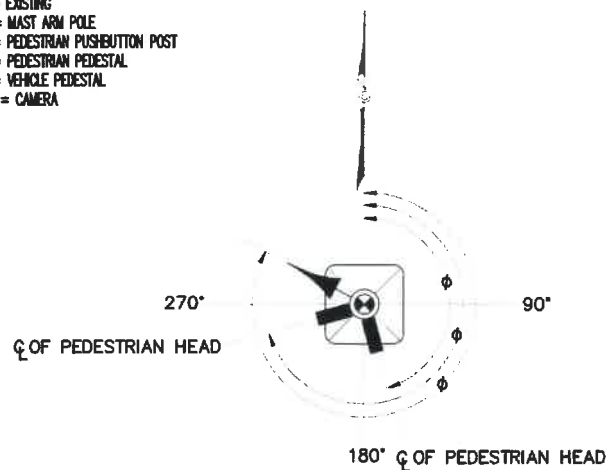
DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

42ND ST AND INTERNATIONAL PAPER POLE ENTRANCE CHART

POLE NO.	DWE NO.	TYPE	EQUIPMENT ON POLE				EQUIPMENT ON MAST ARM (LENGTH IN FEET AND EQUIPMENT TYPE)							FOUNDATION INFORMATION (SEE STD. DWG. TM465)		LUMINAIRES						MISC. EQUIP.		
			TRAFFIC SIGNAL DEC.	PEDESTRIAN PUSH-BUTTON DEC.	TERMINAL MOUNT DEC.	SIGN DEC.	TRAFFIC SIGNAL DEC.	PHOTO-ELECTRIC TR.	ARM LENGTH	A1	D1	D2	D3	D4	D5	D6	D7	FOUNDATION TYPE	REQUIRED FOUNDATION DEPTH	ARM LENGTH	ARM MOUNTING DEC.		ARM MOUNTING HEIGHT	FACE TYPE
41	T02	EX MP						EX	EX	EX	EX							EX	EX	EX	EX	EX	EX	EX
42	T02	EX VP																						
43	T02	EX MPL						EX	EX	EX	EX							EX	EX	EX	EX	EX	EX	EX
44	T03	PP	265	265																				
45	T03	EX VP	85	85														EX	EX	EX	EX	EX	EX	
46	T03	EX MPL						EX	EX	EX	EX							EX	EX	EX	EX	EX	EX	EX
47	T03	PP	265	265																				
48	T03	EX VP	85	85														EX	EX	EX	EX	EX	EX	
49	T03	PP	0	0																				
410	T03	PP	180	180																				
471	T02	EX MPL						EX	EX	EX	EX							EX	EX	EX	EX	EX	EX	EX
453	T02	EX VP																						

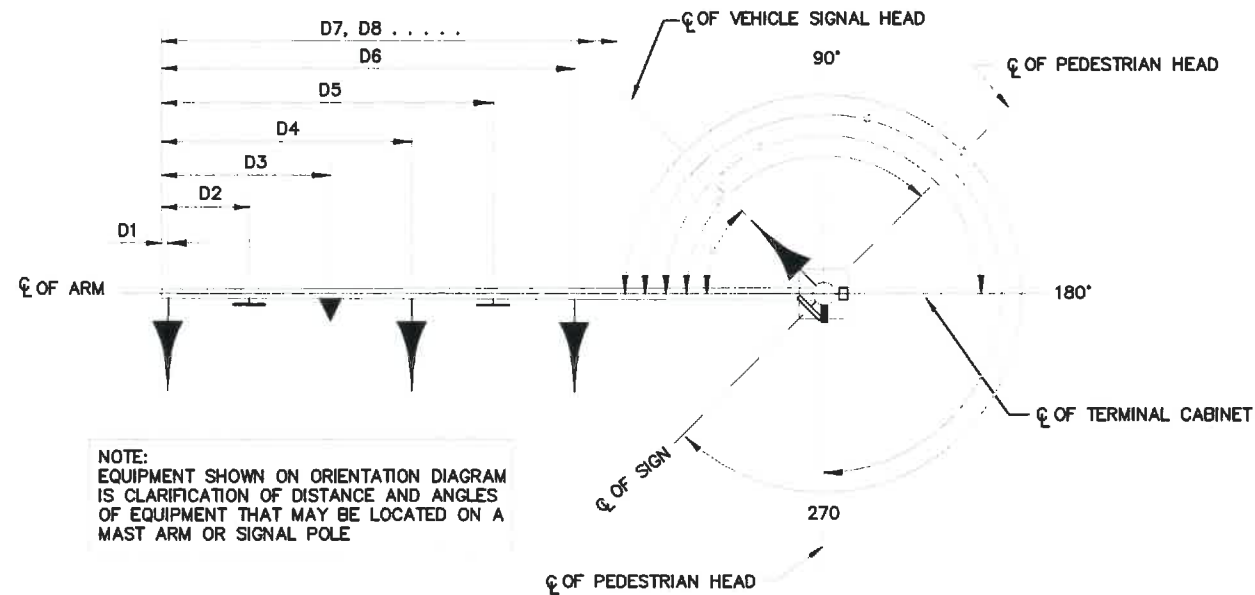
BRACKET MOUNT (SEE TRAFFIC SIGNAL PLAN FOR MOUNT TYPE):
 V2 = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)
 V3L = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)

