



Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer
City-County Building, Room 115
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Madison, Wisconsin 53703
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Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

January 7, 2019

NOTICE OF ADDENDUM
ADDENDUM NO. 2
CONTRACT NO. 8292

HAMMERSLEY AVENUE ASSESSMENT DISTRICT – 2018

Deputy City Engineer
Gregory T. Fries, P.E.
Deputy Division Manager
Kathleen M. Cryan
Principal Engineer 2
Christopher J. Petykowski, P.E.
John S. Fahrney, P.E.
Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
Janet Schmidt, P.E.
Facilities & Sustainability
Jeanne E. Hoffman, Manager
Bryan Cooper, Principal Architect
Mapping Section Manager
Eric T. Pederson, P.S.
Financial Manager
Steven B. Danner-Rivers

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

SPECIAL PROVISIONS:

DELETE THE 3RD PARAGRAPH OF SECTION 105.12 COOPERATION BY THE CONTRACTOR UNDER HEADING COORDINATION WITH UTILITIES AND REPLACE WITH THE FOLLOWING:

In the event of gas main conflict requiring relocation, City of Madison to notify Shaun Endres-MGE (cell: 608-213-6708, office: 608-252-7224, sendres@mge.com). A minimum of 10 days' notice is required in order to complete diggers hotline one call and obtain necessary permits. Gas main to be assumed live until verified by MGE Representative, West Road King-MGE(608-235-0237).

REPLACE THE ENTIRE SECTION 107.7 MAINTENANCE OF TRAFFIC WITH THE FOLLOWING:

All signing and barricading shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 – Standard Detail Drawings) and the City of Madison Standards for sidewalk and bikeway closures.

A traffic control plan is provided in the plan set. The traffic control plan is a schematic representation of the traffic control. It shall not be considered to scale. The contractor shall not use the traffic control plan to represent quantity of drums. Drums shall be spaced per M.U.T.C.D. The contractor shall maintain all lanes shown on the traffic control plan. Accomplish the construction sequence, including the associated traffic control as detailed in the traffic control section of the plans, and as described in this traffic article. Unless detailed in the plans, do not begin or continue any work that closes traffic lanes outside the allowed time periods specified in this article. Submit all traffic control change requests to the construction engineer at least 7 working days prior to an actual traffic control change. A request does not constitute approval.

Traffic Control Phasing

The necessary traffic control phases for the work on Mineral Point Road are shown in the plans. This work shall not exceed more than 76 calendar days. Contractor may complete traffic control phasing in a different sequence to complete the necessary work along Mineral Point Road. Any use of temporary pavement shall be incidental to the Traffic Control bid item. The final surface of asphalt and pavement striping for all lanes along Mineral Point Road may be completed after all phases of work.

Traffic Control Phase 1

One lane of traffic with a minimum width of eleven (11) feet of asphalt shall be maintained in the inside lane on Mineral Point Rd at all times. One lane of traffic with a minimum width of twelve (12) feet of asphalt shall

be maintained in the outside lane on Mineral Point Rd at all times. Holly Avenue shall remain open to allow for right in/right out and left in/left out for the duration of phase 1. East Sunset Court shall remain closed for the duration of phase 1. Westmorland Boulevard (north of Mineral Point Road) shall remain open as a right in and right out when the Contractor is not working directly in the intersection for the duration of phase 1. The Contractor shall maintain the crosswalk along the east side of the Westmorland Boulevard /Mineral Point Road intersection. The crosswalk along the west side of the Westmorland Boulevard/Mineral Point shall be closed. The sidewalk along the north side of Mineral Point Road shall be closed between South Owen Drive and Westmorland Boulevard. The Contractor shall direct pedestrians traveling on the north side heading east to cross at South Owen Drive and cross back on the east side of Westmorland Boulevard. The same route shall be used for pedestrians traveling west. Westmorland Boulevard (south of Mineral Point Road) shall remain open to allow for right in/right out and left in/left out for the duration of phase 1.

Traffic Control Phase 2

One lane of traffic with a minimum width of twelve (12) feet of asphalt shall be maintained in each direction on Mineral Point Rd at all times. Holly Avenue, East Sunset Court and Westmorland Boulevard (north/south of Mineral Point Road) shall remain open to allow for right in/right out the duration of phase 2. The sidewalk along both sides of Mineral Point Road shall remain open.

Traffic Control Phase 3

One lane of traffic with a minimum width of eleven (11) feet of asphalt shall be maintained in the inside lane on Mineral Point Rd at all times. One lane of traffic with a minimum width of twelve (12) feet of asphalt shall be maintained in the outside lane on Mineral Point Rd at all times. Holly Avenue shall remain closed for the duration of phase 3. East Sunset Court and Westmorland Boulevard (north of Mineral Point Road) shall remain open to allow for right in/right out and left in/left out for the duration of phase 3. The crosswalks along the west and east sides of the Westmorland/Mineral Point Road intersection shall remain open. The sidewalk along the south side of Mineral Point Road shall be closed between South Owen Drive and Westmorland Boulevard. The Contractor shall direct pedestrians traveling on the south side heading east to cross at South Owen Drive and cross back at Westmorland Boulevard. The same route shall be used for pedestrians traveling west. Westmorland Boulevard (south of Mineral Point Road) shall remain open as a right in/right out when the contractor is not working directly in the intersection for the duration of phase 3.

Hammersley Ave may be closed at the project limits to through traffic for the duration of the project.

Tubular markers used to separate traffic in opposite directions shall be per WISDOT S.D.D. 15C-11 in all phases. Tubular markers used to shift traffic and placed between traffic operating in the same direction shall be white in color with yellow reflective tape. Double yellow reflective pavement marking tape shall be used whenever tubular markers are being used to separate travel lanes. Yellow four (4) inch reflective pavement marking tape shall be used whenever tubular markers are used to separate a travel lane from a work zone.

