Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
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May 3, 2018

NOTICE TO ALL CONTRACTORS:

Proposal #30:

6414-00-80, WISC-2018 265
Village of Whiting, Post Road
Tommy's Turnpike to Elm Street
Business 51
Portage County

6414-00-81, WISC-2018 266
Village of Whiting, Post Road
Elm Street to Minnesota Avenue
Business 51
Portage County

6414-00-85
Village of Whiting, Post Road
Tommy's Turnpike to Elm St
Business 51
Portage County

6414-00-86
Village of Whiting, Post Road
Elm Street to Minnesota Avenue
Business 51
Portage County

Letting of May 8, 2018

This is Addendum No. 1, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
4	Traffic
12	Utilities
65	Grit Chamber, Type C, Item SPV.0060.40
91	Infiltration Basin Soil Mix, Item SPV.0180.02

Added Special Provisions	
Article No.	Description
92	Fish Habitat Structure Trees, Item SPV.0060.51.
93	Removing Old Structure Over Waterway with Minimal Debris Station 263+49, Item 203.0600.S.01

Deleted Special Provisions	
Article No.	Description
22	Debris Containment B-49-0067, Item 203.0225.S.01

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	64,979	875	65,854
305.0120	Base Aggregate Dense 1 ¼-Inch	TON	43,815	4813	48,628
313.0115	Pit Run	CY	7,770	160	7,930
465.0125	Asphaltic Surface Temporary	TON	1,279	1,989	3,268
506.0605	Structural Steel HS	LB	94,740	4,870	99,610
603.8000	Concrete Barrier Temporary Precast Delivered	LF	821	-481	340
603.8125	Concrete Barrier Temporary Precast Installed	LF	821	-141	680
603.8505	Anchoring Concrete Barrier On Bridge Decks	LF	150	-45	105
608.0412	SS Pipe RCP Class IV 12-Inch	LF	5,051	-2	5,049
608.0418	SS Pipe RCP Class IV 18-Inch	LF	1,104	-20	1,084
608.0424	SS Pipe RCP Class IV 24-Inch	LF	3,622	86	3,708
611.0530	MH Covers Type J	Each	67	-1	66
611.0624	Inlet Covers Type H	Each	166	3	169
611.0639	Inlet Covers Type H-S	Each	83	1	84
611.2004	MH 4-FT Diameter	Each	20	-1	19
611.2006	MH 6-FT Diameter	Each	13	1	14
611.3230	Inlets 2x3-FT	Each	211	2	213
643.0300	Traffic Control Drums	Day	369,659	64,084	433,743
643.0410	Traffic Control Barricades Type II	Day	4,708	2,186	6,894
643.0420	Traffic Control Barricades Type III	DAY	59,998	21,212	81,210
643.0500	Traffic Control Flexible Tubular Marker Posts	Each	825	15	840
643.0600	Traffic Control Flexible Tubular Marker Bases	Each	825	207	1,032
643.0705	Traffic Control Warning Lights Type A	Day	68,788	-26,632	42,156
643.0715	Traffic Control Warning Lights Type C	Day	23,325	13,546	36,871
643.0900	Traffic Control Signs	Day	47,699	18,232	65,931
649.0105	Temporary Marking Line Paint 4-Inch	LF	82,776	4,120	86,896
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	67,933	16,598	84,531
649.0205	Temporary Marking Line Paint 8-Inch	LF	5,467	761	6,228
649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	6,472	5,405	11,877
649.0505	Temporary Marking Arrow Paint	Each	70	3	73
649.0550	Temporary Marking Arrow Removable Tape	Each	69	32	101
649.0605	Temporary Marking Word Paint	Each	8	-3	5
649.0650	Temporary Marking Word Removable Tape	Each	5	-2	3
649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	298	315	613
649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	715	521	1,236
649.0905	Temporary Marking Diagonal Paint 12-Inch	LF	2,580	-166	2,414
SPV.0060.44	Inlets 6-FT Diameter	Each	4	-1	3

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0600.S.01	Removing Old Structure Over Waterway with Minimal Debris Station 263+49	LS	0	1	1

310.0115	Base Aggregate Open-Graded	CY	0	730	730
650.4500	Construction Staking Subgrade	LF	0	18,907	18,907
650.8500	Electrical Installations (6414-00-80)	LS	0	1	1
650.8500	Electrical Installations (6414-00-81)	LS	0	1	1
650.9920	Construction Staking Slope Stakes	LF	0	18,907	18,907
SPV.0060.51	Fish Habitat Structure Trees	EA	0	5	5

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0225.S.01	Debris Containment B-49-0067	LS	1	-1	0
616.0204	Fence Chain Link 4-FT	LF	168	-168	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
13	Added notes to the typical section to include the addition of base aggregate open-graded to promote fish habitat including under B-49-67.
14	Added notes to the typical section to include the addition of base aggregate open-graded to promote fish habitat.
15	Added notes to the typical section to include the addition of base aggregate open-graded to promote fish habitat.
33	Revised note to indicated casting is also incidental to the grit chamber
94	MH 13 corrected to an 8-FT diameter from 7-FT
226	Updated for new Earthwork for new stage plan temp pavement at McDill Avenue
227	Updated for additional Pit Run quantity as shown on updated typical section
228	Updated overall total for Excavation Common and Pit Run
272	Updated Asphaltic Surface Temporary
277	Updated errors in SS totals – some totals added some removed
278	Updated errors in SS totals - some totals added some removed
279	Updated overall totals
280	Updated errors in SS totals
281	Updated overall totals
282	Removed item from plans
288	Updated Traffic Control quantities for new stage plans
289	Updated Traffic Control quantities for new stage plans
296	Updated Temporary Pavement Marking quantities for new stage plans
297	Updated Temporary Pavement Marking quantities for new stage plans
298	Updated Temporary Pavement Marking quantities for new stage plans
301	Added new item
303	Added new item
310	Added new item
496	Bid item change and revised quantity.
497	Bid item change and revised quantity.
511	Plate thickness change.
513	Plate thickness change.
514	Plate thickness change.
515	Deflection and elevation change.
531	Change to 4-lanes of traffic during stage.
532	Change to 4-lanes of traffic during stage.
542	Updated EW chart for added temp pavement near McDill Ave

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
33A	Added detail for Fish Habitat Structure Trees
134A-134M	Replaced the temporary traffic signal section of the plans at CTH HH consisting of 13 pages due to a traffic control update.
174A-174CI	Replaced the entire traffic control plan sections consisting of 87 pages. No major work is to occur at the CTH HH/ Bus 51 intersection during the 2018 construction season.
270A-270B	Replace only the Base Aggregate items from page 269 and 270 with the revised Base Aggregate Dense 1 ¼-Inch quantities and new Open-Graded quantities shown.

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was replaced)
135 - 145	Traffic control was completely changed therefore the temporary signal sheets at CTH HH needed to be replaced with totally new sheets.
175-249	Traffic control was completely changed. Completely remove and replace with the new stage plans.
276	Quantity Sheet deleted but items shown elsewhere now

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

6414-00-80/81/84/85

May 3, 2018

Special Provisions

3. Prosecution and Progress.

Add the following:

Stage 2 includes work on the causeway earthwork fills. Do not place final concrete pavement, curb and gutter or sidewalks on the new northbound roadway from STA 262+00 to 281+00 during the 2018 construction season.

Do not remove the existing pavement surface from STA 262+00 to 281+00 during the 2018 construction season unless approved by the engineer.

Complete the following work by November 30, 2018.
-Subgrade fill on the causeway from STA 262+00 to 281+00.
-Storm sewer laterals on the west leg of CTH HH at STA 893+85 and 895+78.
-Northbound portion of structure B-49-67 as shown in the plans.
-Northbound lanes of Business 51, including all storm sewer, curb and gutter, sidewalks, landscaping, pavement marking and signing, from STA 208+50 to STA 252+50.

Do not perform any in-water work between March 1, 2018 to June 15, 2018 or March 1, 2019 to June 15, 2019.

4. Traffic.

replace the entire article language with the following:

Construct the project in 4 stages while maintaining two lanes of through traffic on Business 51. Details of each stage are listed below.

Construct Business 51 one half at a time utilizing crossovers or lane shifts. Locate the southern crossover between Patton Drive and MacArthur Way just south of the project limits. Locate the northern crossover between the project limits and Minnesota Avenue. Other crossovers will be necessary for the side street construction of Tommy's Turnpike/Porter Drive and CTH HH/McDill Avenue. Certain construction activities, i.e. storm sewer construction, will require a temporary one lane operation utilizing flaggers.

Provide and maintain access to businesses and residences at all times. Construct multiple entrances onto Business 51 on an open/close alternating basis. Construct properties with single entrances onto Business 51 one half at a time or provide a temporary base aggregate dense entrance constructed next to the existing entrance. Properties with alternate/additional access from a side street or alley shall use the alternate side street access while the entrances onto Business 51 are constructed.

Detailed staging information is as follows:

General

Construction will occur in 2018 and 2019. The following general sections as detailed in the construction staging plans are to be constructed:

In 2018: Stage 1 and 2

Winter Shutdown Stage
In 2019: Stage 3 and 4

Maintain a minimum of one12-foot travel lane in each direction at all times. Any flagging operations that reduce the traffic down to one lane shall be approved by the engineer prior to use.

Provide 10-foot left turn lanes at the intersections of Tommy's Turnpike/Porter Rd and at CTH HH/McDill Avenue. No left turns allowed at other intersections, except for police and emergency vehicles.

Alternate closing of intersections to allow for construction during stages 2 and 3.

Update construction staging signs and temporary pavement marking and temporary traffic signals between all stages and sub-stages.

Temporary Sidewalk Stage:
Set up traffic control for the closure of the southbound curb lane. Install the west side temporary sidewalk.

Stage 1:
In stage 1, reduce traffic on Business 51 and the west leg of CTH HH to one lane in each direction. The east leg (McDill Avenue) will only reduce westbound traffic to one lane. Traffic will utilize the existing outside lanes of Business 51 and CTH HH. The east leg (McDill Avenue) will use the inside lane for west bound traffic. The purpose of the stage is to remove medians and place temporary pavement in advance of Stage 2. The sub stages of 1A, 1B, 1D and 1D are used to install storm sewer lines between Macarther Way and Tommy's Turnpike.

Remove the existing raised median from the deck of B-49-67 to allow for full deck width use in future stages.

Install temporary signals at Tommy's Turnpike/Porter Rd, and CTH HH/McDill Avenue, construction staging signs and temporary pavement marking.

Stage 2A:
Shift Business 51 traffic to the west side while the east side is constructed. Close Porter Road and Willow Street East to through traffic during construction. Cedar Street and Elm Street are to remain open to traffic. Construct the infiltration basins on Cedar Street East and Elm Street, as well as the cul-de-sacs on Locust Street and Beech Street. Begin construction on the east side of the McDill Pond causeway. Begin construction of new structure B-49-67. Install the temporary precast barrier wall across existing B-49-67.

Close sidewalks on the east side of Business 51 to pedestrians.

Stage 2B:
Business 51 traffic remains the same as Stage 2A. Porter Road and Willow Street are open to traffic while Cedar Street East and Elm Street are closed to through traffic for construction.

Winter Shutdown Stage:
Complete the temporary asphalt paving of the Bus 51 center median area. Remove all drums, flexible tubular markers posts and bases. Update the temporary pavement marking, temporary traffic signals and construction stage signs.

Provide left turn lanes at all intersections.

Shift Business 51 traffic northbound traffic to the newly constructed northbound lanes and shift Business 51 southbound traffic back to the existing southbound lanes. Traffic across the causeway will use the existing northbound and southbound lanes.

Stage 3A-A:

Shift Business 51 traffic to the west side near the intersection of CTH HH and reduce northbound and southbound Business 51 traffic down two one lane in each direction except for turn lane designations as shown in the plans. Traffic on CTH HH will be shifted to the north side and reduced to one lane in each direction except for turn lane designations as shown in the plans.

Begin work on the southeast quadrant of the CTH HH intersection, east leg of the intersection and west leg of the intersection. Work continues on the causeway and resumes on the northbound lanes of Business 51 from Elm Street to CTH HH.

Some work at the intersection will require off-peak work times.

Work can begin south of the Business 51 / CTH HH intersection utilizing the staging shown in Stage 3A.

Stage 3A-B:
Business 51 traffic remains on the west side as in Stage 3A-A. Shift traffic on CTH HH to the south side and begin work on the northwest and northeast quadrants of the intersection. Work continues on the causeway and on the Business 51northbound lanes from Elm Street to CTH HH. Complete paving operations on the northbound lanes of the causeway prior to moving on to Stage 3A-C-1.

Stage 3A-C-1:
Shift Business 51 traffic to the east side near the intersection of CTH HH and provide one northbound and one southbound lane in each direction except for turn lane designations as shown in the plans. Business 51 traffic is also shifted to the new east side of B-49-67. Traffic on CTH HH remains on the south side. Complete the partial segmental paving work at the intersection in the northwest and southwest quadrants. Begin removal work of the west side of old B-49-67. Work begins on the southbound lanes of Business 51 south of CTH HH and north of structure B-49-67.

Stage 3A-C-2:
Traffic at the Business 51 / CTH HH intersection remains similar to Stage 3A-C-1 except that Business 51 southbound right turns onto CTH HH and eastbound CTH HH left turns onto Business 51 are not allowed. Complete the partial segmental paving work at the intersection in the northwest quadrant. Work on the westbound lanes of CTH HH continues.

Stage 3A-D:
Traffic on Business 51 at the CTH HH intersection remains similar to Stage 3A-C-2 except that traffic on CTH HH is shifted to the newly constructed north side. Complete the partial segmental paving work at the intersection in the southwest quadrant. Work continues on the southbound lanes of Business 51 and on the eastbound lanes of CTH HH.

Stage 3A:
Business 51 traffic remains on the east side. Shift CTH HH traffic to the outside lanes and begin work on the center medians of CTH HH. Close Tommy's Turnpike and close Willow Street to through traffic during construction. Cedar Street remains open to traffic.
Move pedestrian traffic to the newly constructed east side of Business 51. Install temporary pedestrian accommodations where shown in the plans.

Stage 3B:
Business 51 traffic control remains mostly the same as in Stage 3A, some variations are required at the intersections. Open Tommy's Turnpike and Willow Street to traffic. Close West Cedar Street to through traffic. Traffic control at CTH HH/McDill Avenue remains as in Stage 3A.

Stage 4A:
Move Business 51 traffic to the newly constructed outside lanes so the raised medians can be constructed. Construct the signal pork chop island at the intersection of CTH HH. Traffic on CTH HH remains similar to Stage 3B except that minor lane shifts are required to complete the center median islands closer to the intersection.

Stage 4B:
Traffic will be controlled as in Stage 4A except that Business 51 traffic is not limited by the previous stage construction of the signal median pork chop islands. Work continues on the center medians on both Business 51 and CTH HH.

Wisconsin Lane Closure System Advance Notification
Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.
stp-108-057 (20161130)

12. Utilities.

Replace the entire article language with the following:

This contract comes under the provision of Administrative Rule Trans 220.
107-065 (20080501)

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the prior work will be completed and the site will be available to the utility owner. Follow-up with a confirmation notice to the engineer and the utility owner not less than three working days before the site will be ready for the utility owner to begin its work.

Additional details about some of the facility work to take place during construction is described within the special provision language for each utility company.

AT&T, Charter Communications, WPSC Electric and WPSC Gas will be relocating facilities within the project limits during the dates and locations shown below, except for the relocation work associated with the AT&T duct or duct package:

May 15th, 2018 to July 15, 2018 from approximately STA 208+50 to STA 224+00 (Porter Drive).

June 15, 2018 to July 15, 2018 from approximately STA 224+00 to STA 238+00 (Cedar Street).

July 15, 2018 to September 7, 2018 from approximately STA 238+00 to STA 250+50 (Elm Street)

September 7, 2018 to October 26, 2018 from approximately STA 250+50 to STA 262+00 (CTH HH). The following items must be removed prior to any facility relocations in the following areas: the existing block retaining wall on the north side of McDill Avenue from STA 890+80 to STA 900+90 and the removal of the fence on the north side of McDill Avenue from STA 903+00 to 905+00.

AT&T will be relocating the duct or duct package within the project limits during the dates and locations shown below:

May 15th, 2018 to July 15, 2018 from approximately STA 208+50 to STA 224+00 (Porter Drive). In addition, AT&T will need until approximately July 21, 2018 to complete their work at the Business 51 / Porter Drive intersection. Prior to AT&T starting the relocation of the duct or duct package, complete the removal of the existing pavement from STA 217+50 to STA 224+00.

June 15, 2018 to August 11, 2018 from approximately STA 224+00 to STA 238+00 (Cedar Street). Prior to AT&T starting the relocation of the duct or duct package, complete the removal of the existing pavement from STA 224+00 to STA 238+00.