MISC. ITEMS:
 F = FIRE PREEMPTION, (SEE STD. DWG. TM465)
 EX = EXISTING
 MP = MAST ARM POLE
 PS = PEDESTRIAN PUSHBUTTON POST
 PP = PEDESTRIAN PEDESTAL
 VP = VEHICLE PEDESTAL
 CAM = CAMERA



PEDESTRIAN PEDESTAL VEHICLE PEDESTAL
ORIENTATION DIAGRAM

NOTE:
 EQUIPMENT SHOWN ON ORIENTATION DIAGRAM IS CLARIFICATION OF DISTANCE AND ANGLES OF EQUIPMENT THAT MAY BE LOCATED ON A PEDESTRIAN PEDESTAL OR VEHICLE PEDESTAL.



NOTE:
 EQUIPMENT SHOWN ON ORIENTATION DIAGRAM IS CLARIFICATION OF DISTANCE AND ANGLES OF EQUIPMENT THAT MAY BE LOCATED ON A MAST ARM OR SIGNAL POLE

MAST ARM POLE ORIENTATION DIAGRAM

No.	Revision/Issue	Date



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 WWW.DOWL.COM

City of Springfield

**Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD**

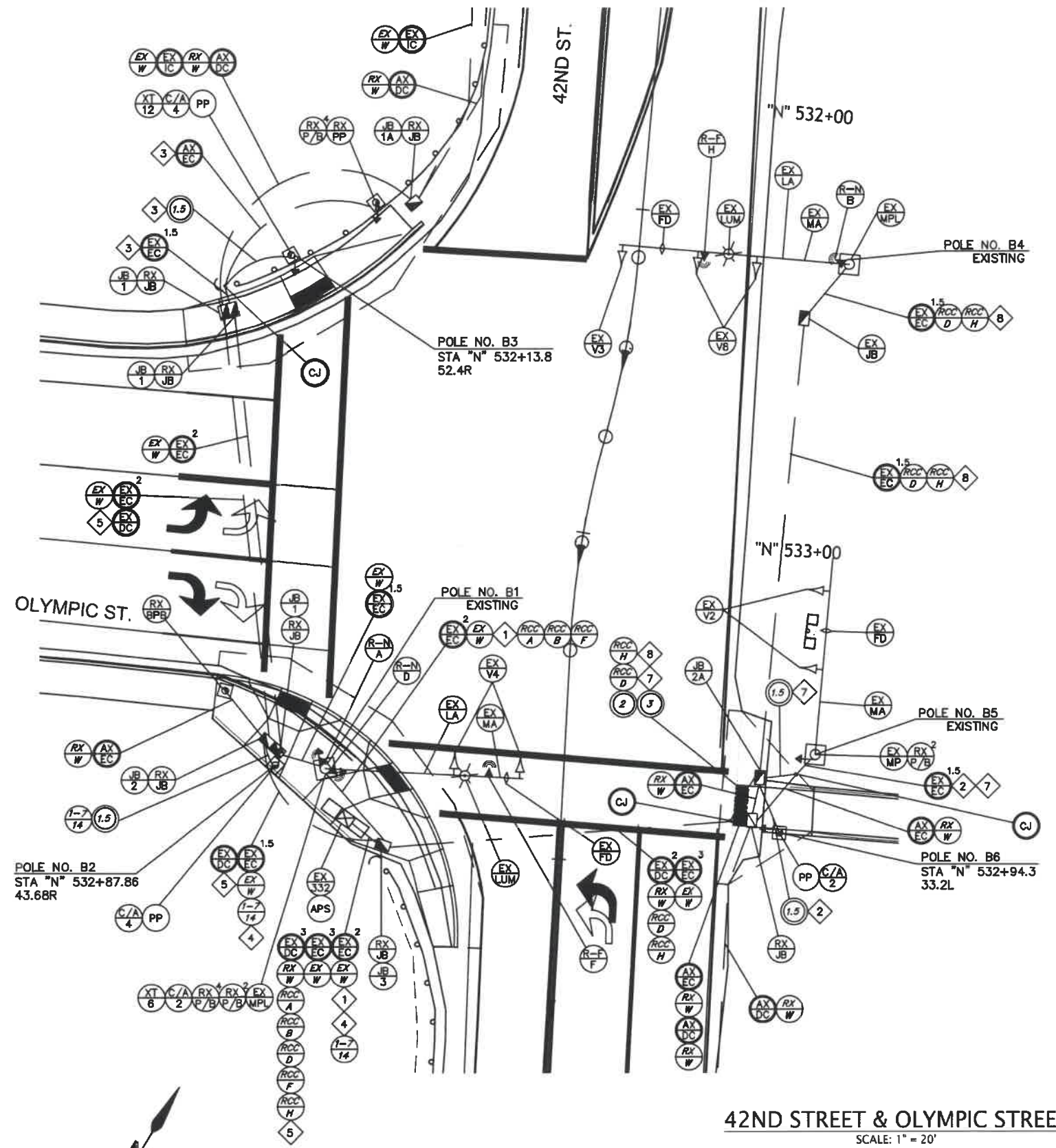
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 225 FIFTH STREET, SPRINGFIELD, OR 97477
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REGISTERED PROFESSIONAL
 ENGINEER
 85648PE
 Digitally Signed 2024.03.29 14:40:40-07'00"
 OREGON
 JUNE 7, 2012
 ADAM N. MILES
 EXPIRES: 12/31/24