Traffic Control shall be measured as a lump sum. Payment for the Traffic Control is full compensation for constructing, assembling, hauling, erecting, re-erecting, maintaining, restoring, and removing non permanent traffic signs, drums, barricades, and similar control devices, including arrow boards, for providing, placing, and maintaining work zone. Maintaining shall include replacing damaged or stolen traffic control devices. Temporary pavement markings, tubular posts and bases and electronic message boards shall be paid for as separate bid items. Traffic control to install temporary or permanent pavement markings shall be included in the Traffic Control Lump Sum Bid Item.

Contractor shall supply all necessary mounting hardware and supports for signing. This shall also include covering and uncovering any conflicting overhead signs during the project. Contractor shall display all signing so as to be easily viewed by all users. Contractor shall mount traffic control on posts or existing poles or drive posts whenever possible. Existing poles may be used with approval of Construction Engineer. Contractor shall inspect traffic control daily to ensure all traffic control remains in place during the project.

The traffic control plan may need to be altered as conditions change in the field or as unexpected conditions

occur. This shall include relocating existing traffic control or providing additional traffic control. This should be considered incidental to providing traffic control for the project.

Type A warning lights shall be installed on all barricades used in the project per State of Wisconsin S.D.D. 15C2-4B. Contractor shall also place Type C warning lights on any barrels used to taper traffic or lane closures.

All temporary inlet or structure plating for traffic control phasing shall be considered incidental to the traffic control bid item.

Contractor shall place portable changeable message boards at least one week in advance of the start of work, notifying the public of the start of construction. Contractor shall locate the portable changeable message boards as directed by the Engineer.

Contractor shall notify the City of Madison Police Department, Fire Department, Madison Metro, and Traffic Engineering 48 hours in advance of all switchovers of traffic lanes and closures of streets. Notifications must be given by 4:00 P.M. on Thursday for any such work to be done on the following Monday. Notify Madison Metro one week prior to traffic switches, street closures, and reopening the road to through traffic for bus routing. Madison Metro contact is Tim Sobota (608) 261-4289.

Maintain sidewalk at all times on one side of the street at all times and both sides whenever possible. When sidewalk must be closed for construction purposes, contractor shall ensure that sidewalk on opposite side of the street is open. Sidewalk closures shall be signed at the crosswalks prior to the closure. Sidewalk access to all businesses shall remain open from at least one end of a block at all times. Sidewalks shall be fully open during non-working hours except where necessary to enable sidewalk to cure. In areas of sidewalk construction (northeast corner of East Sunset Ct and northwest corner of Westmorland Blvd), provide a temporary surface for pedestrian access at all times. The temporary surface shall meet Americans with Disabilities Act Accessibility Guidelines (ADAAG) requirements and shall consist of temporary asphaltic surface, any grade of concrete, skid resistant steel plating, or alternative material as approved by the Construction Engineer. Gravel or base course material is not acceptable. Maintaining Sidewalk is considered incidental to the contract.

Contractor is responsible for obtaining and installing temporary no parking signs to facilitate traffic control plan or as necessary to complete the work within the contract. The contractor shall contact John Villareal with the City of Madison Parking Utility (608-267-8756) at least 3 working days prior to needing the signs. Contractor shall post signs in accordance with the City of Madison Police Department Guidelines for temporary no parking restrictions for construction or special events. The guidelines can be found at the link listed below. This shall be considered incidental to the traffic control lump sum bid item.

http://www.cityofmadison.com/business/pw/documents/guidelines_temporarynoparkingrestrictions.pdf

The Contractor shall not remove traffic signs. For removal or replacement of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767, 8:00 a.m. to 4:00 p.m., a minimum of 2 working days in advance of when any existing signs need to be removed. This service is provided free of charge. If the contractor removes the signs, the contractor will be billed for the reinstallation of, and any damage to, the signing equipment. The contractor shall notify The City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767 upon completion of final landscaping to have permanent signs reinstalled. The contractor shall expect a minimum of seven working days to have permanent signs reinstalled. The contractor shall leave in place all necessary traffic control until given notice by the construction engineer that permanent signing is in place and temporary traffic control may be removed.

Contact Alexandra Heinritz, City of Madison Traffic Engineering, at 267-1102 or AHeinritz@cityofmadison.com for questions on this spec.

DELETE THE 2ND PARAGRAPH OF SECTION 109.2 PROSECUTION OF WORK AND REPLACE WITH

THE FOLLOWING:

The Contractor shall complete all work on Mineral Point Road and reopen all lanes to traffic in **SEVENTY-SIX (76) CALENDAR DAYS**. The time to complete this work is included in the overall timeframe of the project.

DELETE THE 5th PARAGRAPH UNDER THE HEADING STORM SEWER GENERAL WITHIN SECTION 500 SEWER AND SEWER STRUCTURES GENERAL AND REPLACE WITH THE FOLLOWING:

Precast structures are only allowed where field poured structures are not specifically called for, and no precast structures are allowed until ULO's are completed and approval of the design engineer has been received. Precast structures with diameters larger than 72-inches may be allowed for use with this project. Any precast structure with a diameter greater than 72-inches shall not be allowed without approval of the design engineer. If a precast structure with a diameter greater than 72-inches is submitted and not approved by the design engineer for any reason, the structure shall be field poured with no additional compensation to the Contractor. If a larger precast structure is allowed and the structure is found to cause additional work to allow it to fit within the proposed design (for example, shortening spaces between the structure in question and adjacent structures, or to make the structure fit around existing utilities, etc), the Contractor shall not be compensated in any manner for the additional work needed to accommodate the use of the larger precast structure.

PROPOSAL:

See below for a summary of items that have been removed, added or revised. Refer to the proposal for updated quantities. See proposal on bidexpress.com.

ITEMS:

Action	Bid Item	Description
REVISE	10720	TRAFFIC CONTROL SIGN – PORTABLE ARROW BOARD
REVISE	40201	HMA PAVEMENT 3 LT 58-28 S
REVISE	40202	HMA PAVEMENT 4 LT 58-28 S
REVISE	50499	CONCRETE COLLAR
50801 UTILITY LINE OPENING (ULO) IS LISTED TWICE		
REMOVE	50801	UTILITY LINE OPENING (ULO)
REVISE	50801	UTILITY LINE OPENING (ULO)

PLANS:

Title Sheet: Revised TC page numbers.