July 15, 2018 to September 7, 2018 from approximately STA 238+00 to STA 250+50 (Elm Street). Prior to AT&T starting the relocation of the duct or duct package, complete the removal of the existing pavement from STA 238+00 to STA 250+50.

The existing AT&T duct or duct package from STA 250+50 to STA 262+00, STA 250+82 to STA 96+60, STA 893+40 to STA 894+10, STA 897+00 to STA 899+00, and rebuilding of the manhole at STA 261+30 will occur in 2019. Prior to AT&T starting the relocation of the duct or duct package, complete the removal of the existing pavement from STA 253+40 to STA 254+00 LT, STA 256+38 to STA 256+98 RT, STA 258+50 to STA 260+68 RT, STA 250+82 to STA 96+60, STA 893+47 to STA 894+07 RT, and STA 897+17 to STA 899+00 LT. The relocation work will occur during the construction stages as follows:

STA 250+50 to STA 262+00	Stage 3A-A	Approximately 15 working days
STA 250+82 to STA 96+60	Stage 3A-A	Approximately 4 working days
STA 893+40 to STA 894+10	Stage 3A-A	Approximately 2 working days
STA 897+00 to STA 899+00	Stage 3A-B	Approximately 4 working days
STA 261+30 Manhole Rebuild	Stage 3A-B	Approximately 10 working days

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AT&T (Communications) has communication facilities within the project corridor that will be relocated during construction.

AT&T will require all manholes to remain open for access. Also, all manhole frame and cover/collars will need to be adjusted to meet final road grade. Unless otherwise stated, AT&T will need approximately 1 working day to adjust each frame and cover/collars to final grade.

Unless otherwise stated, AT&T will need approximately 1 working day to adjust each pedestal to final grade.

Notifications for AT&T to relocate their facilities concurrently with construction are based upon the scheduling of any removals or proposed grading in areas where AT&T plans on relocating their facilities.

Notification for AT&T to adjust pedestals or manholes are based upon the scheduling for the operations that bring the project to final grade.

Notification for AT&T's oversight of the proposed storm sewer from Inlet 9f to Inlet 9G are based upon the scheduling for the operations that would install this storm sewer.

The underground telephone cable crossing at approximately STA 211+00 will be replaced at an approximate depth of 7'.

The existing 900 and 1500 pair cables from approximately STA 796+67 to approximately STA 800+95 and from approximately STA 221+70 to approximately STA 222+46 will be discontinued.

The existing crossbox at STA 802+25, 34' LT will be moved to STA 802+25, 53' LT. Existing underground cables running from this crossbox will be moved to the back of the right of way. From this pedestal, a new underground 400 pair cable will be bored at a 5' depth to STA 802+39, 35.5' RT and then continuing to STA 802+20, 119' RT. A 300 pair cable will be placed from STA 802+29 to STA 804+23, 43' RT. From the proposed crossbox at STA 802+21, a 400 pair will be placed in existing easement to STA 22+82, 27' RT. From manhole at STA 222+46 a 900 pair cable will head west at an approximate depth of 8' to 221+70, 80' LT. From there, the 900 pair cable will head south following the back of the sidewalk. It will then head west along Tommy's Turnpike to a new pedestal at STA 796+05, 32' LT. From this pedestal, a new 900 pair cable will be bored to STA 796+05, 34' RT. From this pedestal, a new 900 pair cable will be installed (approximately 5' deep) 1' off of the existing right of way and terminate in an existing pedestal at STA 796+67, 36' RT.

The proposed pedestals at the following locations will need to be adjusted to final grade during construction: 796+05, 32' LT and 800+95, 42' LT.

The existing underground fiber from STA 222+46 to STA 796+10 will be discontinued.

A new underground fiber optic cable will be bored at an approximate depth of 8' out of the existing manhole at STA 222+46 to a new handhole at 222+46, 74' LT. From this handhole, the fiber will continue south along the back of sidewalk, join the 900 pair cable at 221+70, 80' LT, then run to a new handhole at STA 796+10, 32' LT.

In coordination with WPSC, all AT&T poles and aerial service wires from STA 224+92 LT to STA 252+50 LT will be removed.

A new underground cable will be bored from STA 223+92, 265' RT to STA 224+37, 45' RT, following the right of way line. The cable will continue north approximately 1.5' off of the proposed right of way line at an approximate depth of 5'. New pedestals will be placed along this new cable at STA 228+25, 45' RT, 229+42, 45' RT, 230+50, 45' RT, and 232+05, 45' RT.

A new underground cable will be placed joint with WPSC Electric from the pedestal at STA 228+25, 45' RT to a new pedestal at STA 228+25, 69' LT. From this pedestal, a new underground cable will run joint with WPSC Electric to STA 233+05 LT. New pedestals will be placed along this new cable at STA 229+60 LT, STA 230+95 LT, STA 231+95 LT, and 233+05 LT.

The proposed pedestals at the following locations will need to be adjusted to final grade during construction: 224+37, 45' RT, 228+25, 69' LT.

The existing underground cable at STA 235+24 will be discontinued in place.

A new underground cable will be placed across Post Rd at an approximate depth of 8’ from a new pedestal at 235+55, 69’ LT to the proposed right of way on the east side of the road. From there, the cable will head south, 1.5’ off of the right of way line, to STA 235+12, 45’ RT where it will intercept an existing cable and a new pedestal will be placed.

The proposed pedestal at the following location will need to be adjusted to final grade during construction: 235+12, 45’ RT.

The existing underground cable leaving the south wall of the existing manhole at STA 236+38 will be discontinued in place.

A new inner duct and fiber optic cable will be bored from the east wall of the discontinued manhole at STA 236+38 at an approximate depth of 8’ to the proposed right of way line. From there, it will head along the right of way line at an approximate depth of 5’ to STA 233+58, 45.5’ RT where a new handhole will be placed capturing the existing fiber.

The existing 50 pair underground cable leaving the north wall of the existing manhole at STA 236+38 and proceeding east to a pole at STA 85+75, 23’ RT will be discontinued in place, with the cabinet on the pole being removed.

The existing pedestals at STA 240+17, 5’ LT and STA 241+84, 6’ LT and all cables associated with these pedestals will be removed and/or discontinued.

A new pedestal will be placed at STA 241+22, 123’ RT and a new cable will be trenched west from this pedestal (approximate depth of 4’) to 3’ off of the right of way line north of Rose St. At STA 241+39, 44’ RT it will proceed north to STA 241+86 where it will be bored across Post Rd. at an approximate depth of 10’. The cable will continue west until it ties into the existing pedestal at the southwest corner of the building at 2715 Post Rd.

A new underground cable will be bored (approximate depth of 5’) from the proposed pedestal at STA 241+22, 123’ RT to STA 10+23, 33’ RT where it will turn east and terminate at an existing pedestal at STA 10+23, 43’ RT.

The existing pedestal at STA 250+16, 1’ RT will be removed. All cables associated with this pedestal will be discontinued, including the copper cable that enters the east wall of the manhole at STA 250+82.

A new pedestal will be placed at STA 96+36, 21’ RT. A 600 and 100 pair copper cable will be bored north out of this pedestal at an approximate depth of 6’ until it is 5’ off of the existing paved shoulder. Here both cables will turn and proceed west following 5’ off of the existing paved shoulder at an approximate depth of 12’. The 600 pair cable will turn slightly to enter the southeast wall of the existing manhole at STA 250+82 and the 100 pair cable will proceed west to the existing pedestal at STA 250+69, 56’ LT. This pedestal will be moved back to STA 250+69, 60’ LT. The existing cables running west out of this pedestal will remain in place.

A new underground cable will be placed joint with WPSC Electric running north from the pedestal at STA 250+69, 60’ LT along the right of way to STA 252+42, 69’ LT where a new pedestal will be placed. This pedestal will capture the existing cable feed from 2417 Post Rd.

The proposed pedestal at the following location will need to be adjusted to final grade during construction: 96+36, 21’ LT.

The existing duct package from STA 213+50 to STA 250+82 will be adjusted to avoid conflict with proposed construction.

Proposed storm sewer from Inlet 9F to Inlet 9G (STA 214+69, 29.5’RT to STA 214+74, 29.5’) are in close proximity to AT&T’s existing manhole and 9 duct package.

AT&T will shift duct as much as possible at STA 220+47 RT to avoid conflict with proposed 8’ storm sewer manhole.

The 1200 and 300 pair cables from the manhole at 222+46 RT to 223+66 RT will also be lowered to a minimum depth of 5’from the existing grade.

Two new 4” ducts will be bored from STA 250+82 LT to the East along Elm Street.

Proposed pedestals at the following locations will need to be adjusted to final grade during construction: STA 800+95, 42’ LT, 796+05, 32’ LT, 224+37, 45’ RT, 228+25, 69’ LT, 235+12, 45’ RT, and 96+36, 21’ LT.

The proposed handhole at STA 222+46, 74’ LT will need to be adjusted to final grade during construction. Each hand hole is anticipated to take one day to complete.

Give AT&T at least a five day notice prior to scheduling any removals or proposed grading in areas where AT&T plans on relocating their facilities concurrently with construction.

Charter Communications (Communications) has communications facilities throughout the project corridor. Charter Communications plans to relocate most above and underground facilities with WPSC Electric.

Existing overhead communication lines throughout the project will be removed.

The majority of Charter’s underground facilities will be joint with WPSC’s new underground electric facilities throughout the entire project corridor.

A new underground communication line will be placed by itself from STA 85+50 LT to STA 85+80 LT. From here, this communication line will turn and head south under E. Cedar Street to STA 85+80 RT.

Another underground communication line will be placed by itself from WPSC’s new power pole at STA 251+20, 90’ LT to STA 251+15, 60’ LT. From here, this communication line will turn and head north along the west side of Post Road to STA 256+15 LT.

The only new overhead communication lines will be the crossing at STA 251+15 with WPSC Electric.

Village of Plover (Sewer) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-84 and the special provisions under this contract.

Village of Plover (Water) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-84 and the special provisions under this contract.

Village of Whiting (Sewer) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-84 and the special provisions under this contract.

Village of Whiting (Water) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-84 and the special provisions under this contract.

WPSC (Electric) has electric facilities within the project corridor that will be relocated during construction. WPSC Electric, WPSC Gas, and Charter Communications plan to relocate most underground facilities together.

In order for WPSC to adjust and relocate their facilities near STA 20+72, a notification is required for WPSC and this notification is based upon beginning the construction operations in this area.

Existing overhead electric lines and power poles will be removed throughout the entire project corridor.

Existing underground electric lines will be discontinued in place throughout the entire project corridor.

The power poles at STA 212+55 RT and STA 20+70 LT will remain in place.

The power pole at STA 208+65 LT will be relocated a few feet north and will capture the existing overhead electric lines from the south.

New underground electric will be installed throughout the entire project corridor. New underground electric will run west from the relocated power pole near STA 208+70 LT to a new junction enclosure and transformer within 2' of the proposed right of way near STA 208+75 , 90' LT. New underground electric will run northeast from the junction enclosure and transformer to approximately STA 209+04, 65' LT. From here, an underground line will run east (crossing Post Road) to a new pedestal at STA 209+04, 50' RT.

Additional underground electric lines will run north from approximately STA 209+04, 65' LT within 1' of the proposed right of way line to STA 212+36 LT, where the lines will turn 90° and head east across Post Road to a new junction closure near STA 212+45, 50' RT.

From this junction closure, underground electric will run north within 1' of the proposed right of way line to a new junction closure and transformer at STA 213+40 RT. From this junction closure, underground electric will run north within 1' of the proposed right of way line at a new junction closure at STA 219+15 RT.

Additional underground electric line will run from the junction enclosure and transformer at STA 213+40 RT along the south side of Hickory Drive.

From the new junction closure at STA 219+15 RT, an underground electric line will run along the proposed right of way line south of Porter Drive. Near STA 802+25 RT, this line will turn and head north across Porter Drive to a new power pole near STA 802+25, 45' LT.

Additional electric lines will run north from the junction closure at STA 219+15 RT to STA 219+45 RT, where they turn 90° and head west across Post Road to STA 219+50 LT. From STA 219+50 LT, the electric lines follow within 1' of the proposed right of way line south of Tommy's Turnpike to STA 798+77 RT, where they turn 90° and head north across Tommy's Turnpike to a new fuse pad, transformer, and three phase switch in the vision corner in the northwest quadrant of the intersection.

At STA 798+77 RT, underground electric lines will continue west to a new power pole at STA 797+38 RT, which will capture the existing overhead lines from the west. New power poles will be installed at STA 796+67 RT, STA 796+67 LT, and STA 795+10 RT. The new power pole at STA 796+67 LT will capture the existing underground electric from the north. From this power pole, new overhead lines will run to the power pole at STA 796+67 RT, then continue south past the construction limits along the west side of Theater Drive.

The new underground electric lines in the northwest corner of the Tommy's Turnpike/Post Road intersection will continue north between the proposed sidewalk and proposed right of way line (west of Post Road) to the southwest corner of the W. Cedar/Post Road intersection (STA 221+25 LT to STA 237+06 LT). Along this run of electric lines the following will be placed:

New pedestal near STA 221+94 LT to capture the existing electric from the west.

New junction enclosure and transformer near STA 224+50 LT. From this new junction enclosure and transformer, an underground electric line will run south to STA 223+77 LT, then head east across Post Road past the construction limits.

New junction enclosure and transformer near STA 228+28 LT. From this new junction enclosure and transformer, an underground electric line will run east across Post Road until it is within 1' of the proposed right of way where it will head south to a new power pole at STA 227+60 RT.

New power poles near STA 229+63 LT and STA 231+00 LT to capture existing electric from the west.

At STA 230+60 LT, an underground electric line will run east across Post Road to a new power pole next to the proposed right of way at STA 230+60 RT. This new power pole will capture the existing electric from the east.

New transformer at STA 232+00 LT. An underground electric line will run east across Post Road near STA 232+10 and continue east past the construction limits.

New junction enclosure and transformer near STA 233+15 LT. From these, a new underground electric line will run east across Post Road and continue past the construction limits.

At STA 234+15 LT, an underground electric line will run east across Post Road and continue past the construction limits.

From STA 237+06 LT, underground electric lines will cross under W. Cedar Street to 84+15 LT, where a junction enclosure will be installed. An additional junction enclosure will be placed in the vision triangle in the northwest quadrant of the W. Cedar Street/Post Road intersection. An underground electric line will run east from this junction enclosure to approximately STA 237+75. From here, the electric line will head to a new power pole near STA 238+50, 69' RT. This power pole will capture existing overhead electric lines from the east and north.

Additional underground electric lines from the junction enclosure in the northwest quadrant of the W. Cedar Street/Post Road intersection will proceed north, underneath the proposed sidewalk west of Post Road, to approximately STA 243+55 LT. From here, the electric lines will cross under W. Willow Street to STA 244+15 LT, where they turn and head west to STA 89+05 LT, where two junction enclosures and a transformer will be placed within the vision triangle. An underground electric line will head east (crossing Post Road) from the transformer in the vision triangle to a new power pole near STA 244+20, 50' RT.

Additional underground electric lines from the junction enclosure at STA 89+05 LT will proceed north, underneath the proposed sidewalk west of Post Road, to STA 245+86 LT where the lines turn slightly and continue north within 1' of the proposed right of way west of Post Road to a new transformer at STA 248+55 LT. From this transformer, the electric lines will proceed north to 250+50 LT.

At STA 250+50 LT, additional underground electric lines will continue north to two new junction enclosures at STA 250+70 LT on the right of way line. From here, a new underground electric line will head west past the construction limits. Another underground electric line will proceed north to a new transformer within 1' of the proposed right of way at STA 252+40 LT.

Additional underground electric lines will turn 90° and head east across Post Road from STA 250+50 LT to approximately STA 250+50 RT. From here, the lines will head north across Elm Street to a new power pole at STA 95+48 LT. From this power pole, electric lines will head east (along the north side of Elm Street) past the construction limits with new power poles at STA 95+85 LT and STA 96+30 LT. A new power pole will also be installed at STA 96+30 RT with a new overhead electric line running from this pole to the power pole at STA 96+30 LT and continuing north. An additional underground electric line will head north (underneath the proposed sidewalk) from the new power pole at STA 95+48 past Elm Street.

The existing power pole at STA 20+72, 30' LT will remain in place. New power poles will be installed near STA 20+72, 30' RT and STA 20+72, 180' LT (outside of the proposed infiltration basin). A new overhead electric line will be installed between the power poles at STA 20+72, 30' RT and STA 20+72, 30' LT. A new underground electric line will be installed between the power poles at STA 20+72, 30' LT and 20+72, 180' LT.

WPSC (Gas) has underground gas mains within the project corridor that will be relocated. WPSC Electric and WPSC Gas plan to relocate most underground facilities together.

Any existing gas mains south of approximately STA 212+70 LT along Post Road will remain in place.