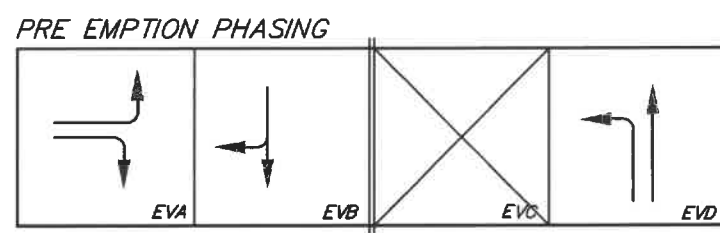
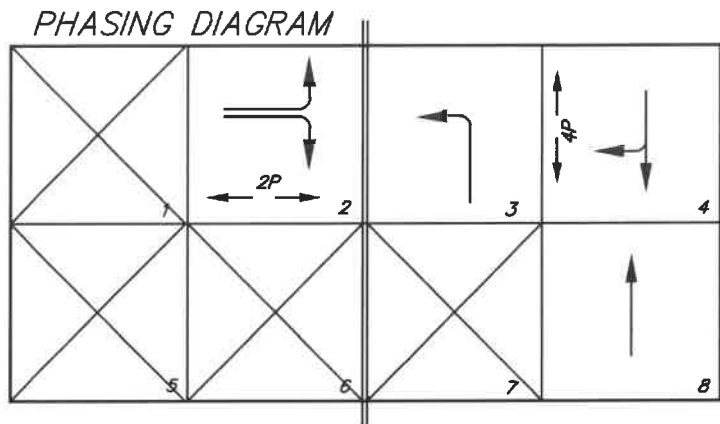
TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: N/A
 DRAWN BY: C. DENNING
 DESIGNED BY: C. DENNING
 CHECKED BY: S. PATTERSON

**SHEET
T04
OF
99**



42ND STREET & OLYMPIC STREET
SCALE: 1" = 20'



CONSTRUCTION NOTES

- 1 REMOVE WIRING ASSOCIATED WITH PHASE 4 PEDESTRIAN SIGNAL AND PUSH BUTTON TO POLE B1
- 2 RELOCATE WIRING ASSOCIATED WITH PHASE 2 PEDESTRIAN SIGNAL AND PUSH BUTTON FROM POLE B5 TO POLE B6.
- 3 RELOCATE WIRING ASSOCIATED WITH PHASE 4 PEDESTRIAN SIGNAL AND PUSH BUTTON FROM EXISTING PEDESTRIAN PEDESTAL TO POLE B3.
- 4 REMOVE WIRING ASSOCIATED WITH PHASE 2 BIKE PUSH BUTTON.
- 5 REMOVE WIRING ASSOCIATED WITH LOOP DETECTION.
- 6 PULL BACK WIRES TO EXISTING JUNCTION BOX ON SOUTHWEST CORNER AND REWIRE THROUGH NEW JUNCTION BOX TO POLE B5.
- 7 PULL BACK WIRES TO EXISTING JUNCTION BOX ON SOUTHWEST CORNER AND REWIRE THROUGH NEW JUNCTION BOX TO POLE B4.