D-1: Revised the upper and lower pavement type to 4 LT.

U-5: Added ULO3 & reprint to match water PnP.

U-6: Removed call off “save tree, if possible”. Tree needs to be removed and added text note.

U-9: Revise storm sewer ULOs.

TC-1 & TC-2: Changed outside lane width to 12 feet.

TC-3 & TC-4: Changed phase 2 to show inbound and outbound inside lanes closures.

TC-5 & TC-6: Added phase 3 to show inbound inside and outside lane closures. Change outside lane width to 12 feet.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

<http://www.bidexpress.com>

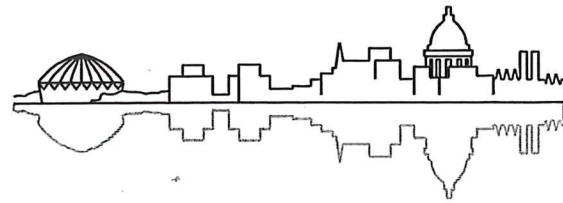
If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Phillips". The signature is written in a cursive style with large, looping letters.

Robert F. Phillips, P.E.
City Engineer

RFP:AJZ



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

REVISION 1/4/19-AJZ
-revise TC page numbers

PUBLIC IMPROVEMENT PROJECT APPROVED

NOVEMBER 20, 2018

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer Date 12/13/18

STREET
DESIGNED BY:

ANDREW J. ZWIEG
E-41753
FITCHBURG, WI
12-12-18

INDEX OF SHEETS

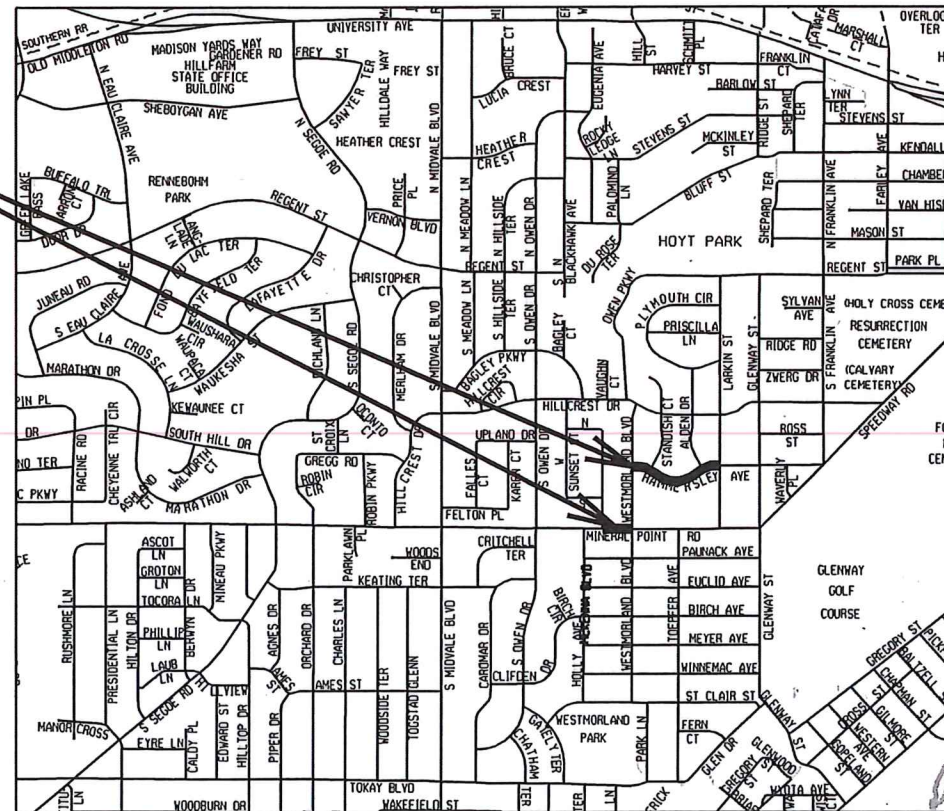
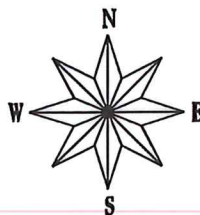
SHEET NO.	TITLE
SHEET NO. 1	TITLE
SHEET NO. D1-D2	TYPICAL SECTIONS
SHEET NO. D3	MINERAL POINT RD DETAIL
SHEET NO. ECI-EC5	EROSION CONTROL PLANS
SHEET NO. P1-P4	STREET PLAN & PROFILES
SHEET NO. U1-U6	SEWERS PLAN & PROFILES
SHEET NO. U7-U9	SEWER SCHEDULES
SHEET NO. W1-W5	WATER PLAN & PROFILES
SHEET NO. W6-W9	EXISTING WATER SYSTEM IMPACT PLAN
SHEET NO. W10	WATER DETAILS/NOTES/ESTIMATE OF MATERIALS
SHEET NO. TCI-TC6	TRAFFIC CONTROL PLANS
SHEET NO. RMI-PM2	PAVEMENT MARKING PLANS
SHEET NO. XI-X6	HAMMERSLEY AVENUE CROSS SECTIONS
SHEET NO. X7	STANDISH COURT CROSS SECTIONS
SHEET NO. X8	ALDEN DRIVE CROSS SECTIONS

HAMMERSLEY AVENUE ASSESSMENT DISTRICT - 2019

CITY PROJECT NO. 11753

CONTRACT NO. 8292

PROJECT
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	□

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY).....2,250 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....250 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....2,500 C.Y.