The gas main along Hickory Drive will remain in place starting near STA 80+75 LT and heading east past the construction limits.

The gas main along Theater Drive will remain in place starting near STA 59+50 RT and heading south past the construction limits.

Most of the existing gas mains will be discontinued in place starting at approximately STA 212+70 LT and continuing past the project limits at STA 252+50 LT.

WPSC will be installing a new 4'' plastic gas main that will begin near STA 212+70 LT. The new gas main will run to near STA 213+05 60' LT, then head north underneath the proposed sidewalk along the west side of Post Rd to near 219+95 LT where it will turn and head west along the south side of Tommy's Turnpike next to the proposed curb and gutter along the parking lot. Near STA 798+80 RT, the new 4" gas main turns and heads north crossing Tommy's Turnpike.

The new 4" main crossing Tommy's Turnpike turns slightly once it reaches the proposed sidewalk near STA 798+80, 45' LT. From here the gas main continues north underneath the proposed sidewalk along the west side of Post Road. Near STA 250+50 LT, the 4" main turns 90° and heads east across Post Road until it reaches the proposed sidewalk (near STA 250+50, 40' RT) where it turns 90° again and heads north underneath the proposed sidewalk along the east side of Post Road past Elm Street.

A new 2" gas main tees off of the 4" main at STA 798+80 and heads west along the south side of Tommy's Turnpike next to the proposed curb and gutter along the parking lot to near STA 797+25, 47' RT where it crosses Theater Drive to STA 796+60, 30' RT where it continues west approximately 5' north of the right of way line.

Multiple 2" plastic gas mains will tee off of the new 4" gas main between STA 221+00 to STA 252+50 as noted below (all locations are approximate):

STA 222+25 LT – 2" gas main heads west past the construction limits.
STA 223+60 LT – 2" gas main heads east (crossing Post Road) past the construction limits.
STA 237+05 LT – 2" gas main heads west along the south side of W. Cedar Street and continues past the construction limits. This new gas main is 3'-5' south of the existing gas main.
STA 243+45 LT – 2" gas main heads west along the south side of W. Willow Street. This new gas main is approximately 10' south of the existing gas main.
STA 251+05 RT – 2" gas main heads east along the north side of Elm Street within 5' of the right of way line.

Project 6414-00-81

AT&T (Communications) has communication facilities within the project corridor that will be relocated during construction.

AT&T will require all manholes to remain open for access. Also, all manhole frame and cover/collars will need to be adjusted to meet final road grade. Unless otherwise stated, AT&T will need approximately 1 working day to adjust each frame and cover/collars to final grade.

Unless otherwise stated, AT&T will need approximately 1 working day to adjust each pedestal to final grade.

Notifications for AT&T to relocate their facilities concurrently with construction are based upon the scheduling of any removals or proposed grading in areas where AT&T plans on relocating their facilities.

In order for AT&T to start the relocation of their facilities from STA 901+15 'WB' to STA 905+96 'WB", a notification is required for AT&T and this notification is based upon the completion of the removal of the retaining wall and fencing along the existing right of way line on the north side of McDill Ave.

Notification for AT&T to adjust pedestals or manholes are based upon the scheduling for the operations that bring the project to final grade.

All AT&T poles and aerial service wires from STA 252+50 LT to STA 259+00 LT will be removed.

Existing pedestals at approximately STA 252+42, 53' LT, 253+83, 52' LT, and 254+88, 57' LT will be removed.

From the new pedestal placed at 252+42, 69' LT, a new cable will continue north 1.5' off of the right of way line at an approximate depth of 6' to STA 253+88, 53' LT, where a new pedestal will be placed to capture the existing service for 2405 and 2323 Post Rd. From this new pedestal, a new cable will continue north 1.5' off of the right of way line to a new pedestal at 254+86, 72' LT. A new cable will cross Post Rd., joint with WPSC Electric, from approximately STA 254+86, 72' LT to STA 254+81, 47' RT where a new pedestal will be placed. From this pedestal, a new cable will be placed, joint with WPSC Electric, to a new pedestal at STA 256+33, 44' RT.

The proposed pedestal at the following location will need to be adjusted to final grade during construction: 256+33, 44' RT.

The existing 1500 pair underground copper cable from the existing manhole at STA 261+26 to STA 260+83.5, 128' RT will be discontinued.

A new cable and duct that will run at an approximate depth of 7' from the existing manhole at STA 261+26 to STA 900+18'WB', 59' LT. The new cable will continue north between the proposed sidewalk and right of way at an approximate depth of 5' to STA 900+40'WB', 53' LT. The new cable will continue to STA 901+15'WB', 53' LT (still at an approximate depth of 5') where it will turn to the north and continue beyond the right of way until it reaches STA 901+15'WB', 88' LT where it will capture the existing cable and a new pedestal will be placed.

The existing crossing at STA 903+03 will be discontinued and the pedestals at STA 903+03 WB, 13' LT and 905+03 WB, 26' LT will be removed.

A new cable will be installed at an approximate depth of 5' from the proposed pedestal at STA 901+15'WB', 88' LT to STA 901+16'WB', 53' LT. From here the new cable will continue east 1.5' off of the right of way line along McDill Ave then terminate in an existing pedestal at STA 905+96'WB', 53' LT. Along this proposed cable run, new pedestals will be placed at STA 903+03'WB', 45' LT and STA 905+03, 42' LT. A new cable will be bored across McDill Ave near STA 903+16 at an approximate depth of 4' from STA 903+03 WB, 45' LT to an existing pedestal at STA 903+32 EB, 65' RT.

The proposed pedestal at the following location will need to be adjusted to final grade during construction: 903+03 WB, 45' LT.

The 6 duct package at STA 253+27 LT will be shifted east to avoid conflict with the proposed street light.

The 12 duct package at STA 260+67 RT will be shifted west to avoid conflict with the proposed traffic signal base.

AT&T's 6 duct package will be adjusted from the existing manhole at STA 250+82 to STA 258+28 and from STA 260+00 to STA 260+50. The 6 duct package from STA 893+50 to STA 894+00 and STA 898+25 to STA 898+75 will be lowered. The existing manhole at STA 258+28 will be rebuilt during construction in 2018. The existing manhole at STA 261+30 will be rebuilt during construction in 2019.

The existing manhole's collar at STA 892+40'WB' will need to be corbelled during construction. AT&T will need approximately one day to complete this work.

All lids and collars on AT&T's manholes will be adjusted and/or replaced during construction. Each manhole is anticipated to take one day to complete.

Charter Communications (Communications) has communications facilities throughout the project corridor that will be relocated during construction and concurrently with WPSC Electric.

Existing overhead communication lines throughout the project will be removed.

The majority of Charter's underground facilities will be joint with WPSC's new underground electric facilities throughout the project corridor. A new underground communication line will be placed by itself from WPSC's new power pole at STA 251+20, 90' LT to STA 251+15, 60' LT. From here, this communication line will turn and head north along the west side of Post Road to STA 256+15 LT.

Village of Whiting (Sewer) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-85 and the special provisions under this contract.

Village of Whiting (Water) has facilities that will be adjusted by the contractor according to the plans under Project 6414-00-85 and the special provisions under this contract.

WPSC (Electric) has electric facilities within the project corridor that will be relocated during construction.

In order for WPSC to confirm which one of the conductors will still be energized from STA 906+00 LT to STA 906+00 LT, a notification is required for WPSC and this notification is based upon beginning the construction operations in this area.

Existing overhead electric lines and power poles will be removed throughout the project corridor from STA 252+50 to STA 265+00 and from STA 900+00'WB' to STA 907+00'WB'.

All street lights from STA 263+25 to STA 282+00 will be removed.

Existing underground electric lines will be discontinued in place from STA 900+00'WB' to STA 907+00'WB' and from STA 263+25 to STA 282+00.

The new underground electric line heading north from the new power pole at approximately STA 251+00 continues along the proposed right of way line on the east side of Post Road to STA 253+40 RT. From here, an underground electric line will run west under Post Road to a transformer. Another underground electric line continues north from STA 253+40 RT to STA 254+80 RT, where a new junction enclosure and power pole will be placed. An underground electric line will be installed under Post Road from this junction enclosure to a new pedestal at STA 254+88 LT. From this pedestal, an underground electric line will run north to a new power pole at STA 256+20 LT.

An underground electric line will continue north within 1' of the proposed right of way line east of Post Road from the new junction enclosure at STA 254+80 RT to STA 256+30 RT, where a power pole will be installed. This electric line will continue north to STA 258+80 RT, where a new power pole, transformer, and junction enclosure will be placed. The electric line will proceed north to STA 901+19'EB' RT, where it will go two ways.

One line will turn and head east along the proposed right of way line south of McDill Ave to STA 903+38'EB' RT where a new junction enclosure will be installed to capture the existing electric line from the south. The new electric line will continue east within 1' of the right of way line to STA 906+00'EB' RT, where the line will turn and head south for approximately 20', then turn and head across Locust Street. From here, the new line will head south and tie into an existing line. The existing underground electric line crossing McDill Ave at STA 906+50 and heading east past the construction limits on the north side of McDill will remain in place. The

existing power pole at STA 905+90'WB' LT will remain in place. The underground electric line running east from this power pole and crossing Locust Street will remain in place.

The second line is a new underground electric line, which starts at STA 901+19'EB' RT, and will continue north (crossing McDill Ave) to STA 901+10'WB' LT. From here, the electric line will proceed east within 1' of the proposed right of way to STA 902+00'WB' LT where a new power pole will be placed.

The existing electric lines under McDill will be discontinued in place to STA 906+00. From STA 906+00 LT, one of the two underground conductors extending east to STA 906+45 LT will be discontinued. This means one of the conductors will still be energized, which will be confirmed by WPSC.

WPSC (Gas) has underground gas mains within the project corridor that will be relocated during construction. WPSC Electric and WPSC Gas plan to relocate most underground facilities together.

The existing gas mains from STA 252+50 LT to 260+00 LT & RT will be discontinued in place. The two existing gas mains running along the south side of CTH HH will remain in place from approximately STA 890+40 to approximately STA 899+50. The two existing gas mains running east crossing Post Road and continuing along the south side of McDill Ave will be discontinued in place from approximately STA 899+50 to the end of construction at STA 907+39. The five existing gas mains teeing off of the existing gas main south of McDill Ave will also be discontinued in place.

The new 4" plastic gas main running north underneath the proposed sidewalk south of Elm Street continues north until STA 257+50 RT, where it turns slightly and follows within 5' of the proposed right of way line until it connects with the new 4" plastic gas main that runs along the south side of McDill Ave.

New 4" plastic and 8" steel gas mains (one of each) will be installed next to each other beginning at approximately STA 899+50 and continuing east along the proposed right of way line south of McDill Ave. The new 4" plastic gas main will tie into existing near STA 906+50'EB', 30' RT. The new 8" steel gas main will tie into existing past the end of construction near 907+40 RT.

Project 6414-00-84

All utilities within the construction limits of this project were coordinated under Project 6414-00-80. There are no other known utility conflicts within the construction limits.

Project 6414-00-85

All utilities within the construction limits of this project were coordinated under Project 6414-00-81. There are no other known utility conflicts within the construction limits.

22. DELETED.

65. Grit Chamber, Type C, Item SPV.0060.40.

Add the following at the end of the section titled **B Materials***:*

Furnish Type C manhole castings on riser sections.

Add the following in parentheses to the list within the ***E Payment*** *items:*

"…cast iron control TEE, riser sections, (Type C manhole castings), .."

91. Infiltration Basin Soil Mix, Item SPV.0180.02.

Add the following at the end of the section titled **E Payment***:*

"including testing for conformance to S100 compost and Section 625.2 requirements."

92. Fish Habitat Structure Trees, Item SPV.0060.51.

A Description
This special provision describes cutting select non-hemlock deciduous trees, trimming, placing, and anchoring the trees in the water. The location of the Fish Habitat Structure Trees along the northeast side of the causeway will be determined by the engineer.

B Materials
Utilize three existing 8-inch minimum trunk diameter deciduous type trees per Fish Habitat Structure location with limbs, located along shoreline, within the project limits, or as determined by the project engineer.

Furnish three drive in or screw type galvanized earth anchors, suitable as a mooring anchor, per tree. Provide earth anchors with a minimum capacity of 3,000 pounds per anchor. Furnish all stainless steel hardware, except that earth anchor may be hot dip galvanized. Furnish minimum 3/8-inch diameter stainless steel cable.

C Construction
Cut, trim, and position the trees along the shoreline at the approximate locations as determined by DNR Fisheries Biologist Tim Parks. Contact Tim Parks at 715-359-7582 at least 14 days prior to placement of the trees to coordinate the exact placement. Remove any limbs from the lower 10 feet of the tree and secure the trees to the lake shoreline and to the lake bottom as shown in the plan details, or as directed by the engineer. If the trees are cut when there is still ice on the lake, anchor the base of the tree to the shoreline by placing a chain or cable around the base of the cut tree and around the tree stump. Place another anchor through the ice into the water body bottom, a distance of 2/3rds of the length of the tree waterward to keep the tree from shifting until the ice melts and the tree can be anchored in its final location as described below.

Place two earth anchors into the water body bottom, a distance of 2/3rds of the length of the tree waterward. Place one earth anchor on each side of the tree, offset approximately 2 feet horizontally from the trunk. Wrap the 3/8-inch stainless steel cable a minimum of two full wraps around the trunk of the tree with no splices in the cable. Furnish a minimum of two stainless steel cable clamps at each cable connection.

Place another earth anchor into the shoreline fill approximately 2-3 feet from the base of the tree.

Avoid tree limb breakage when handling the trees. Remove any broken limbs or branches and dispose of offsite.

D Measurement
The department will measure Fish Habitat Structure Trees as each individual group of three trees acceptably completed.

E Payment
The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.51	Fish Habitat Structure Trees	Each

Payment is full compensation for cutting, trimming, moving, placing, and anchoring whole trees with limbs along the shoreline; and for providing and installing earth anchors, stainless steel cable, cable clamps and all hardware as necessary.

93. Removing Old Structure Over Waterway With Minimal Debris Station 263+49, Item 203.0600.S.01.

Conform to standard spec 203 as modified in this special provision.

Add the following to standard spec 203:

203.3.6 Removals Over Waterways and Wetlands
203.3.6.2 Removing Old Structure Over Waterway with Minimal Debris

(1) Remove the existing structure B-49-67 over the Plover River / McDill Pond in large sections and conforming to the contractor's approved structure removal and clean-up plan. During superstructure removal, prevent all large pieces and minimize the number of small pieces from entering the waterway or wetland. Remove all reinforcing steel, all concrete, and all other debris that falls into the waterway or wetland. The contractor may leave limited amounts of small concrete pieces scattered over the waterway floor or wetland only if the engineer allows.

(2) Submit a structure removal and clean-up plan as part of the erosion control implementation plan required under standard spec 107.20. Do not start work under the structure removal and clean-up plan without the department's written approval of the plan. Include the following information in the structure removal and clean-up plan:

- Methods and schedule to remove the structure.
- Methods to control potentially harmful environmental impacts.
- Methods for superstructure removal that prevent all large pieces and minimize the number of small pieces from entering the waterway or wetlands.
- Methods to control dust and contain slurry.
- Methods for removing piers and abutments. If blasting in water, include restrictions that regulatory agencies and the contract require.
- Methods for cleaning the waterway or wetlands.

(3) If stockpiling spoil material, place it on an upland site an adequate distance from the waterway, wetland, or any open water created by excavation. Install silt fence between the spoil pile and the waterway, wetland, or excavation site.