No.	Revision/Issue	Date

811

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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

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ENGINEER
85648PE
Digitally Signed 2024.03.29
OREGON 14:46:15-07'00"
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: 1" = 20'

SHEET T05 OF 99

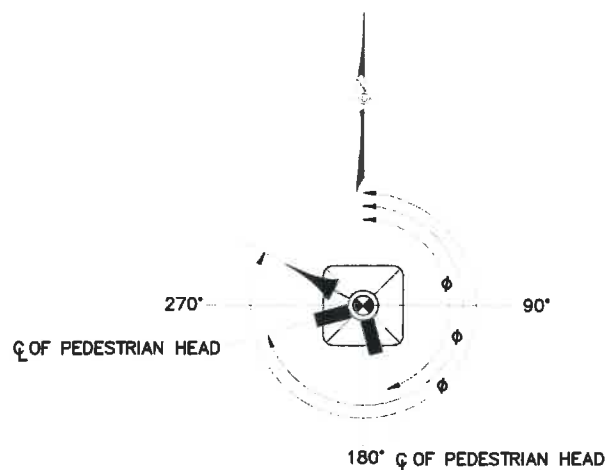
DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

42ND ST AND OLYMPIC ST POLE ENTRANCE CHART

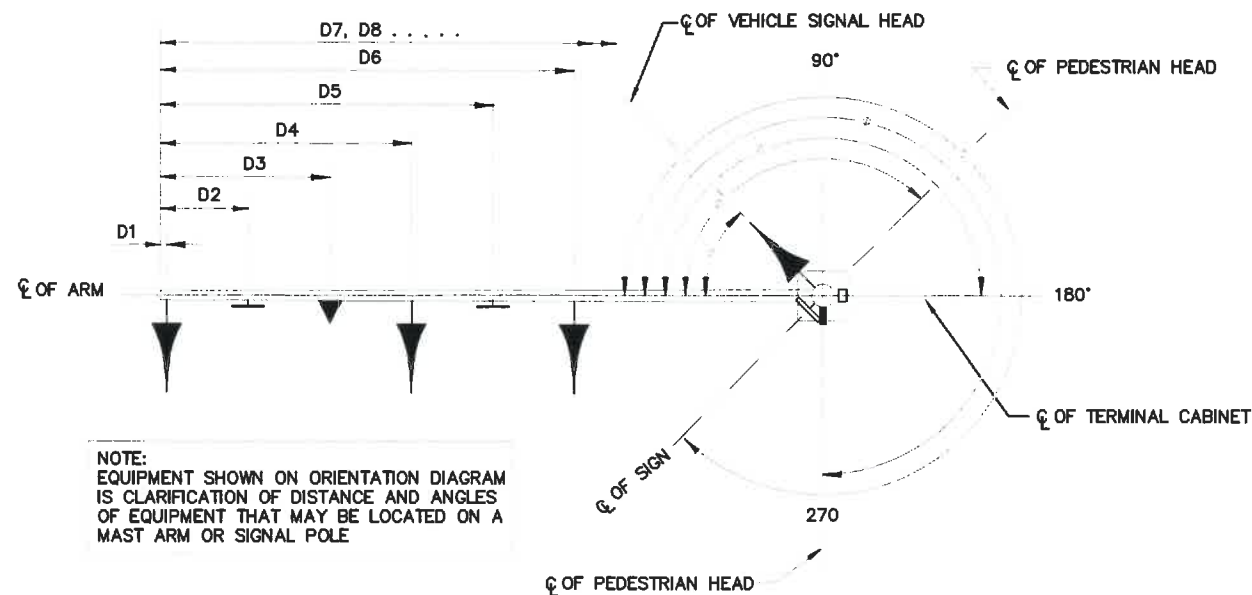
SEE TABLE			EQUIPMENT ON POLE					EQUIPMENT ON MAST ARM (LENGTH IN FEET AND EQUIPMENT TYPE)										FOUNDATION INFORMATION (SEE STD. DWG. TM467)		LUMINAIRES					MISC. ITEMS
POLE NO.	PWS NO.	TYPE	VEH. SIGNAL HGT.	PEDEST. PUSHBUTTON HGT.	TERM. CABINET HGT.	SIGNAL HGT.	VEH. SIGNAL HGT.	PEDEST. SIGNAL HGT.	ARM LENGTH	D1	D2	D3	D4	D5	D6	D7	D8	FOUNDATION	REQUIRED FOUNDATION DEPTH	ARM LENGTH	ARM DEL.	ARMING HEIGHT	ARMING TYPE	ARMING	CAMERA
B1	109	EX MP	140	20					EX	EX	EX	EX	EX	EX	EX	EX		EX	EX	EX	EX	EX	EX		
B2	108	PP	20	20														EX	EX	EX	EX	EX			
B3	105	PP	20	20														EX	EX	EX	EX	EX			
B4	106	EX MPL							EX	EX	EX	EX	EX	EX	EX	EX		EX	EX	EX	EX	EX	EX		
B5	105	EX MPL							EX	EX	EX	EX	EX	EX	EX	EX		EX	EX	EX	EX	EX	EX		
B6	106	PP	300	300														EX	EX	EX	EX	EX			