PAVEMENT MARKING &
TRAFFIC CONTROL
DESIGNED BY:

MARK S. WINTER
E-39453
MADISON, WI
12/12/18

SANITARY SEWER
DESIGNED BY:

KYLE D. FRANK
E-45653
MADISON, WI
12-12-18

WATER MAIN
DESIGNED BY:

KELLY B. MIESS
E-41821
MADISON, WI
12-12-18

STORM SEWER
DESIGNED BY:

KYLE D. FRANK
E-45653
MADISON, WI
12-12-18

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

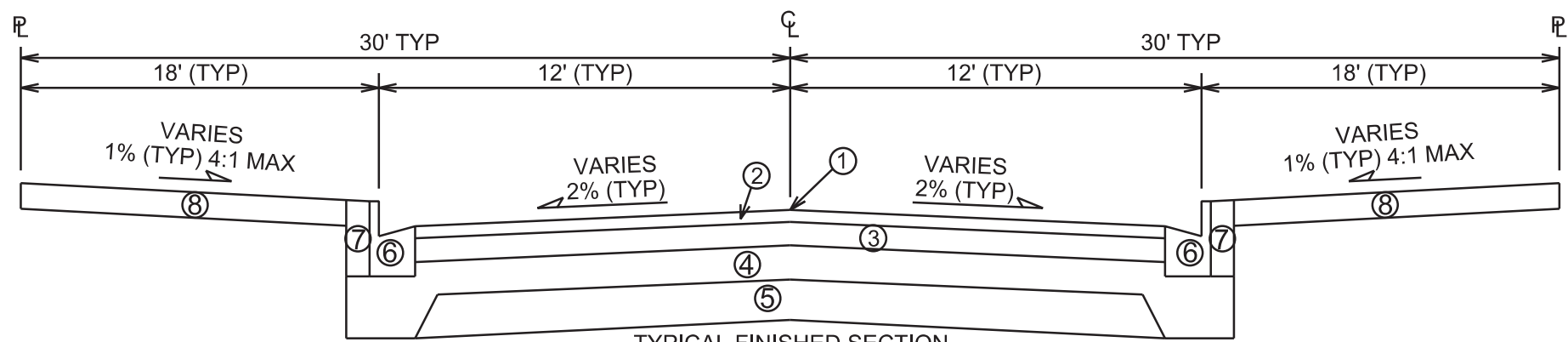
TYPICAL SECTIONS
HAMMERSLEY AVE
STANDISH CT
ALDEN DR
CITY OF MADISON

REVISION 1/4/19-AJZ
-change upper & lower
pavement type to 4 LT

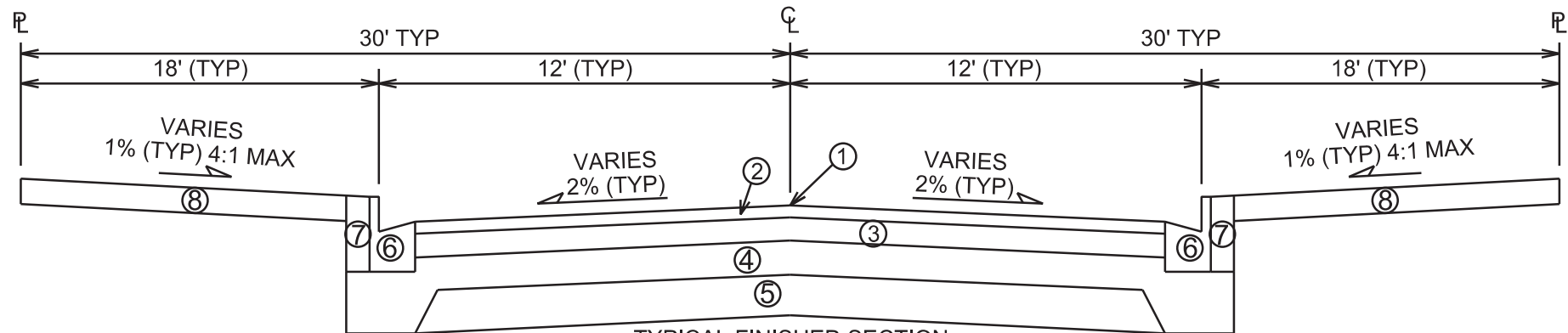
- ① POINT REFERRED TO ON PROFILE
- ② 1 3/4" HMA UPPER LAYER, 4 LT 58-28 S
- ③ 1 3/4" HMA LOWER LAYER, 4 LT 58-28 S
- ④ 6" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 6" TOPSOIL, TERRACE SEED AND EROSION MAT

GENERAL NOTES:

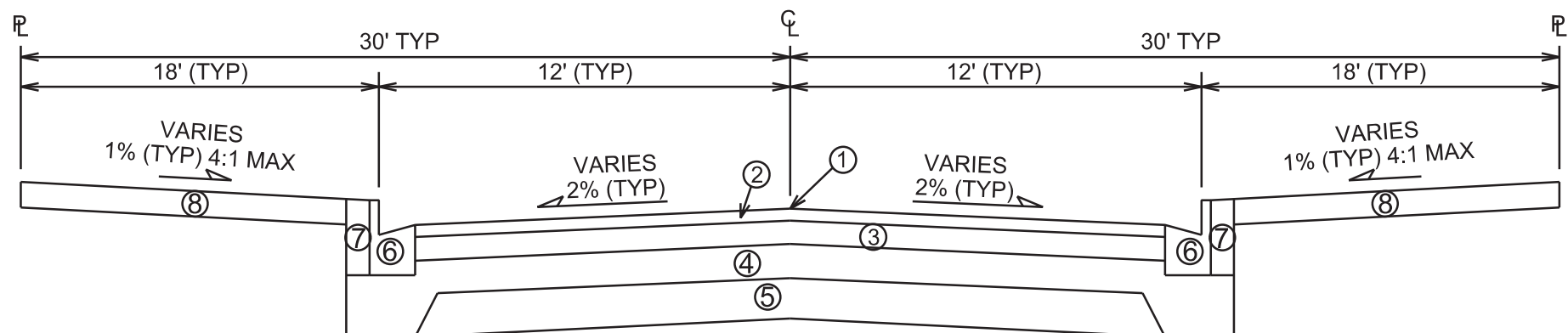
1. SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.
2. TYPICAL SECTIONS NOT TO SCALE.
3. TYPICAL TRANSITION BETWEEN TYPE 'A' AND TYPE 'X' CURBS SHALL BE 6' IN LENGTH UNLESS OTHERWISE NOTED. CONFIRM DRAINAGE ALONG CURB TRANSITIONS.
4. ALL CURB & GUTTER IS TO BE PAID AS TYPE 'A' UNLESS NOTED OTHERWISE. HAND FORM CURB AND GUTTER IS ONLY TO BE PAID WHEN DIRECTED BY THE ENGINEER TO MINIMIZE DISTURBANCE AROUND EXISTING TREE LOCATIONS.