Add the following Removing Old Structure bid item to standard spec 203.5.1:

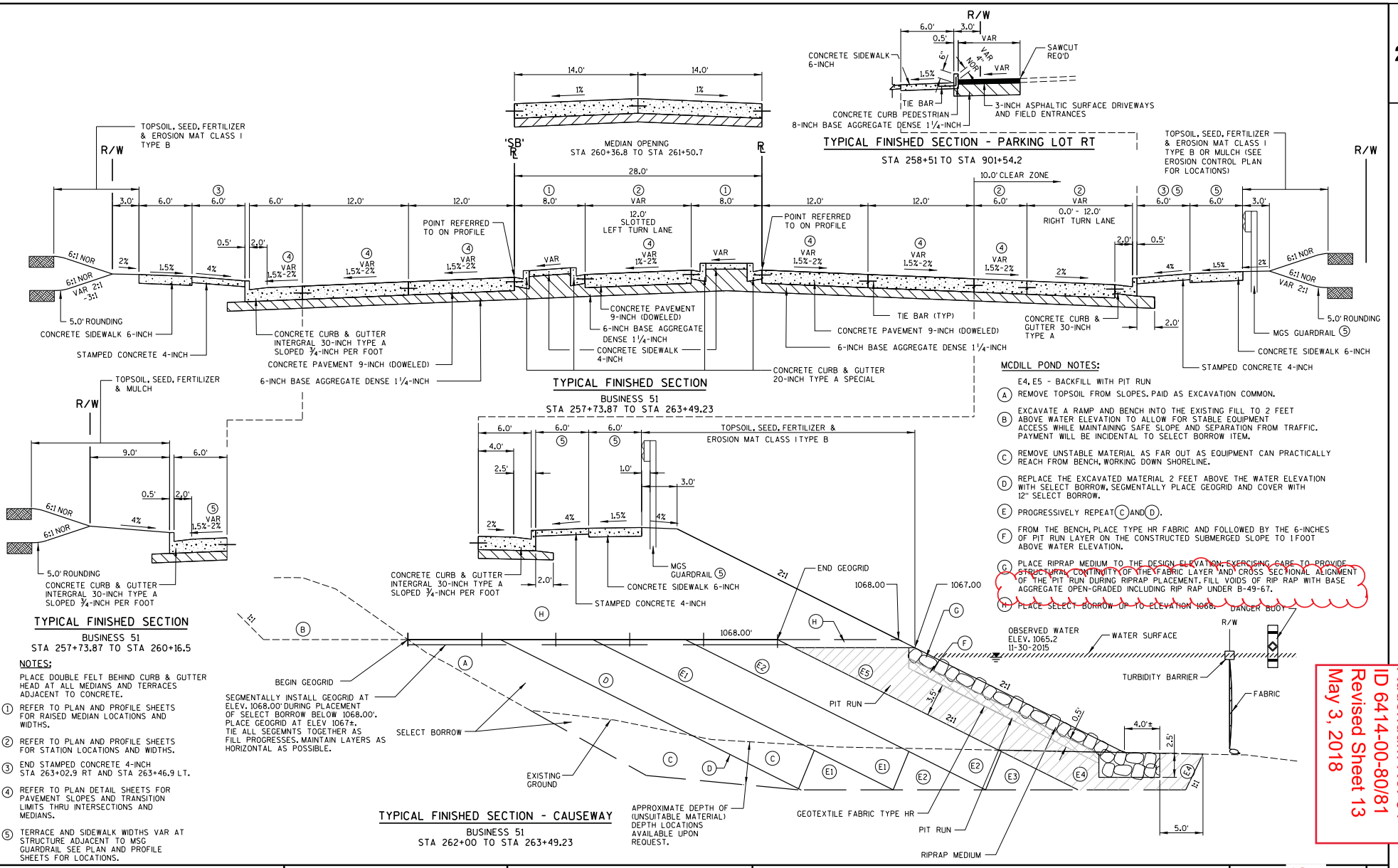
ITEM NUMBER	DESCRIPTION	UNIT
203.0600.S	Removing Old Structure Over Waterway With Minimal Debris Station 263+49	LS

stp-203-020 (20170615)

Schedule of Items
Attached, dated May 3, 2018, are the revised Schedule of Items Pages 1 – 25.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 13, 14, 15, 33, 94, 226, 227, 228, 270, 272, 277, 278, 279, 280, 281, 282, 288, 289, 296, 297, 298, 301, 303, 310, 496, 497, 511, 513, 514, 515, 531, 532 and 542
Added: 33A, 134A – 134M, 174A – 174CI, 270A, and 270B
Deleted: 135-144, 175-249, and 276

END OF ADDENDUM



TYPICAL FINISHED SECTION

BUSINESS 51
STA 257+73.87 TO STA 260+16.5

NOTES:

PLACE DOUBLE FELT BEHIND CURB & GUTTER HEAD AT ALL MEDIANS AND TERRACES ADJACENT TO CONCRETE.

① REFER TO PLAN AND PROFILE SHEETS FOR RAISED MEDIAN LOCATIONS AND WIDTHS.

② REFER TO PLAN AND PROFILE SHEETS FOR STATION LOCATIONS AND WIDTHS.

③ END STAMPED CONCRETE 4-INCH STA 263+02.9 RT AND STA 263+46.9 LT.

④ REFER TO PLAN DETAIL SHEETS FOR PAVEMENT SLOPES AND TRANSITION LIMITS THRU INTERSECTIONS AND MEDIANS.

⑤ TERRACE AND SIDEWALK WIDTHS VAR AT STRUCTURE ADJACENT TO MSG GUARDRAIL SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.

MCDILL POND NOTES:

E4, E5 - BACKFILL WITH PIT RUN

(A) REMOVE TOPSOIL FROM SLOPES. PAID AS EXCAVATION COMMON.

(B) EXCAVATE A RAMP AND BENCH INTO THE EXISTING FILL TO 2 FEET ABOVE WATER ELEVATION TO ALLOW FOR STABLE EQUIPMENT ACCESS WHILE MAINTAINING SAFE SLOPE AND SEPARATION FROM TRAFFIC. PAYMENT WILL BE INCIDENTAL TO SELECT BORROW ITEM.

(C) REMOVE UNSTABLE MATERIAL AS FAR OUT AS EQUIPMENT CAN PRACTICALLY REACH FROM BENCH, WORKING DOWN SHORELINE.

(D) REPLACE THE EXCAVATED MATERIAL 2 FEET ABOVE THE WATER ELEVATION WITH SELECT BORROW, SEGMENTALLY PLACE GEOGRID AND COVER WITH 12" SELECT BORROW.

(E) PROGRESSIVELY REPEAT (C) AND (D).

(F) FROM THE BENCH, PLACE TYPE HR FABRIC AND FOLLOWED BY THE 6-INCHES OF PIT RUN LAYER ON THE CONSTRUCTED SUBMERGED SLOPE TO 1 FOOT ABOVE WATER ELEVATION.

(G) PLACE RIPRAP MEDIUM TO THE DESIGN ELEVATION, EXERCISING CARE TO PROVIDE STRUCTURAL CONTINUITY OF THE FABRIC LAYER AND CROSS SECTIONAL ALIGNMENT OF THE PIT RUN DURING RIPRAP PLACEMENT. FILL VOIDS OF RIP RAP WITH BASE AGGREGATE OPEN-GRADED INCLUDING RIP RAP UNDER B-49-67.

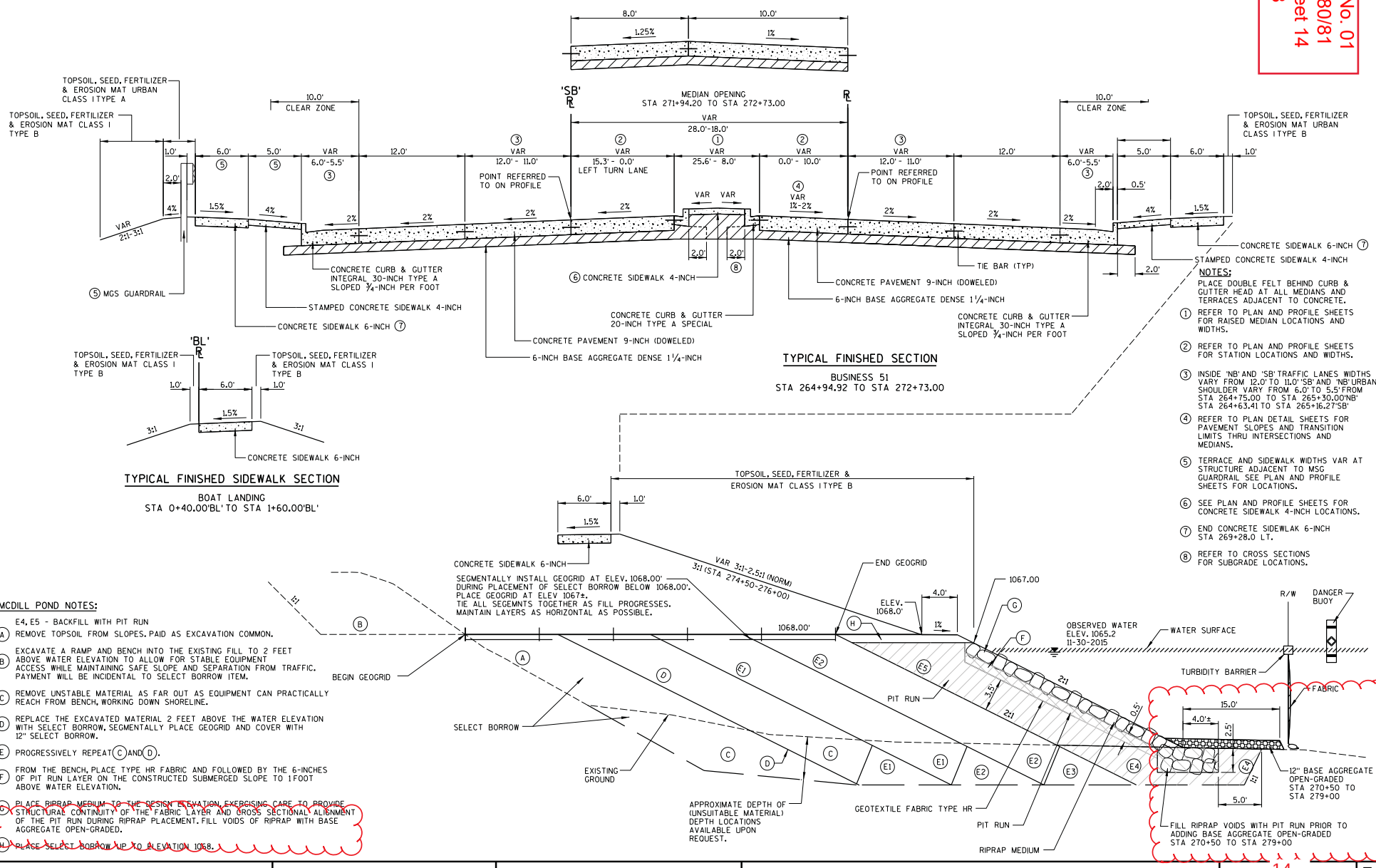
(H) PLACE SELECT BORROW UP TO ELEVATION 1068.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 13
May 3, 2018

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 13	E

FILE NAME : P:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\020310 ts.dgn PLOT TIME : 4:54:30 PM PLOT DATE : 4/25/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 14
May 3, 2018



TYPICAL FINISHED SECTION

BUSINESS 51
STA 264+94.92 TO STA 272+73.00

TYPICAL FINISHED SIDEWALK SECTION

BOAT LANDING
STA 0+40.00'BL' TO STA 1+60.00'BL'

MCDILL POND NOTES:

E4, E5 - BACKFILL WITH PIT RUN

(A) REMOVE TOPSOIL FROM SLOPES. PAID AS EXCAVATION COMMON.

(B) EXCAVATE A RAMP AND BENCH INTO THE EXISTING FILL TO 2 FEET ABOVE WATER ELEVATION TO ALLOW FOR STABLE EQUIPMENT ACCESS WHILE MAINTAINING SAFE SLOPE AND SEPARATION FROM TRAFFIC. PAYMENT WILL BE INCIDENTAL TO SELECT BORROW ITEM.

(C) REMOVE UNSTABLE MATERIAL AS FAR OUT AS EQUIPMENT CAN PRACTICALLY REACH FROM BENCH, WORKING DOWN SHORELINE.

(D) REPLACE THE EXCAVATED MATERIAL 2 FEET ABOVE THE WATER ELEVATION WITH SELECT BORROW. SEGMENTALLY PLACE GEOGRID AND COVER WITH 12" SELECT BORROW.

(E) PROGRESSIVELY REPEAT (C) AND (D).

(F) FROM THE BENCH, PLACE TYPE HR FABRIC AND FOLLOWED BY THE 6-INCHES OF PIT RUN LAYER ON THE CONSTRUCTED SUBMERGED SLOPE TO 1 FOOT ABOVE WATER ELEVATION.

(G) PLACE RIPRAP MEDIUM TO THE DESIGN ELEVATION, EXERCISING CARE TO PROVIDE STRUCTURAL CONTINUITY OF THE FABRIC LAYER AND CROSS SECTIONAL ALIGNMENT OF THE PIT RUN DURING RIPRAP PLACEMENT. FILL VOIDS OF RIPRAP WITH BASE AGGREGATE OPEN-GRADED.

(H) PLACE SELECT BORROW UP TO ELEVATION 1068.

NOTES:

PLACE DOUBLE FELT BEHIND CURB & GUTTER HEAD AT ALL MEDIANS AND TERRACES ADJACENT TO CONCRETE.

① REFER TO PLAN AND PROFILE SHEETS FOR RAISED MEDIAN LOCATIONS AND WIDTHS.

② REFER TO PLAN AND PROFILE SHEETS FOR STATION LOCATIONS AND WIDTHS.

③ INSIDE 'NB' AND 'SB' TRAFFIC LANES WIDTHS VARY FROM 12.0' TO 11.0' 'SB' AND 'NB' URBAN SHOULDER VARY FROM 6.0' TO 5.5' FROM STA 264+75.00 TO STA 265+30.00'NB' STA 264+63.41 TO STA 265+16.27'SB'

④ REFER TO PLAN DETAIL SHEETS FOR PAVEMENT SLOPES AND TRANSITION LIMITS THRU INTERSECTIONS AND MEDIANS.

⑤ TERRACE AND SIDEWALK WIDTHS VAR AT STRUCTURE ADJACENT TO MSG GUARDRAIL SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.

⑥ SEE PLAN AND PROFILE SHEETS FOR CONCRETE SIDEWALK 4-INCH LOCATIONS.

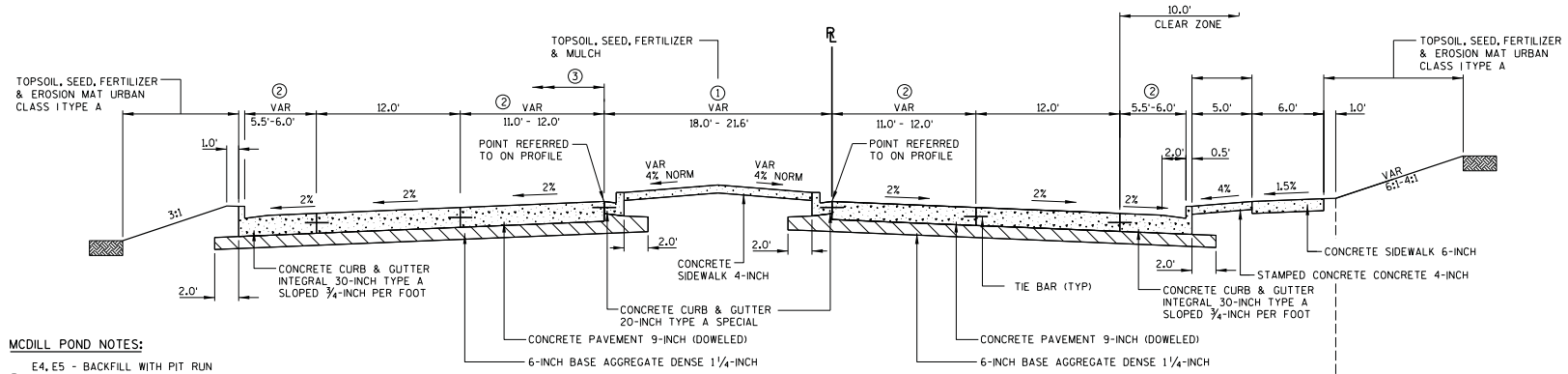
⑦ END CONCRETE SIDEWLAK 6-INCH STA 269+28.0 LT.

⑧ REFER TO CROSS SECTIONS FOR SUBGRADE LOCATIONS.

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 14	E

FILE NAME : P:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\020311 ts.dgn PLOT TIME : 7:44:49 AM PLOT DATE : 4/25/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION

BUSINESS 51
STA 272+73.00 TO STA 278+84.75 LT
STA 272+73.00 TO STA 281+01.00 RT

MCDILL POND NOTES:

E4, E5 - BACKFILL WITH PIT RUN

(A) REMOVE TOPSOIL FROM SLOPES. PAID AS EXCAVATION COMMON.

(B) EXCAVATE A RAMP AND BENCH INTO THE EXISTING FILL TO 2 FEET ABOVE WATER ELEVATION TO ALLOW FOR STABLE EQUIPMENT ACCESS WHILE MAINTAINING SAFE SLOPE AND SEPARATION FROM TRAFFIC. PAYMENT WILL BE INCIDENTAL TO SELECT BORROW ITEM.

(C) REMOVE UNSTABLE MATERIAL AS FAR OUT AS EQUIPMENT CAN PRACTICALLY REACH FROM BENCH, WORKING DOWN SHORELINE.