BRACKET MOUNT (SEE TRAFFIC SIGNAL PLAN FOR MOUNT TYPE)
 V2 = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)
 V3L = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)

MISC. ITEMS:
 F = FIRE PREEMPTION, (SEE STD. DWG. TM465)
 EX = EXISTING
 MP = MAST ARM POLE
 PS = PEDESTRIAN PUSHBUTTON POST
 PP = PEDESTRIAN PEDESTAL
 VP = VEHICLE PEDESTAL
 CAM = CAMERA
 RAD = RADAR



PEDESTRIAN PEDESTAL / VEHICLE PEDESTAL
ORIENTATION DIAGRAM



MAST ARM POLE ORIENTATION DIAGRAM

No.	Revision/Issue	Date



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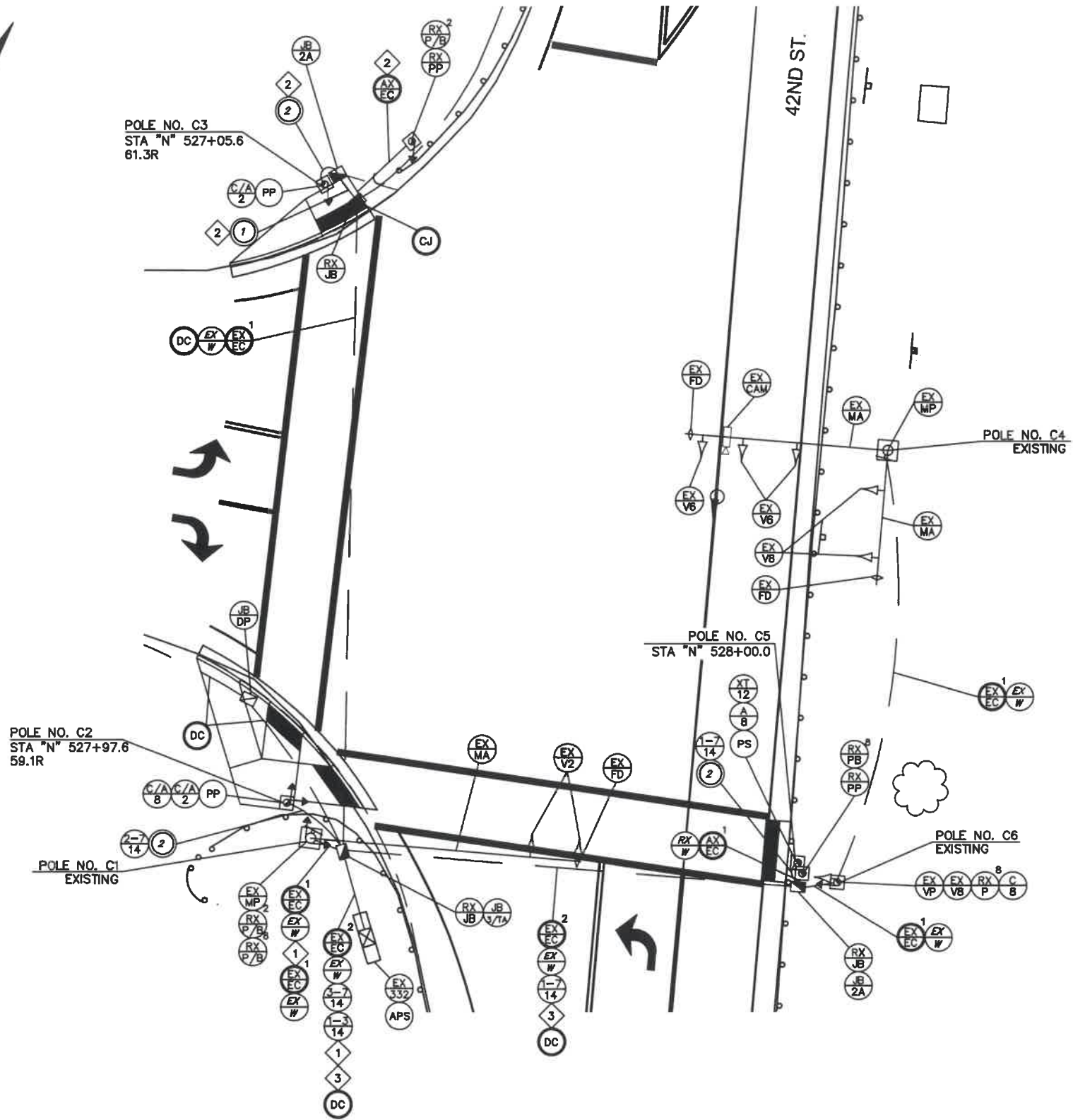