TYPICAL FINISHED SECTION
HAMMERSLEY AVENUE
STA 201+05 TO STA 210+03



TYPICAL FINISHED SECTION
STANDISH COURT
STA 300+50 TO STA 301+75



TYPICAL FINISHED SECTION
ALDEN DRIVE
STA 400+50 TO STA 401+35

PLOT SCALE: _____

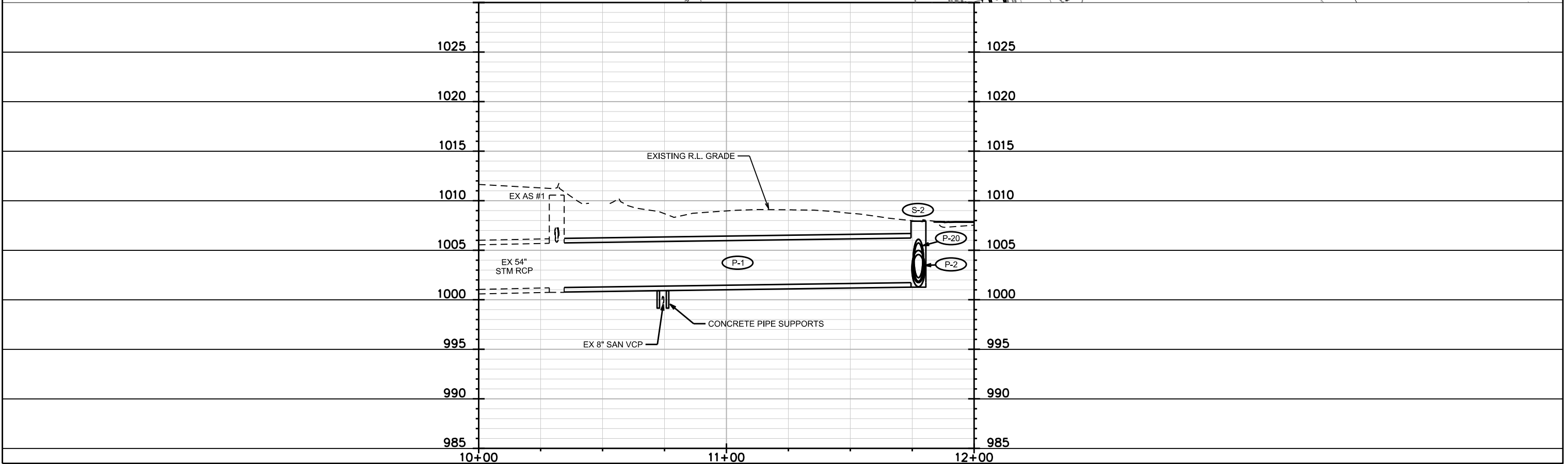
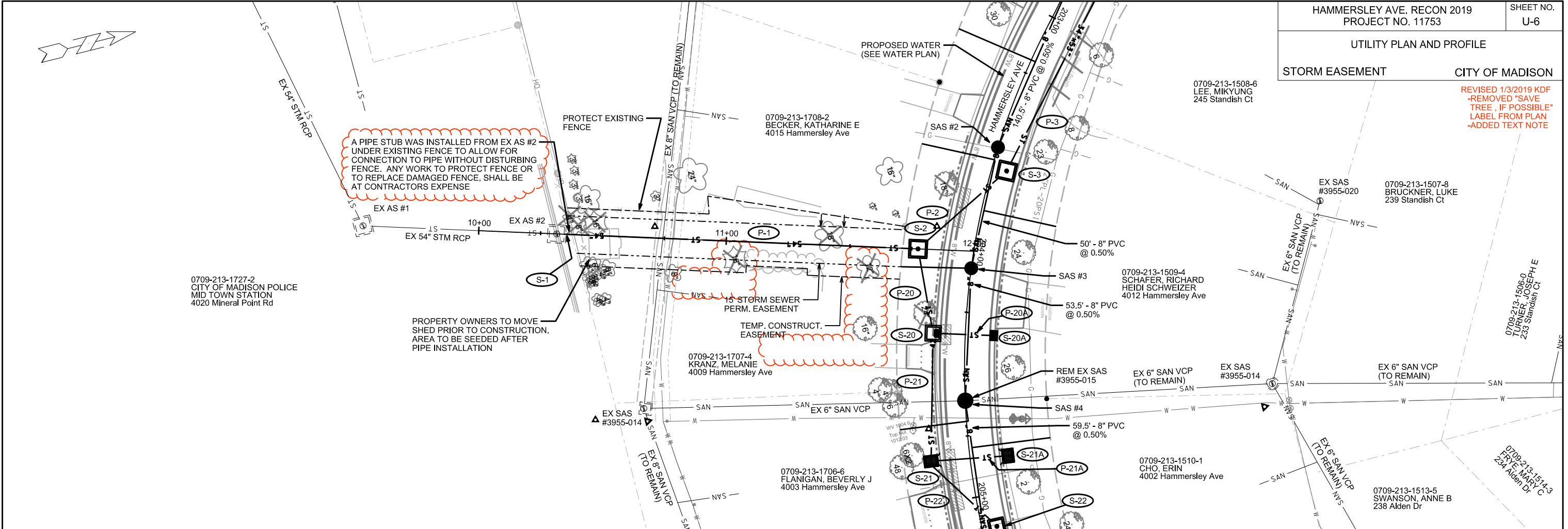
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN AND PROFILE
STORM EASEMENT CITY OF MADISON