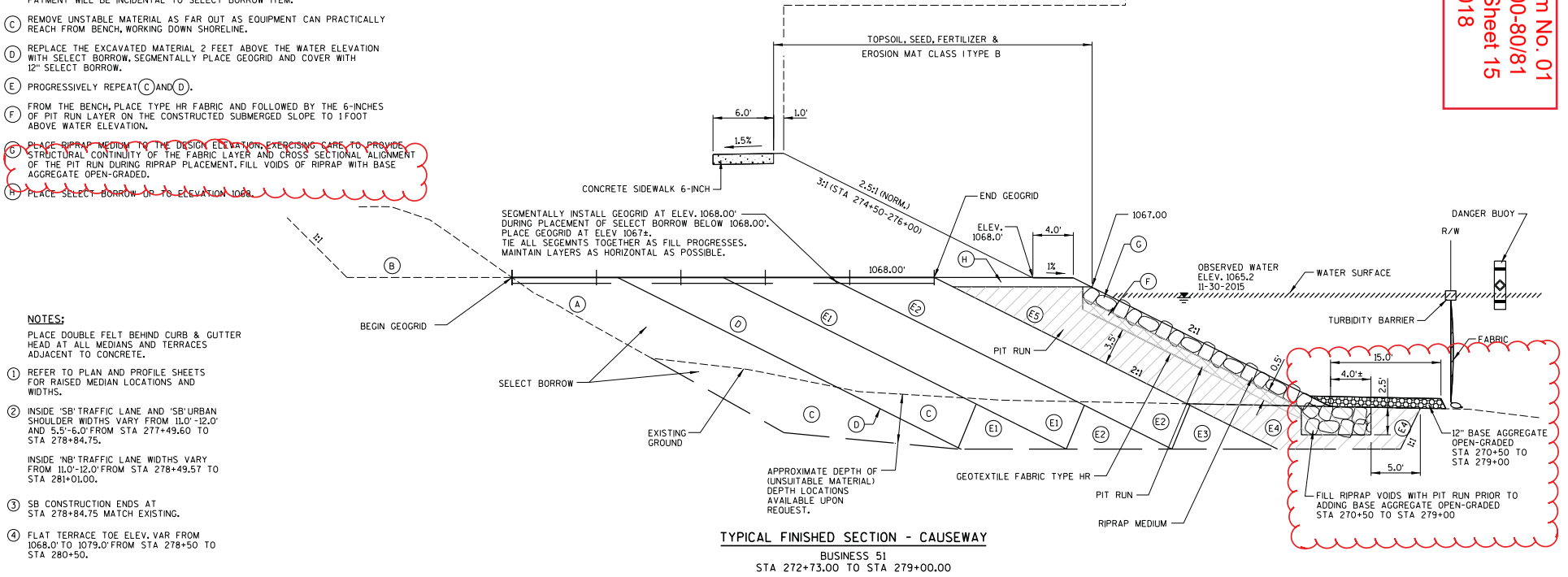
(D) REPLACE THE EXCAVATED MATERIAL 2 FEET ABOVE THE WATER ELEVATION WITH SELECT BORROW, SEGMENTALLY PLACE GEOGRID AND COVER WITH 12" SELECT BORROW.

(E) PROGRESSIVELY REPEAT (C) AND (D).

(F) FROM THE BENCH, PLACE TYPE HR FABRIC AND FOLLOWED BY THE 6-INCHES OF PIT RUN LAYER ON THE CONSTRUCTED SUBMERGED SLOPE TO 1 FOOT ABOVE WATER ELEVATION.

(G) PLACE RIPRAP MEDIUM TO THE DESIGN ELEVATION, EXERCISING CARE, TO PROVIDE STRUCTURAL CONTINUITY OF THE FABRIC LAYER AND CROSS SECTIONAL ALIGNMENT OF THE PIT RUN DURING RIPRAP PLACEMENT. FILL VOIDS OF RIPRAP WITH BASE AGGREGATE OPEN-GRADED.

(H) PLACE SELECT BORROW UP TO ELEVATION 1068.



NOTES:

PLACE DOUBLE FELT BEHIND CURB & GUTTER HEAD AT ALL MEDIANS AND TERRACES ADJACENT TO CONCRETE.

(1) REFER TO PLAN AND PROFILE SHEETS FOR RAISED MEDIAN LOCATIONS AND WIDTHS.

(2) INSIDE 'SB' TRAFFIC LANE AND 'SB' URBAN SHOULDER WIDTHS VARY FROM 11.0'-12.0' AND 5.5'-6.0' FROM STA 277+49.60 TO STA 278+84.75.

INSIDE 'NB' TRAFFIC LANE WIDTHS VARY FROM 11.0'-12.0' FROM STA 278+49.57 TO STA 281+01.00.

(3) SB CONSTRUCTION ENDS AT STA 278+84.75 MATCH EXISTING.

(4) FLAT TERRACE TOE ELEV. VAR FROM 1068.0' TO 1079.0' FROM STA 278+50 TO STA 280+50.

TYPICAL FINISHED SECTION - CAUSEWAY

BUSINESS 51
STA 272+73.00 TO STA 279+00.00

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 15
May 3, 2018

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 15	E

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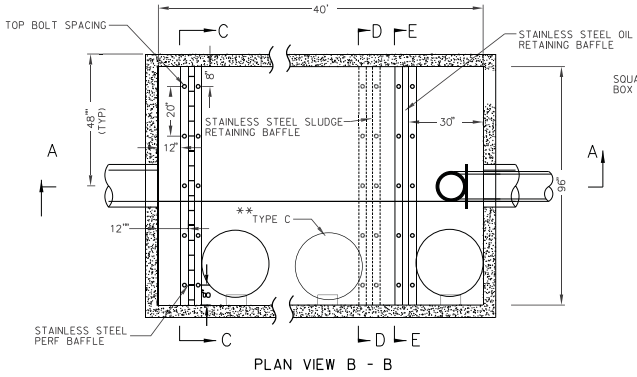
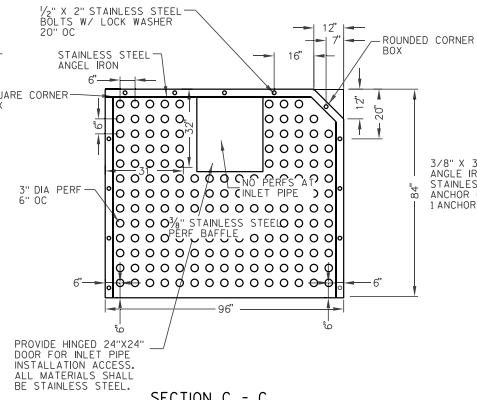
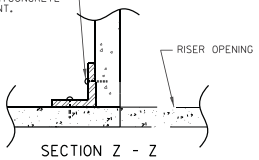
WISDOT/CADDS SHEET 42



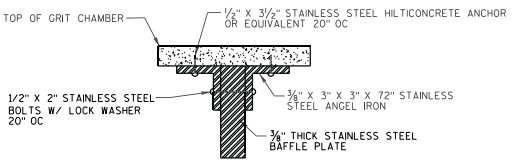
PLAN VIEW B - B



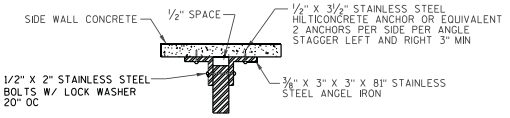
SECTION C - C



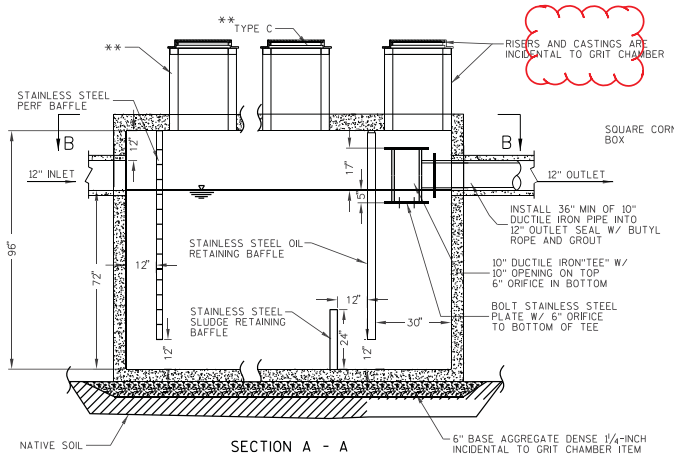
SECTION Z - Z



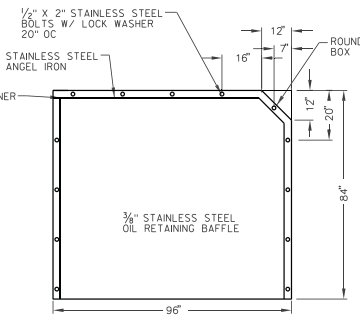
GRIT CHAMBER TOP BOLTING DETAIL



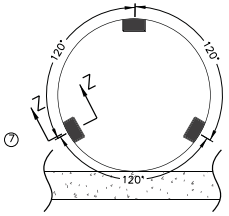
GRIT CHAMBER SIDE BOLTING DETAIL



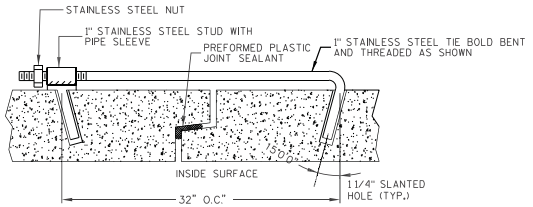
SECTION A - A



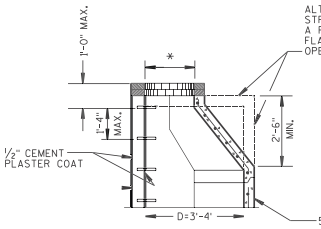
SECTION E - E



RISER CLIP DETAIL



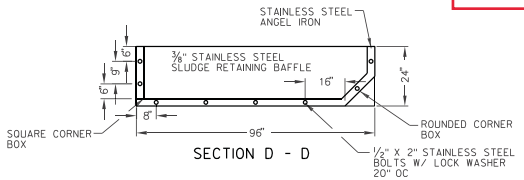
CONCEALED HOLE DESIGN JOINT TIE



ALTERNATE DESIGN: STRAIGHT RISER SECTION AND A PRECAST REINFORCED CONCRETE FLAT SLAB TOP WITH ECCENTRIC OPENING

** TYPE "C" 40'-0" MANHOLE SPACING (4) LOCATE FROM INSIDE INLET END OF GRIT CHAMBER TO CENTER OF MANHOLE: 8.5', 23.5' AND 38.5'.

** RISER AT OUTLET END OF GRIT CHAMBER SHALL HAVE A DIAMETER OF 3.0', ALL OTHER RISERS OF GRIT CHAMBER SHALL HAVE DIAMETERS OF 4.0'.



SECTION D - D

TYPE C GRIT CHAMBERS

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 33
May 3, 2018

NOTES:

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.

STEPS SHALL BE INSTALLED IN THE STRUCTURE WITH THE FOLLOWING REQUIREMENTS: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF 1/2-INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

LOCATE RISERS TO PROVIDE AREA ON TOP OF GRIT CHAMBER TO SET RISER AND TO ALIGN RISER STEPS WITH GRIT CHAMBER STEPS.

* USE 2'-0" DIAMETER OPENING WITH TYPE "C", "L" AND "J" COVERS, OR 3'-0" DIAMETER WITH TYPE "K" AND "M" COVERS.

① CORE-DRILL OR SAW-CUT ALL OPENINGS FOR SMOOTH SURFACES AND SHARP LINES.

② SUBMIT SHOP DRAWING TO ENGINEER FOR REVIEW.

③ ALL JOINT SECTIONS SHALL BE GASKETED.

④ ALL JOINT SECTIONS SHALL BE TIED W/ TWO-CONCEALED HOLE TIES EVENLY SPACED ON VERTICAL WALLS.

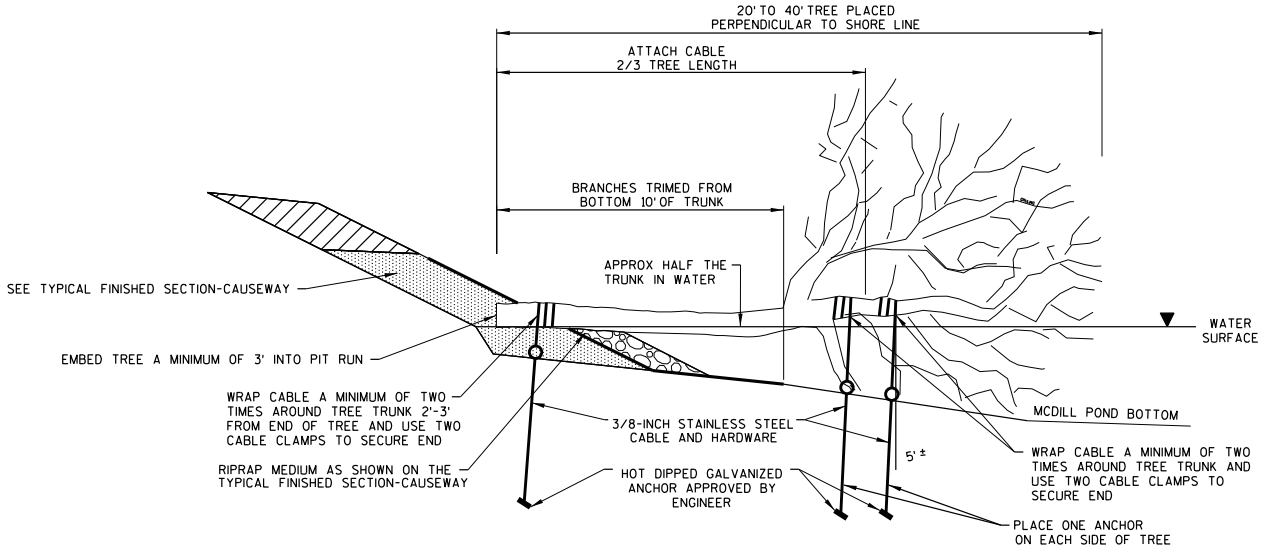
⑤ BAFFEL WIDTHS ARE 7'-11" TO ALLOW FOR A 1/2" GAP FROM SIDE WALLS FOR EXPANSION.

⑥ LOCATE INSIDE DIAMETER OF RISER & ACCESS HOLE IN BOX FLUSH WITH INSIDE WALL OF GRIT CHAMBER.

⑦ SEE RISER CLIP DETAIL FOR RISER ATTACHMENT TO GRIT CHAMBER.

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	CONSTRUCTION DETAILS	SHEET 33	E