Project P21195
 42ND STREET OVERLAY
 IP TO MARCOLA ROAD

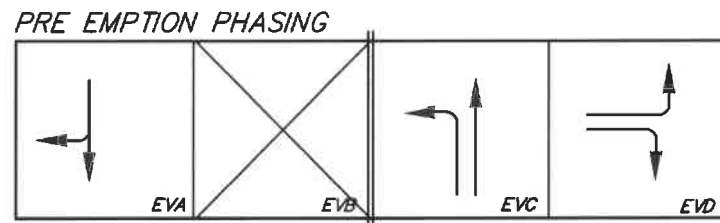
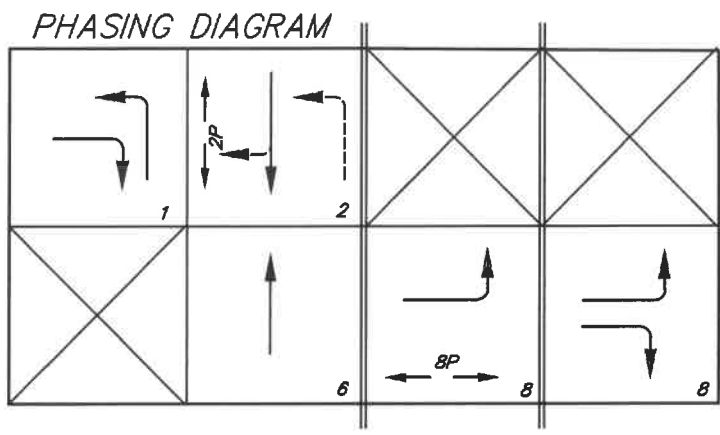
REGISTERED PROFESSIONAL ENGINEER
 85648PE
 Digitally Signed 2024.03.29 14:43:36-07'00"
 OREGON
 JUNE 7, 2012
 ADAM N. MILES
 EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: N/A	SHEET T06 OF 99
DRAWN BY: C. DENNING	
DESIGNED BY: C. DENNING	
CHECKED BY: S. PATTERSON	



42ND STREET & CONN. NO. 1/2
SCALE: 1" = 20'



CONSTRUCTION NOTES

- 1 REMOVE EXISTING WIRING ASSOCIATED WITH PHASE 2 AND 8 PEDESTRIAN SIGNALS AND PUSH BUTTONS ON POLE C1.
- 2 REMOVE AND RELOCATE WIRES ASSOCIATED WITH PHASE 2 PEDESTRIAN SIGNAL AND PUSH BUTTON FROM EXISTING POLE TO POLE C3.
- 3 REMOVE EXISTING WIRING ASSOCIATED WITH PHASE 8 PEDESTRIAN PUSH BUTTON TO EXISTING PEDESTRIAN PUSH BUTTON POST.