REVISED 1/3/2019 KDF
-REMOVED "SAVE TREE, IF POSSIBLE" LABEL FROM PLAN
-ADDED TEXT NOTE



PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
MINERAL POINT RD					
R-100	AS 3855-001	306+15.85	LT-14.25	5X7 SAS	-
R-101	AS 3855-007	305+03.65	LT-15.45	5X7 SAS	-
R-101A	IN 3855-009	305+05.65	LT-22.25	INLET	-
R-101B	IN 3855-010	305+01.85	LT-22.25	INLET	-
HAMMERSLEY AVE					
R-1	IN 3955-012	209+42.50	RT-11.00	INLET	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
MINERAL POINT RD							
RP-100	R-100	R-101	105	18"	RCP	N	-
RP-101	R-101	S-101	170	18"	RCP	N	-

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
HAMMERSLEY AVE					
ULO1	202+41.60	LT-24.30	GAS	-	-
ULO2	205+90.90	LT-8.20	GAS	-	-
MINERAL POINT RD					
* ULO3	306+11.85	LT-14.25	GAS	-	-

ABANDON STORM PIPES

ABAN NO.	ABAN FROM	ABAN TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
MINERAL POINT RD						
AP-100	S-101	AS 3855-012	27.0	18"	RCP	W/ SLURRY
AP-101	IN 3855-034	AS 3855-001	260	24"	RCP	[1], W/ PLUGS

* 4 ADDITIONAL UNDISTRIBUTED ULO'S

SPECIFIC NOTES

[1] PIPE PLIGS TO BE PAID FOR UNDER BID ITEM 20336

STANDARD NOTES:

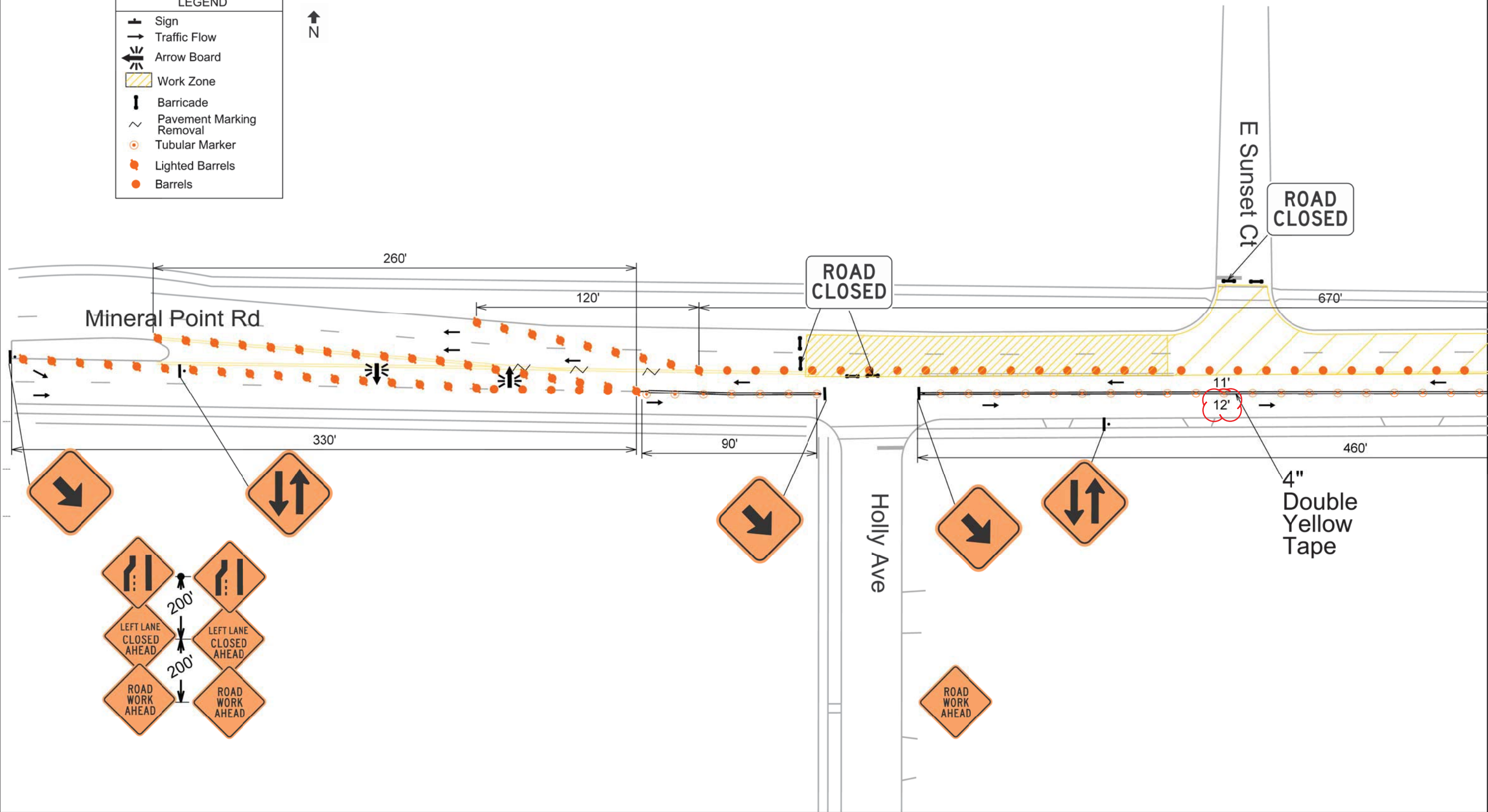
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

REVISION 1/4/19 AH
-changed outside lane width to 12 feet.

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Work Zone
	Barricade
	Pavement Marking Removal
	Tubular Marker
	Lighted Barrels
	Barrels



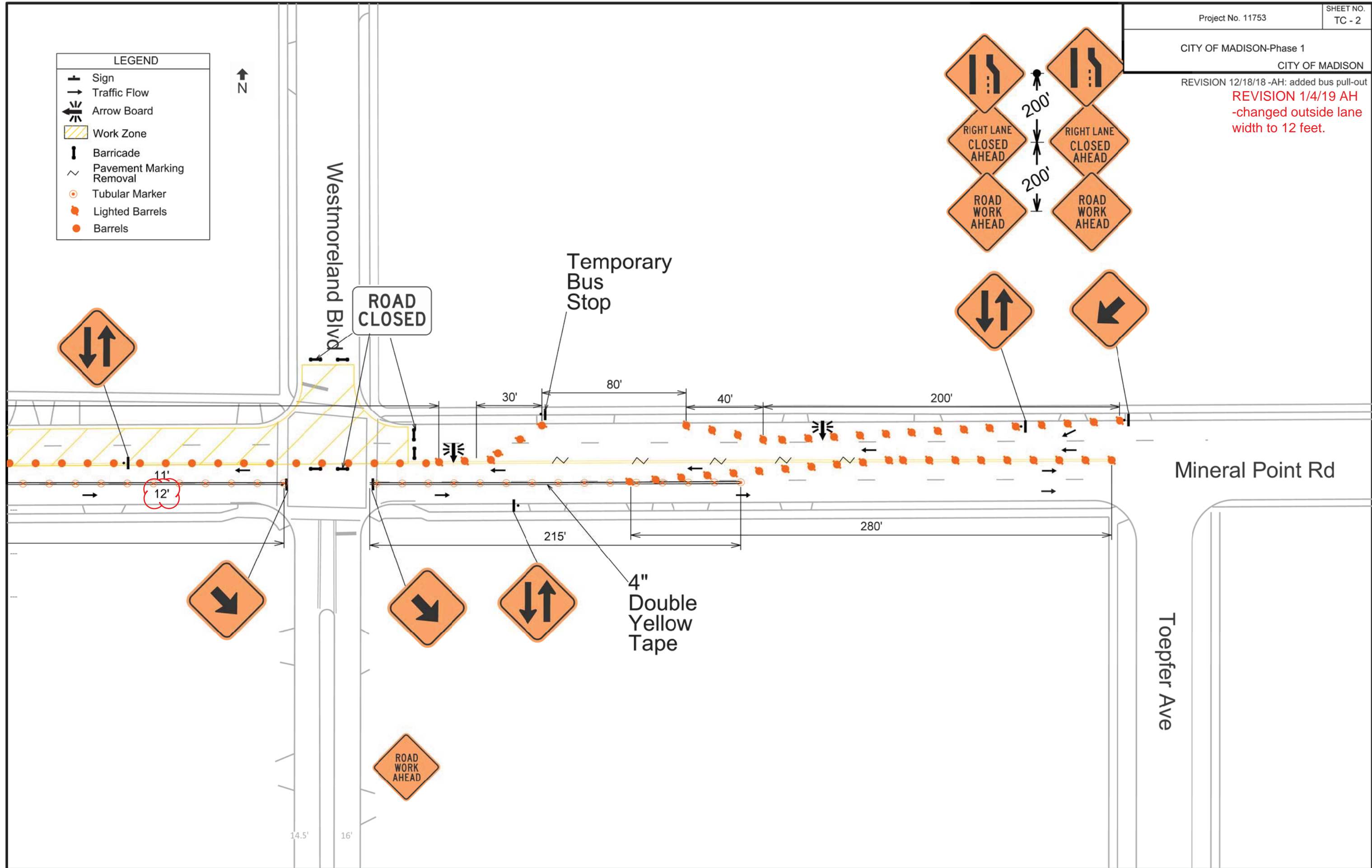
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV. _____



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Work Zone
	Barricade
	Pavement Marking Removal
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	Lighted Barrels
	Barrels



PLOT SCALE: _____
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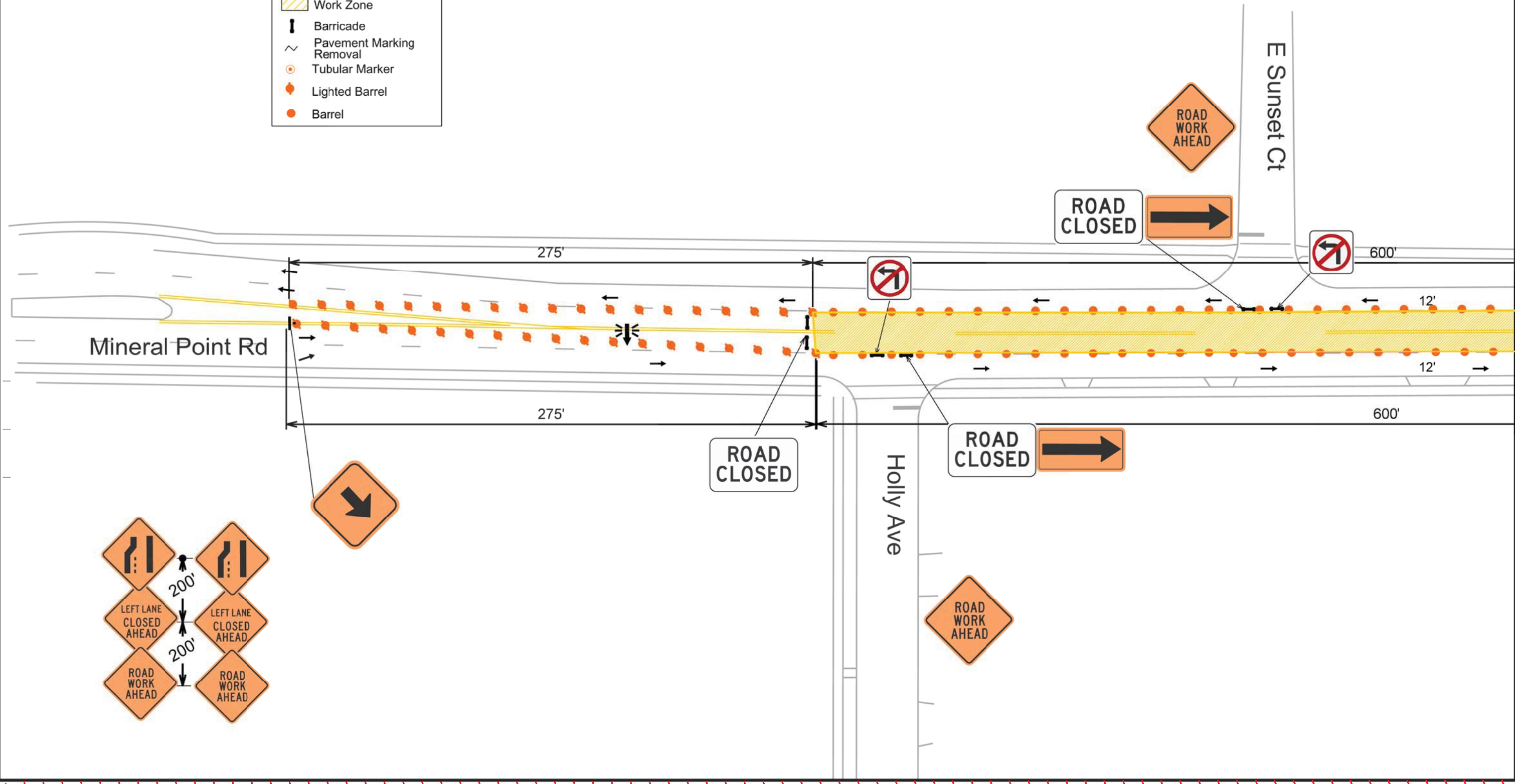