No.	Revision/Issue	Date

811

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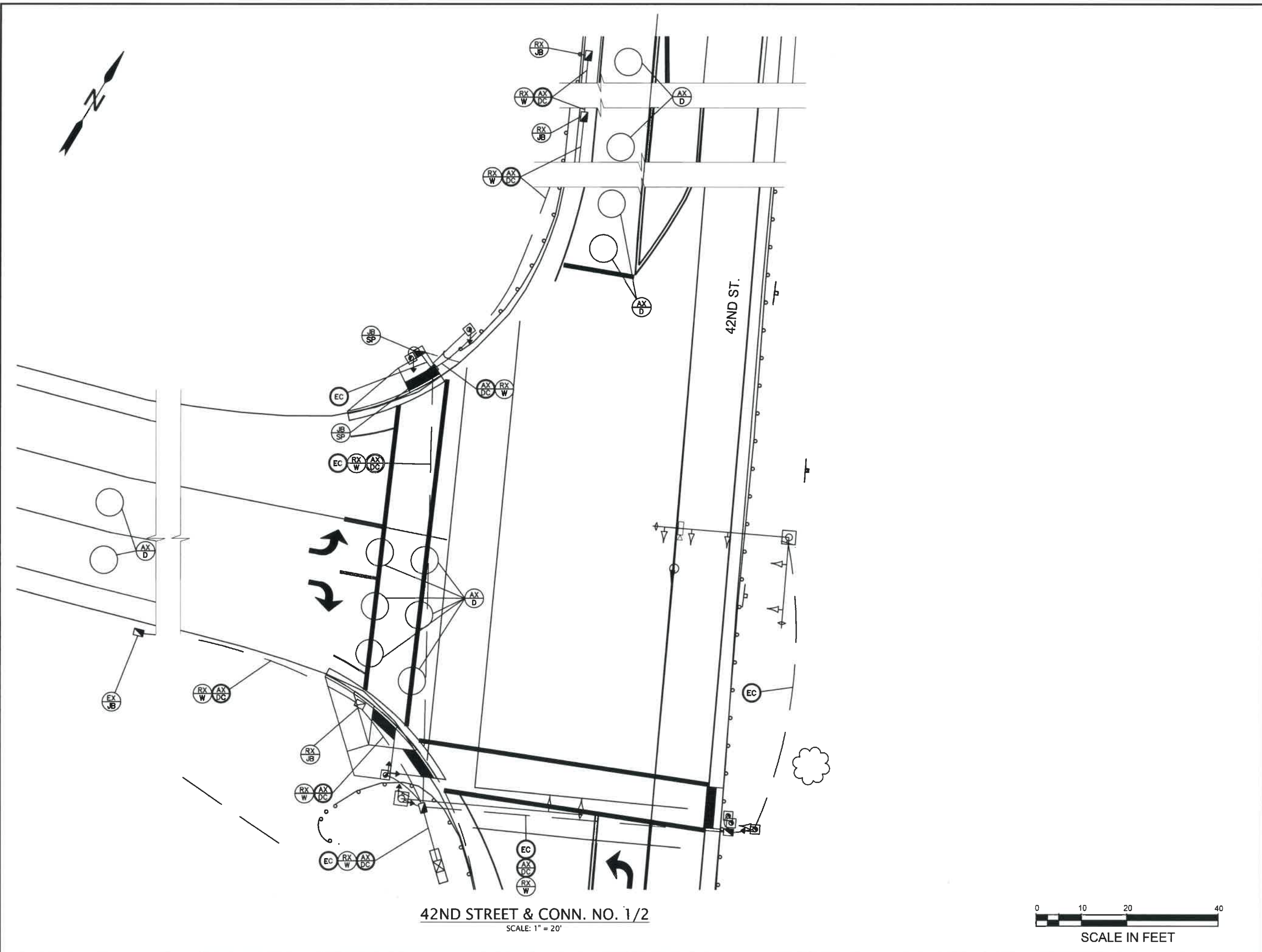
REGISTERED PROFESSIONAL
ENGINEER
85648PE
Digitally Signed 2024.03.29 14:46:52-07'00"
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: 1" = 40'

DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

SHEET T07 OF 99



No.	Revision/Issue	Date



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ENGINEER
85648PE
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OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE: 1" = 20'
DRAWN BY: C. DENNING
DESIGNED BY: C. DENNING
CHECKED BY: S. PATTERSON

SHEET
T08
OF
99



42ND ST AND CR/26 EB RAMP SIGNAL ENTRY CHART

SIGNAL NO.	DASH NO.	MOUNT	EQUIPMENT ON POLE				EQUIPMENT ON MAST ARM							FOUNDATION	FOUNDATION DIMENSIONS	ARM RELATIVE TO SIGNAL	RELATIVE TO SIGNAL	MISC. EQUIP.
			TRAFFIC SIGNAL DEC.	PEDESTRIAN PUSHBUTTON POST	TRAFFIC SIGNAL CABINET	TRAFFIC SIGNAL PEDESTAL	D1	D2	D3	D4	D5	D6	D7					
01	T01	EX MP	HA/EX	PA/EX	EX	EX	EX											
02	T01	MP	77/340	250/340														
03	T01	MP																
04	T01	EX MP			EX	EX	EX	EX	EX	EX	EX							
05	T01	PS		245														
06	T01	EX MP	155															

BRACKET MOUNT (SEE TRAFFIC SIGNAL PLAN FOR MOUNT TYPE)

V2 = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)

V3L = TRAFFIC SIGNAL TYPE 2, ADJUSTABLE SKYBRACKET MOUNT (SEE STD. DWG. TM462)

MISC. ITEMS:

F = FIRE PREEMPTION, (SEE STD. DWG. TM465)