REVISION 1/4/19 AH
-changed phase 2 to show inbound & outbound inside lanes closed

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Work Zone
	Barricade
	Pavement Marking Removal
	Tubular Marker
	Lighted Barrel
	Barrel



PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
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REVISION 1/4/19 AH
-added phase 3
-changed outside lane width to 12 feet.

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Work Zone
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	Tubular Marker
	Lighted Barrel
	Barrel

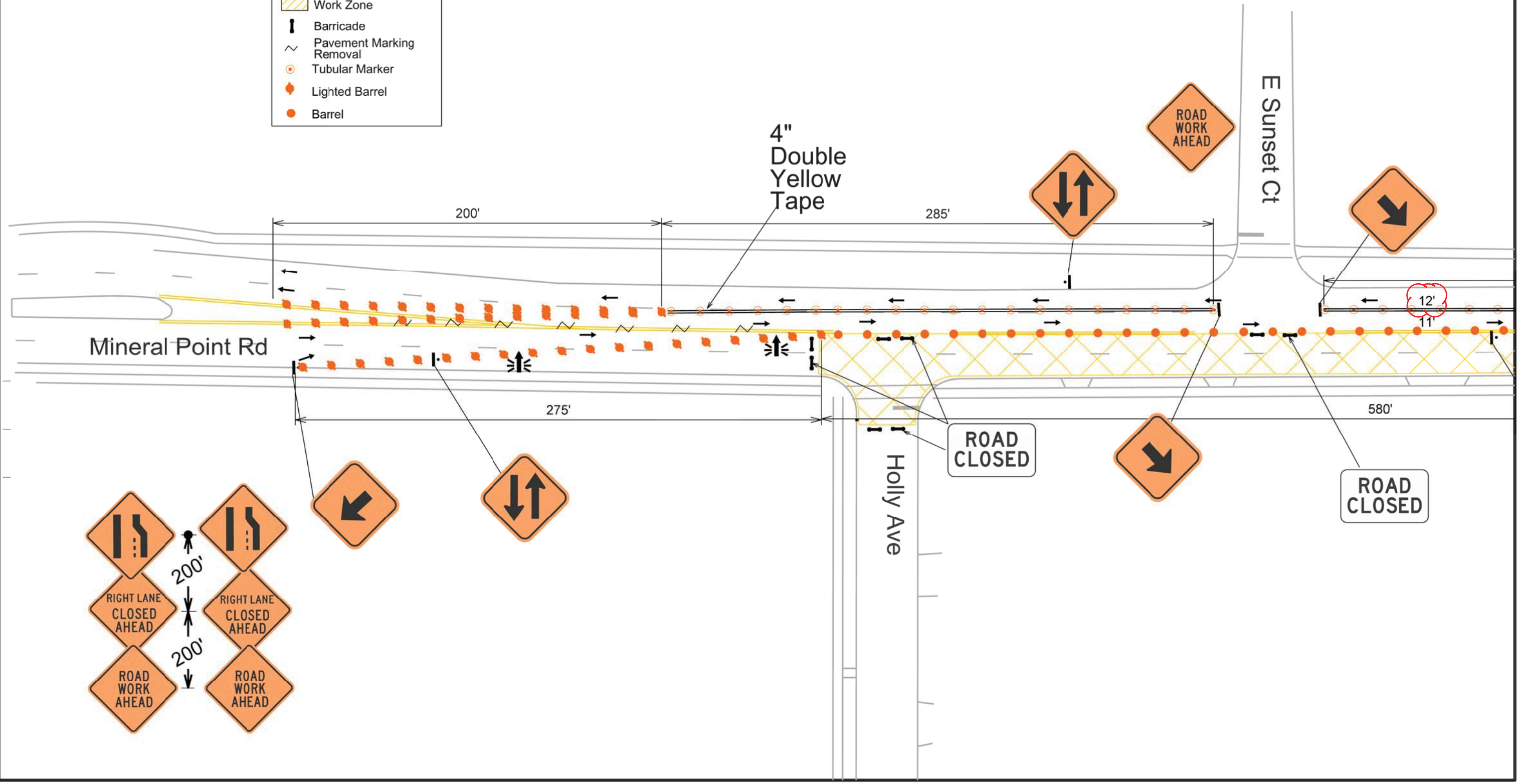


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV. _____



REVISION 1/4/19 AH
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LEGEND	
	Sign
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PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV. _____