EX = EXISTING

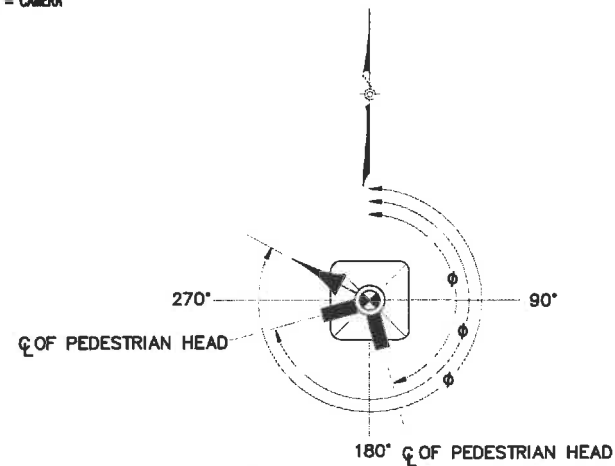
MP = MAST ARM POLE

PS = PEDESTRIAN PUSHBUTTON POST

PP = PEDESTRIAN PEDESTAL

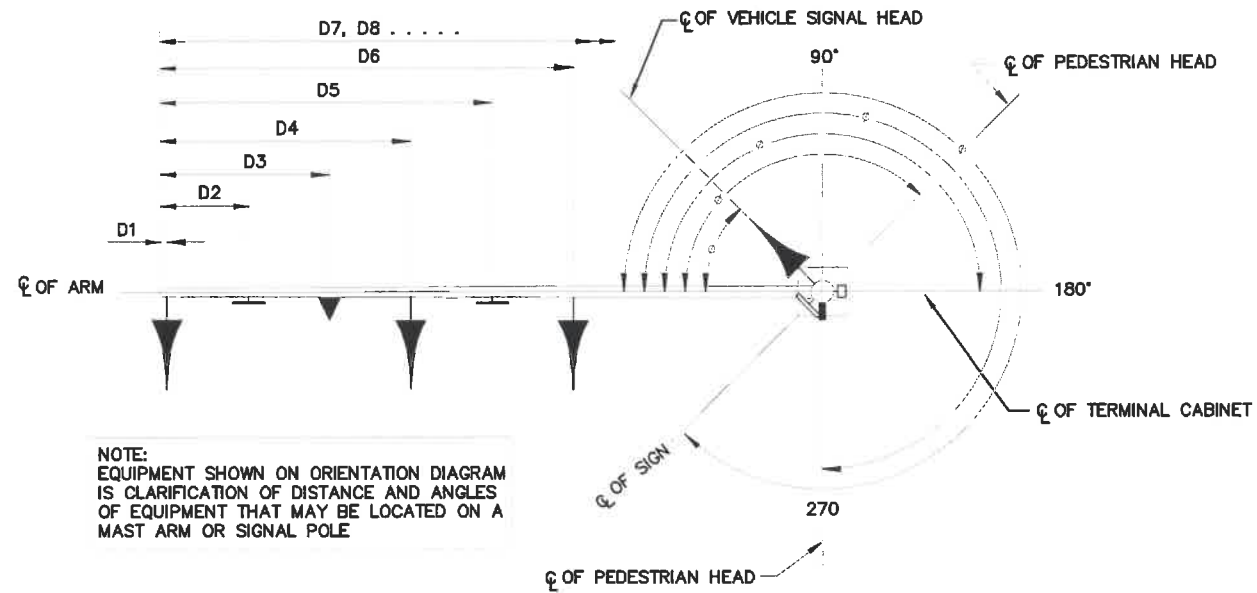
VP = VEHICLE PEDESTAL

CAM = CAMERA



PEDESTRIAN PEDESTAL / VEHICLE PEDESTAL ORIENTATION DIAGRAM

NOTE: EQUIPMENT SHOWN ON ORIENTATION DIAGRAM IS CLARIFICATION OF DISTANCE AND ANGLES OF EQUIPMENT THAT MAY BE LOCATED ON A PEDESTRIAN PEDESTAL OR VEHICLE PEDESTAL.



MAST ARM POLE ORIENTATION DIAGRAM

No.	Revision/Issue	Date



Know what's below.
Call before you dig.

UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING UTILITY LOCATIONS PRIOR TO BEGINNING OF CONSTRUCTION. THESE PLANS MAY NOT SHOW ALL UTILITIES OR THE CORRECT LOCATIONS.

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541-683-6090
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Project P21195
42ND STREET OVERLAY
IP TO MARCOLA ROAD

City of Springfield
PUBLIC WORKS / ENGINEERING
225 FIFTH STREET, SPRINGFIELD, OR 97477
PHONE (541) 726-3753 FAX (541) 726-3689
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REGISTERED PROFESSIONAL ENGINEER
85648PE
2024.03.29
Digitally Signed 14:44:50-07'00"
OREGON
JUNE 7, 2012
ADAM N. MILES
EXPIRES: 12/31/24

TRAFFIC SIGNAL MODIFICATION PLAN

N.T.S.	SHEET T09 OF 99
DRAWN BY: C. DENNING	
DESIGNED BY: C. DENNING	
CHECKED BY: S. PATTERSON	