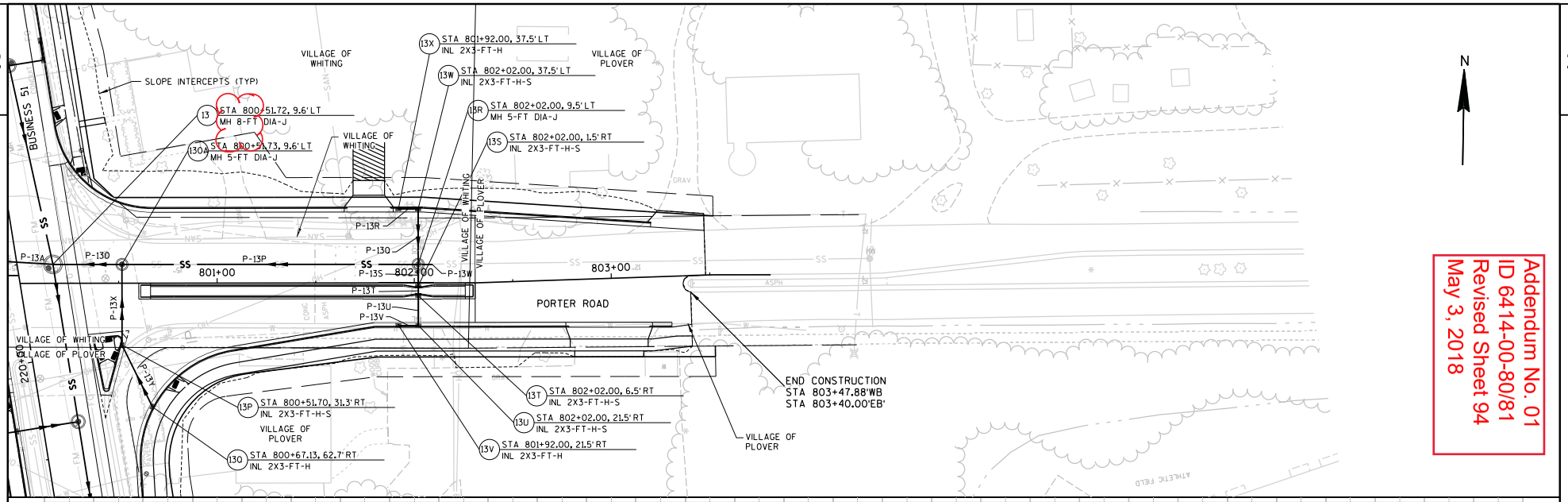
2

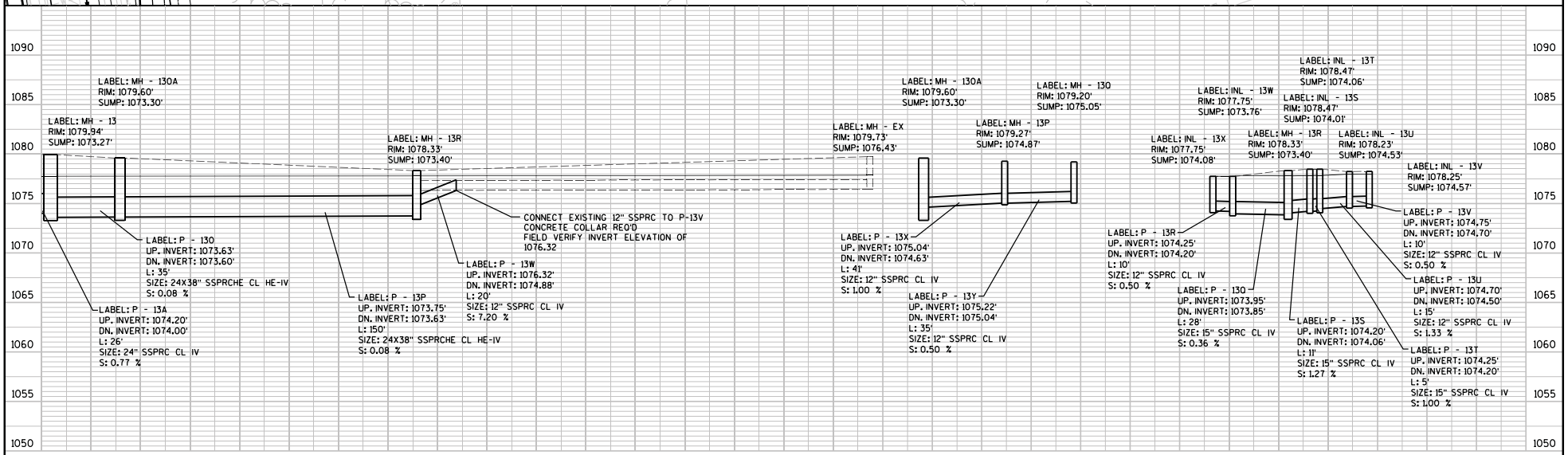


FISH HABITAT STRUCTURE TREES

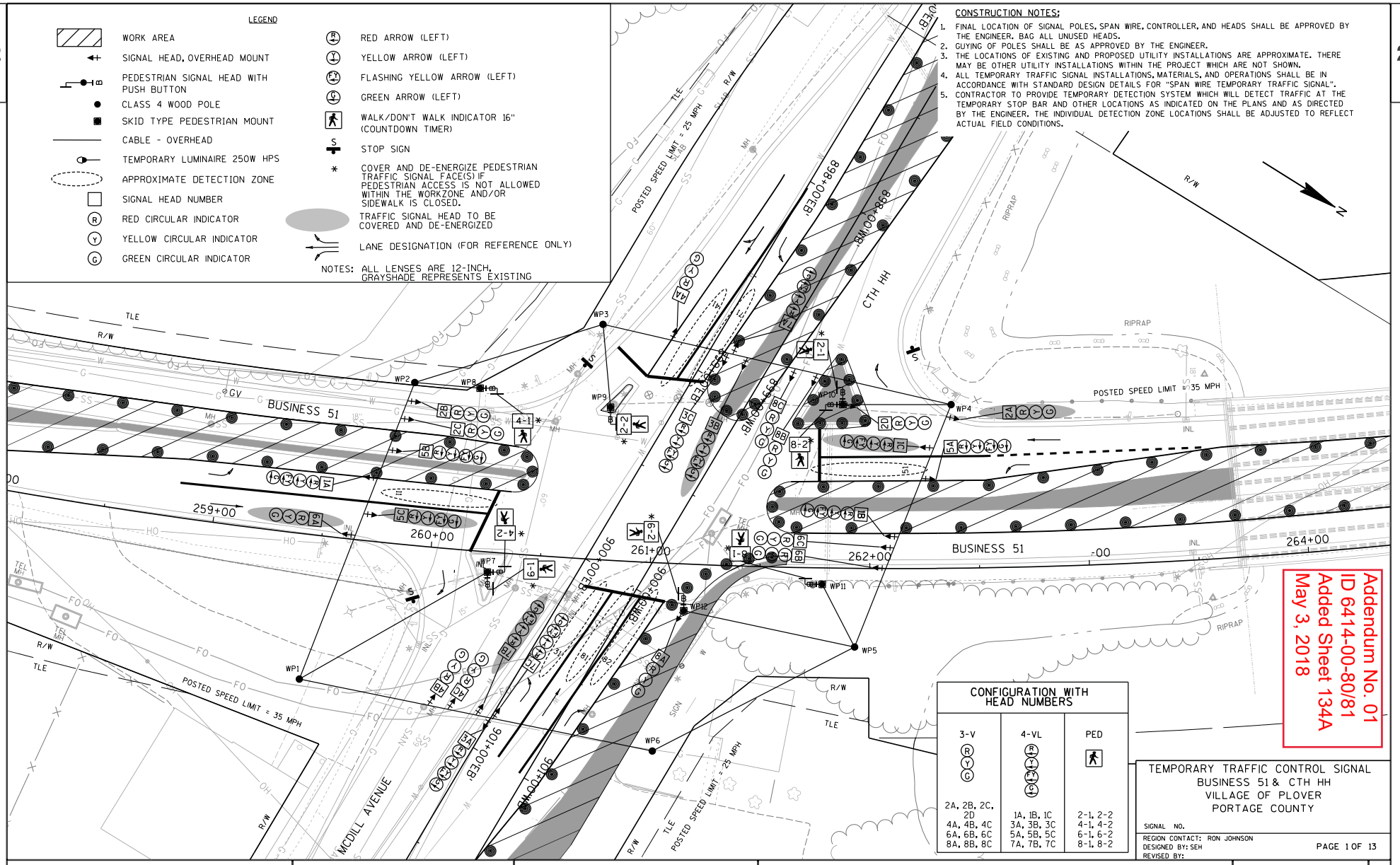
THREE TREES PRE LOCATION REQ'D

Addendum No. 01
ID 6414-00-80/81
Added Sheet 33A
May 3, 2018





PROJECT NO: 6414-00-80	HWY: BUSINESS 51	COUNTY: PORTAGE	STORM SEWER	SHEET 94	E


LEGEND
WORK AREA
SIGNAL HEAD, OVERHEAD MOUNT
PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON
CLASS 4 WOOD POLE
SKID TYPE PEDESTRIAN MOUNT
CABLE - OVERHEAD
TEMPORARY LUMINAIRE 250W HPS
APPROXIMATE DETECTION ZONE
SIGNAL HEAD NUMBER
RED CIRCULAR INDICATOR
YELLOW CIRCULAR INDICATOR
GREEN CIRCULAR INDICATOR
RED ARROW (LEFT)
YELLOW ARROW (LEFT)
FLASHING YELLOW ARROW (LEFT)
GREEN ARROW (LEFT)
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
STOP SIGN
COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORKZONE AND/OR SIDEWALK IS CLOSED.
TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
LANE DESIGNATION (FOR REFERENCE ONLY)
NOTES: ALL LENSES ARE 12-INCH. GRAYSHADE REPRESENTS EXISTING
CONSTRUCTION NOTES:
1. FINAL LOCATION OF SIGNAL POLES, SPAN WIRE, CONTROLLER, AND HEADS SHALL BE APPROVED BY THE ENGINEER. BAG ALL UNUSED HEADS.
2. GUYING OF POLES SHALL BE AS APPROVED BY THE ENGINEER.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL TEMPORARY TRAFFIC SIGNAL INSTALLATIONS, MATERIALS, AND OPERATIONS SHALL BE IN ACCORDANCE WITH STANDARD DESIGN DETAILS FOR "SPAN WIRE TEMPORARY TRAFFIC SIGNAL".
5. CONTRACTOR TO PROVIDE TEMPORARY DETECTION SYSTEM WHICH WILL DETECT TRAFFIC AT THE TEMPORARY STOP BAR AND OTHER LOCATIONS AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE INDIVIDUAL DETECTION ZONE LOCATIONS SHALL BE ADJUSTED TO REFLECT ACTUAL FIELD CONDITIONS.
BUSINESS 51
CTH HH
MCDILL AVENUE
POSTED SPEED LIMIT = 35 MPH
POSTED SPEED LIMIT = 25 MPH
RIPRAP
WP1
WP2
WP3
WP4
WP5
WP6
WP7
WP8
WP9
WP10
WP11
WP12
259+00
260+00
261+00
262+00
264+00
CONFIGURATION WITH HEAD NUMBERS
3-V
4-VL
PED
2A, 2B, 2C, 2D
4A, 4B, 4C
6A, 6B, 6C
8A, 8B, 8C
1A, 1B, 1C
3A, 3B, 3C
5A, 5B, 5C
7A, 7B, 7C
2-1, 2-2
4-1, 4-2
6-1, 6-2
8-1, 8-2
Addendum No. 01
ID 6414-00-80/81
Added Sheet 134A
May 3, 2018
TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY
SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:
PAGE 1 OF 13
PROJECT NO: 6414-00-81
HWY: BUSINESS 51
COUNTY: PORTAGE
TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1
SHEET 134A E
FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023921_temp_sp.dgn
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PLOT NAME :
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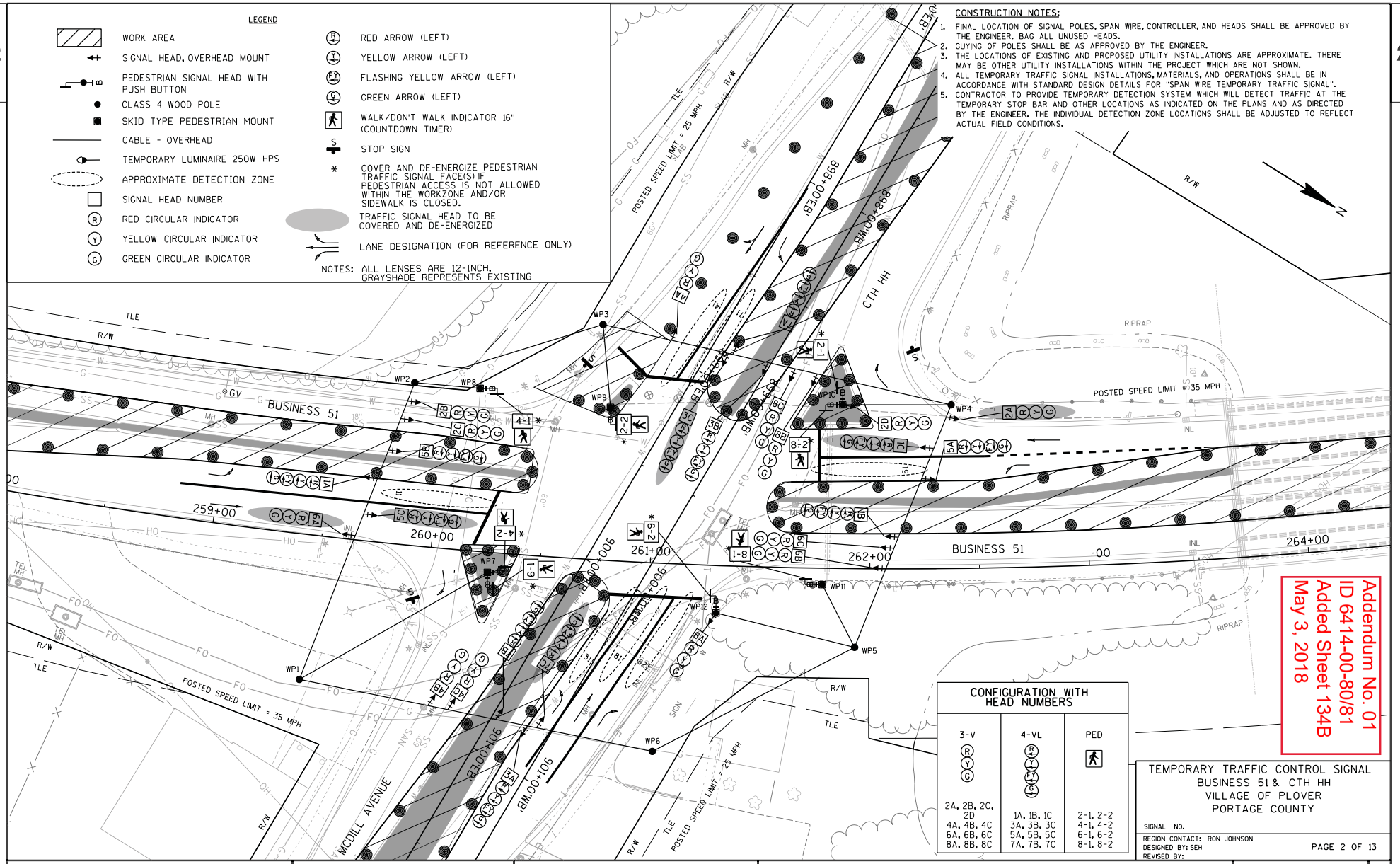
WISDOT/CADDS SHEET 42



PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 1A, 1B, 1C, & 1D	SHEET 134B	E

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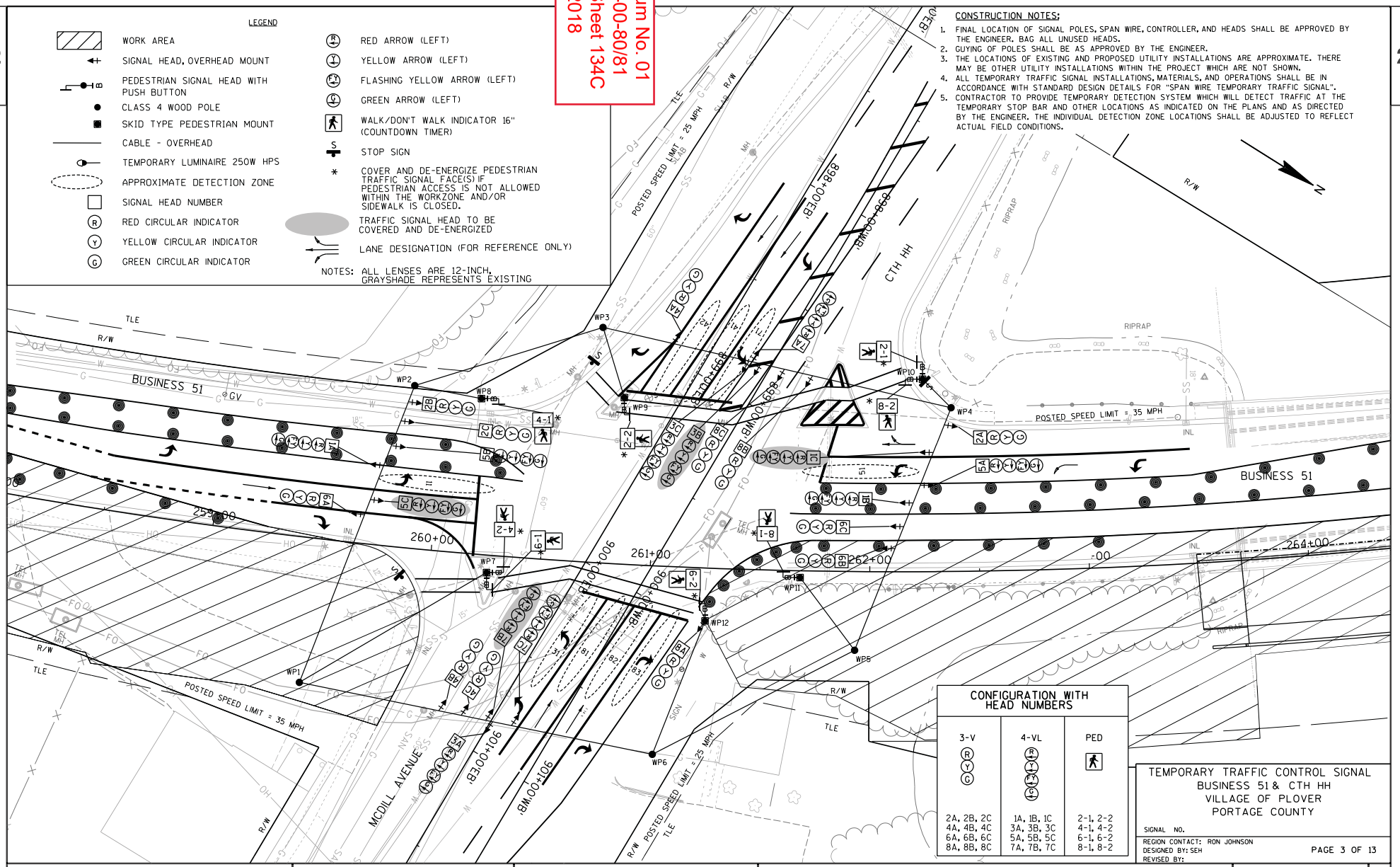
Addendum No. 01
ID 6414-00-80/81
Added Sheet 134C
May 3, 2018



PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 2A & 2B	SHEET 134C	E

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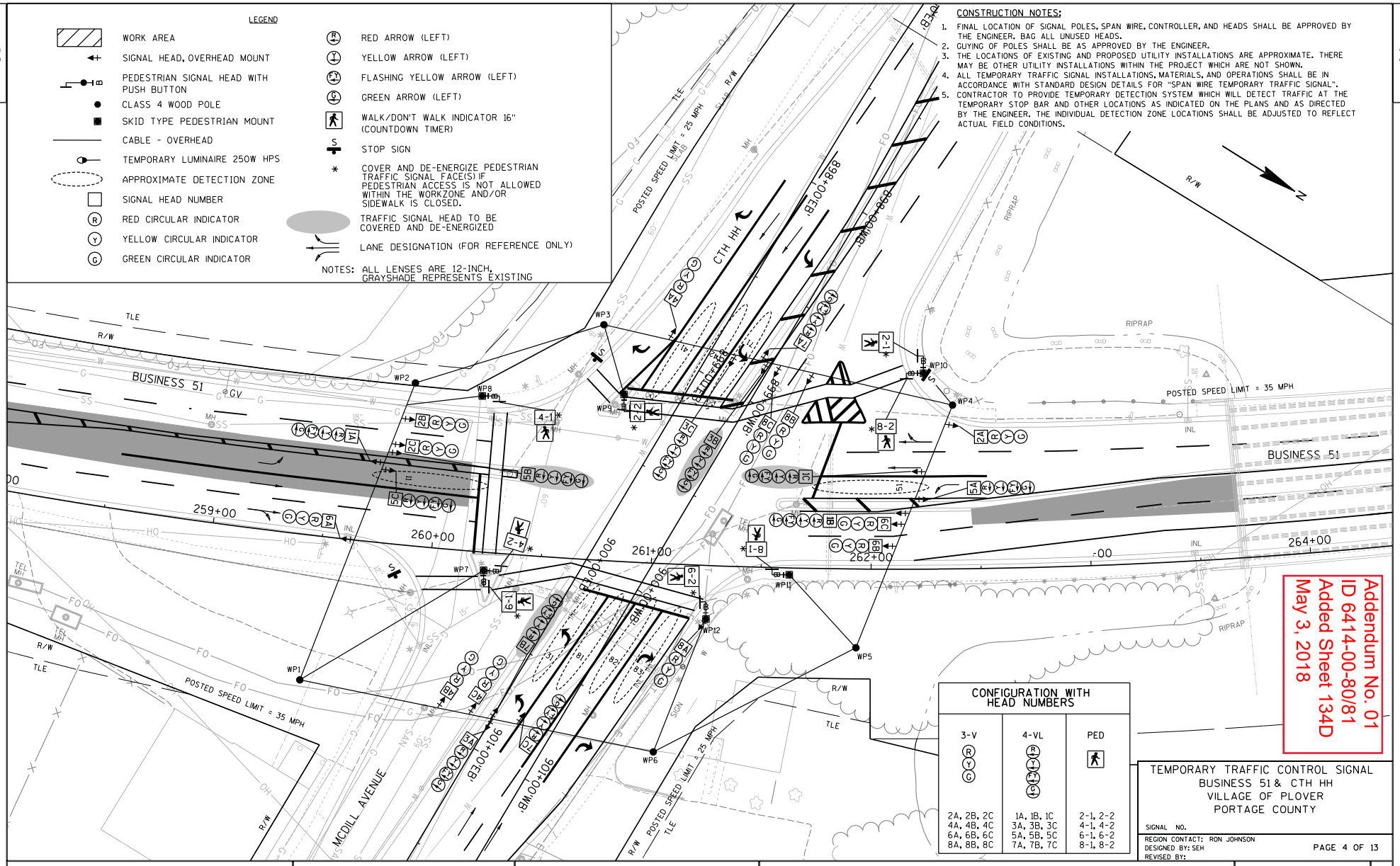

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE WINTER SHUTDOWN	SHEET 134D	E

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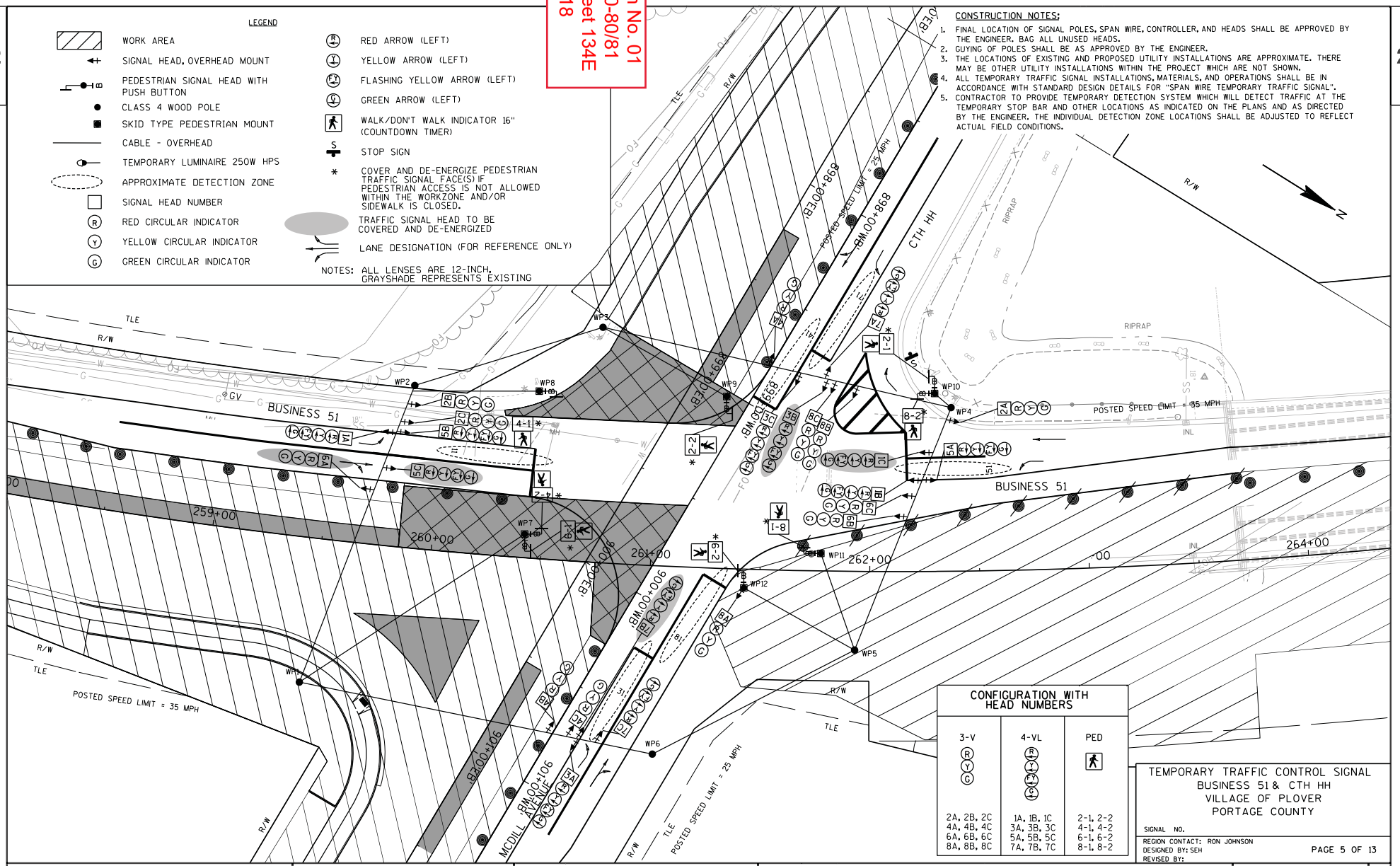
Addendum No. 01
ID 6414-00-80/81
Added Sheet 134E
May 3, 2018



PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A-A	SHEET 134E	E

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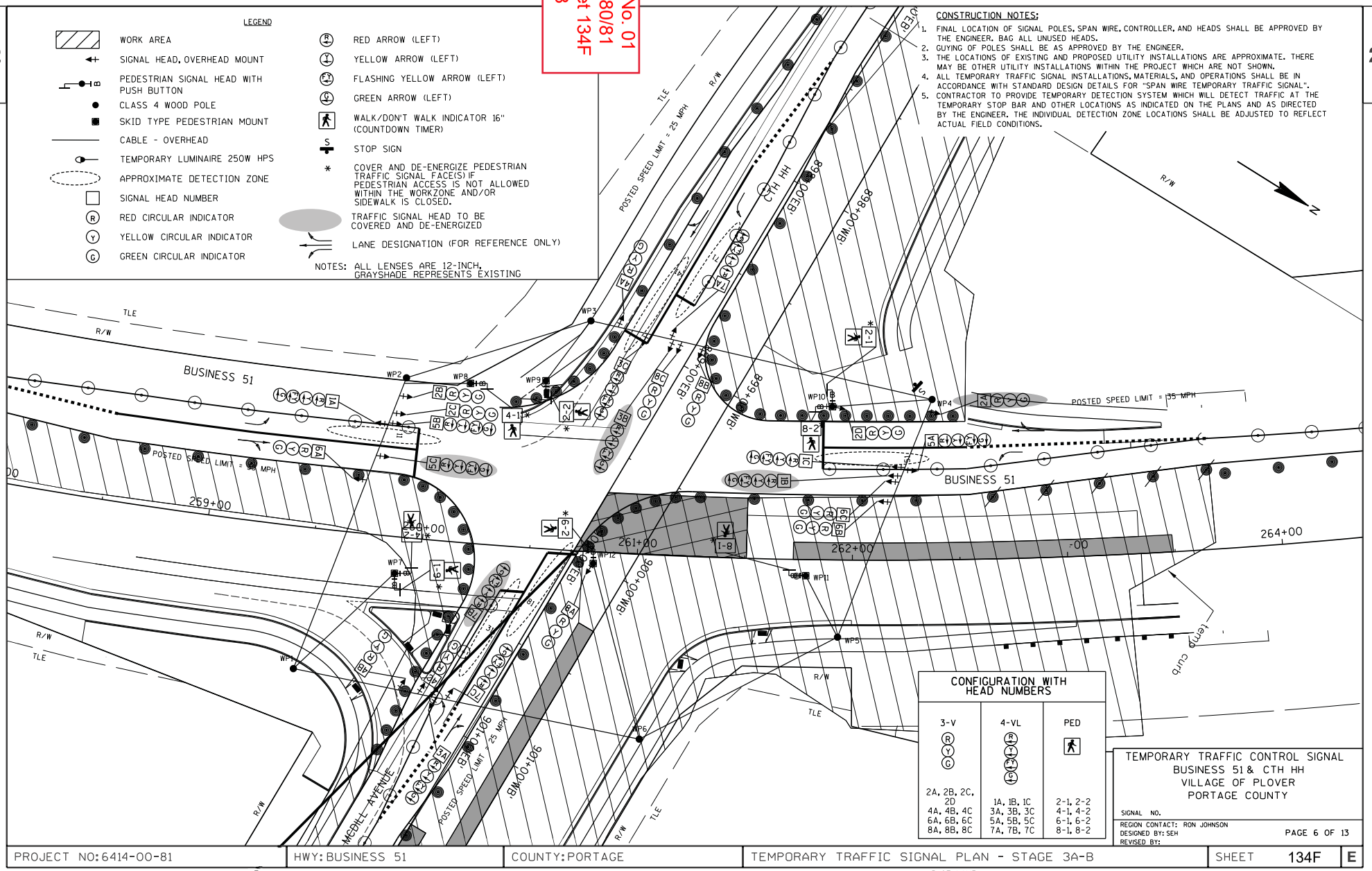
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134F
May 3, 2018

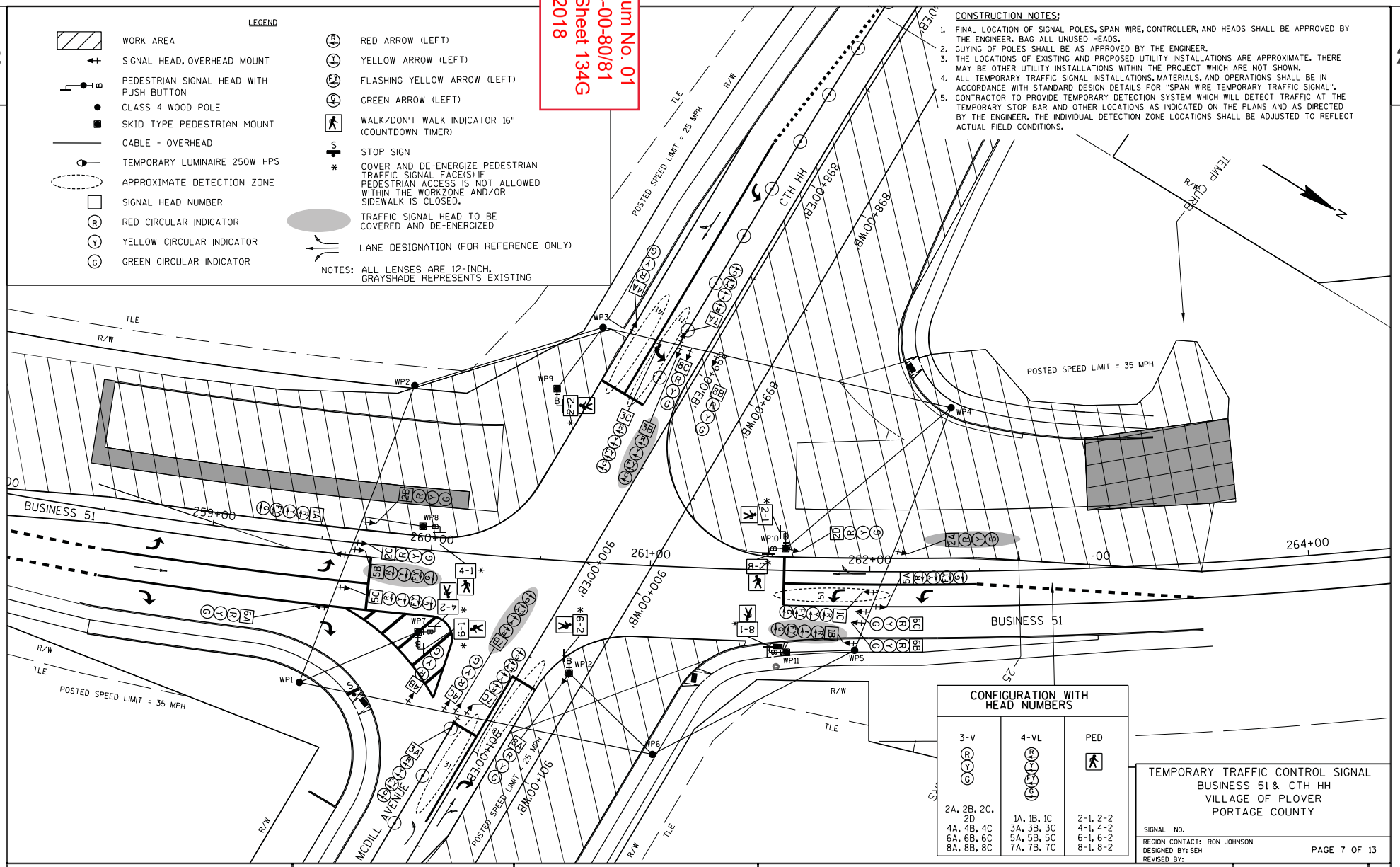


PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A-B	SHEET 134F	E

FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023923AB_temp_sp.dgn PLOT TIME : 10:41:32 PM PLOT DATE : 4/25/2018 PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134G
May 3, 2018



TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:

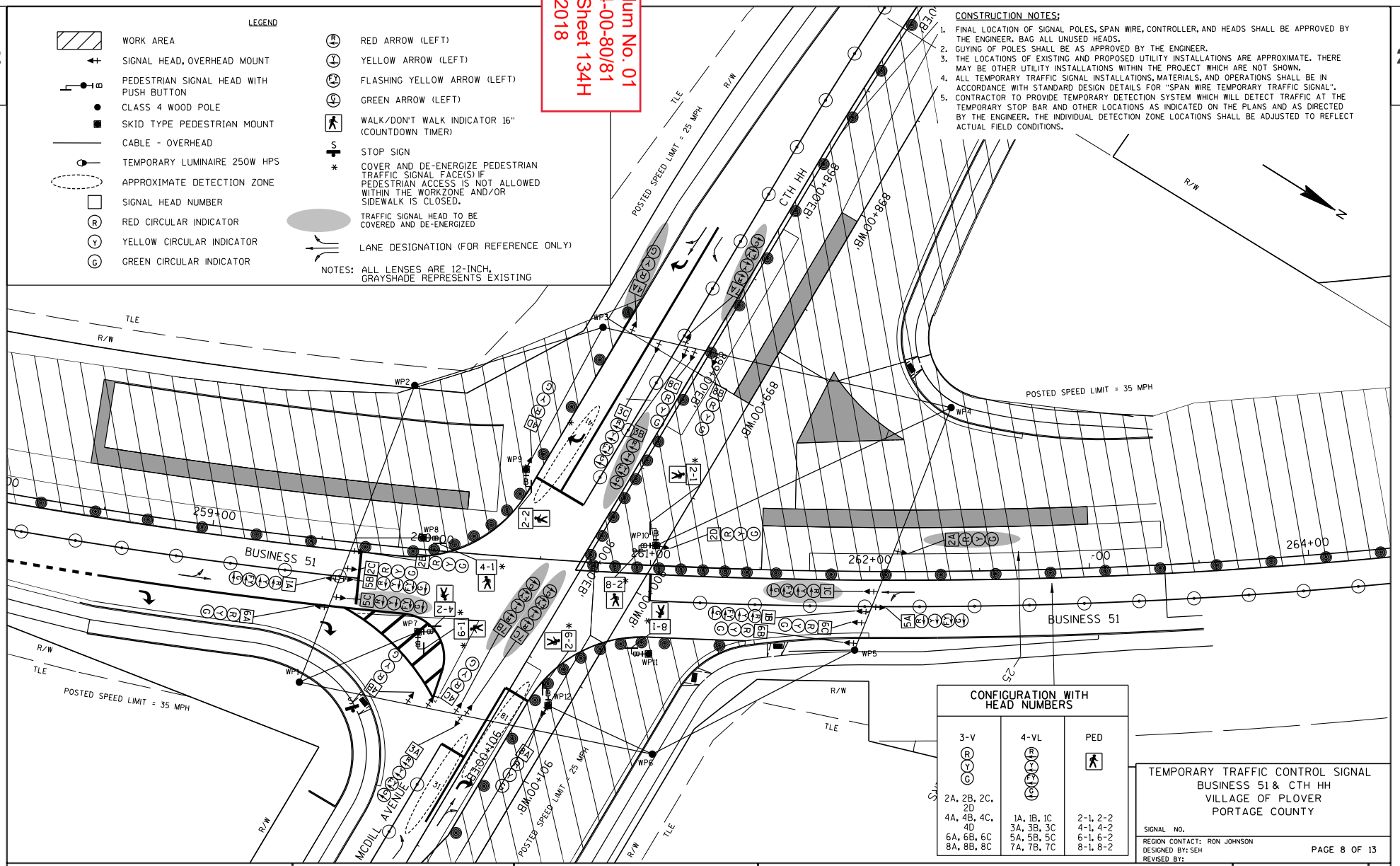
PAGE 7 OF 13

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A-C-1	SHEET 134G	E

FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023923AC1_temp_sp.dgn PLOT TIME : 10:44:03 PM PLOT DATE : 4/25/2018 PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134H
May 3, 2018



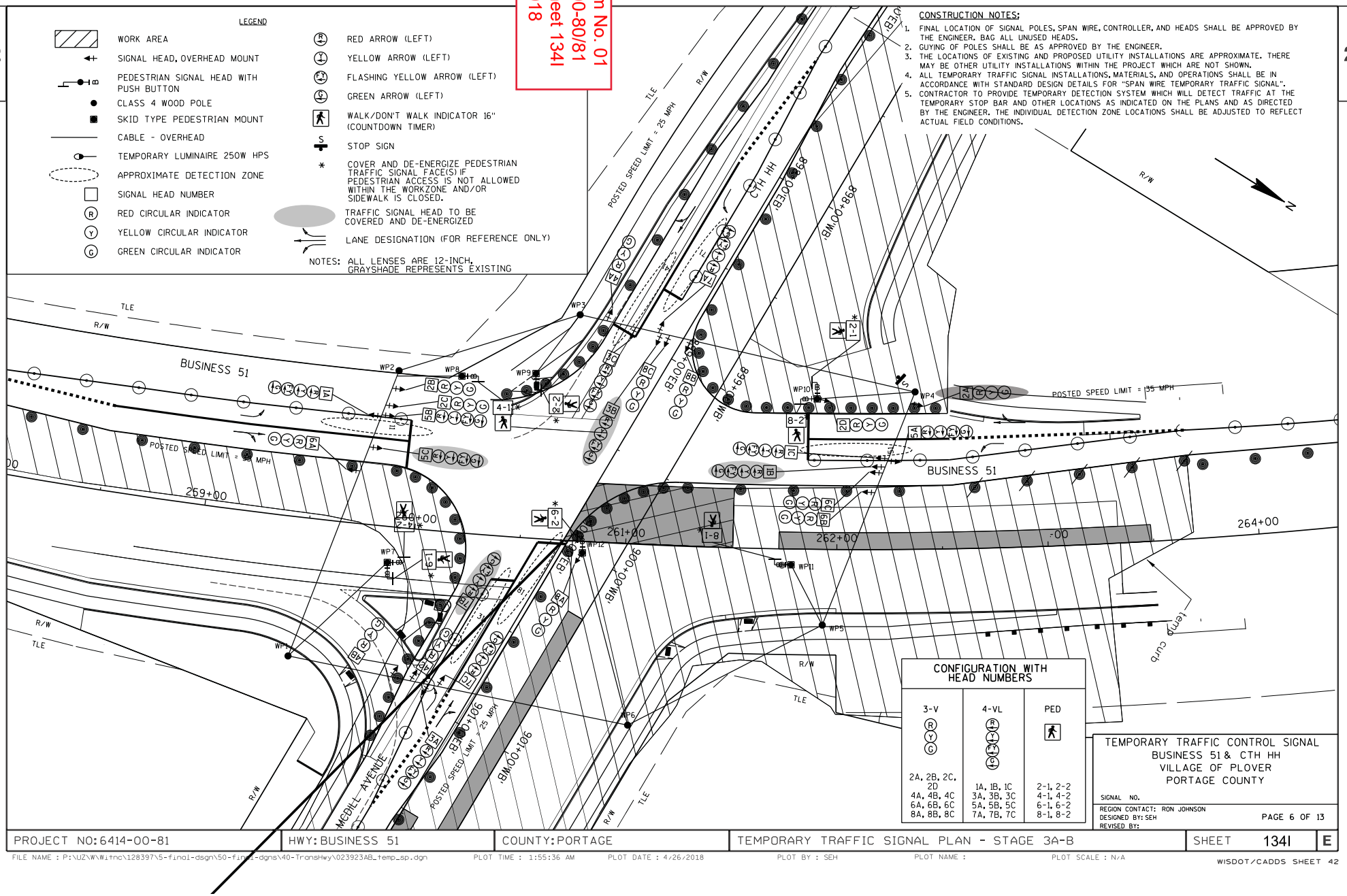
TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:
PAGE 8 OF 13

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A-C-2	SHEET 134H	E

FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023923AC2_temp_sp.dgn PLOT TIME : 10:44:49 PM PLOT DATE : 4/25/2018 PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 1341
May 3, 2018



TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:

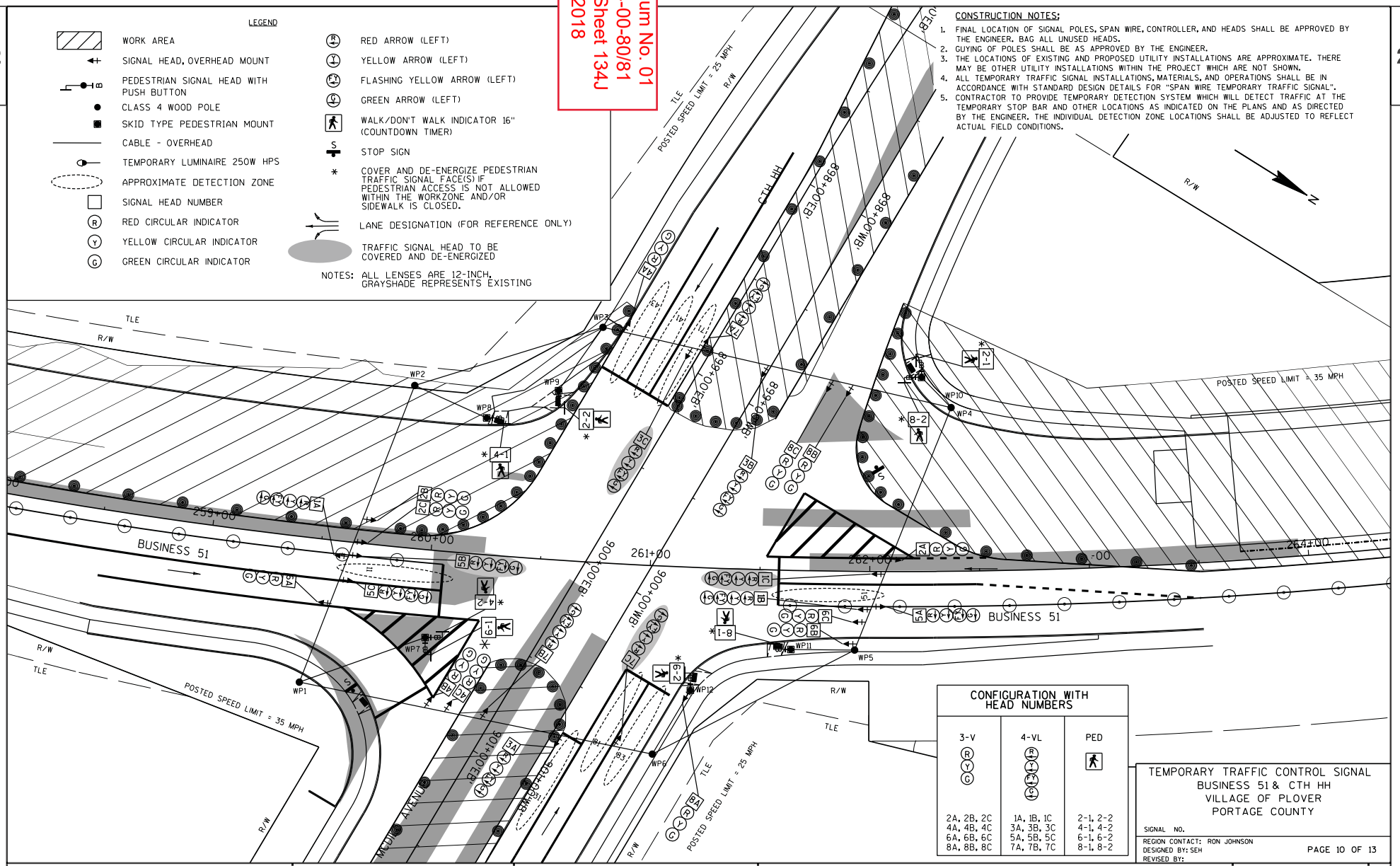
PAGE 6 OF 13

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A-B	SHEET 1341	E

FILE NAME : P:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023923AB_temp_sp.dgn PLOT TIME : 1:55:36 AM PLOT DATE : 4/26/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134J
May 3, 2018



PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A & 3B	SHEET 134J	E

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134K
May 3, 2018

2

2

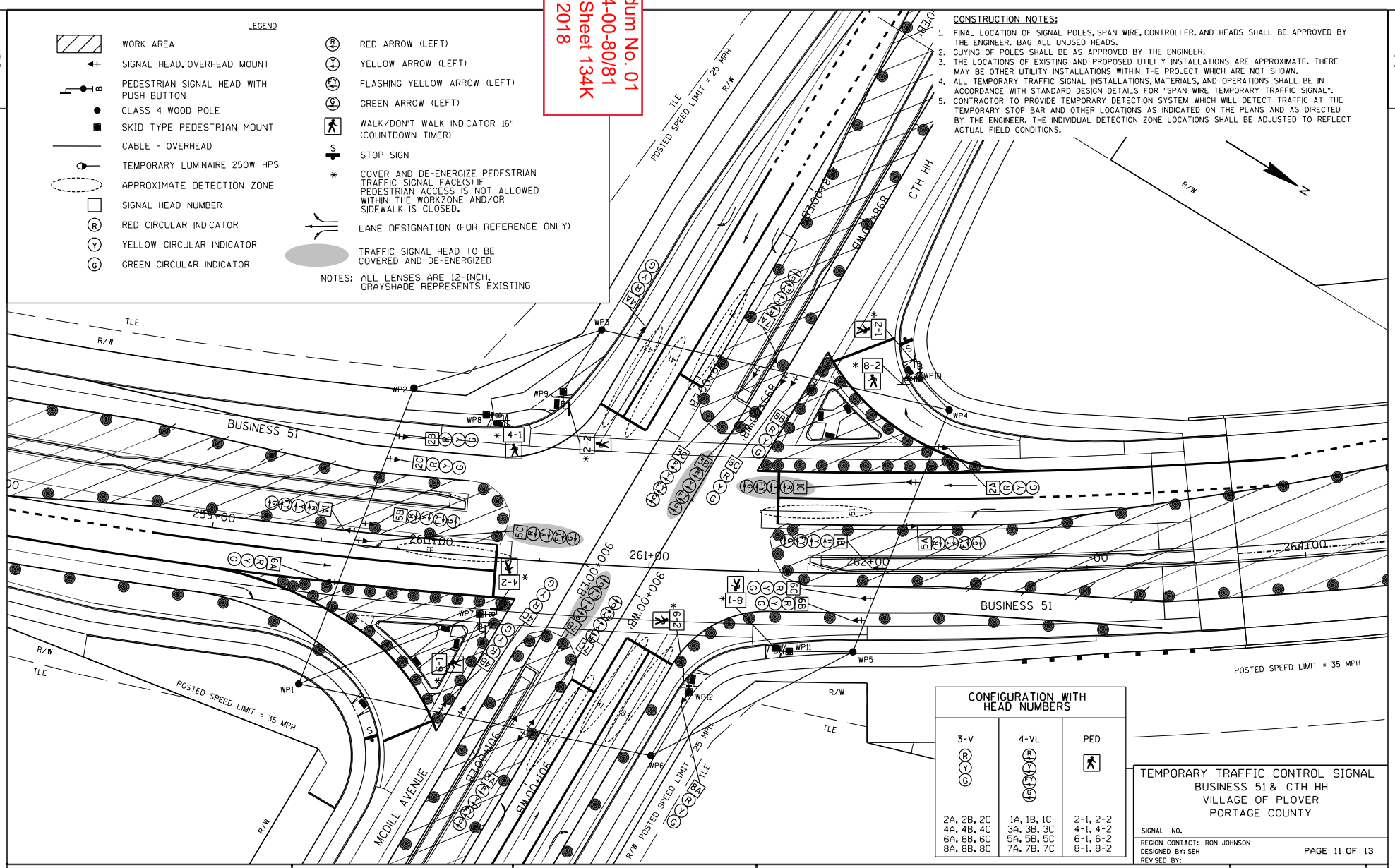
LEGEND

- WORK AREA
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON
- CLASS 4 WOOD POLE
- SKID TYPE PEDESTRIAN MOUNT
- CABLE - OVERHEAD
- TEMPORARY LUMINAIRE 250W HPS
- APPROXIMATE DETECTION ZONE
- SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW (LEFT)
- (Y) YELLOW ARROW (LEFT)
- FLASHING YELLOW ARROW (LEFT)
- (G) GREEN ARROW (LEFT)
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- S STOP SIGN
- * COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORKZONE AND/OR SIDEWALK IS CLOSED.
- LANE DESIGNATION (FOR REFERENCE ONLY)
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTES: ALL LENSES ARE 12-INCH, GRAYSHADE REPRESENTS EXISTING

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SPAN WIRE, CONTROLLER, AND HEADS SHALL BE APPROVED BY THE ENGINEER. BAG ALL UNUSED HEADS.
2. GUYING OF POLES SHALL BE AS APPROVED BY THE ENGINEER.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL TEMPORARY TRAFFIC SIGNAL INSTALLATIONS, MATERIALS, AND OPERATIONS SHALL BE IN ACCORDANCE WITH STANDARD DESIGN DETAILS FOR "SPAN WIRE TEMPORARY TRAFFIC SIGNAL".
5. CONTRACTOR TO PROVIDE TEMPORARY DETECTION SYSTEM WHICH WILL DETECT TRAFFIC AT THE TEMPORARY STOP BAR AND OTHER LOCATIONS AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE INDIVIDUAL DETECTION ZONE LOCATIONS SHALL BE ADJUSTED TO REFLECT ACTUAL FIELD CONDITIONS.



CONFIGURATION WITH HEAD NUMBERS

3-V	4-VL	PED
(R) (Y) (G)	(R) (Y) (G) (Y) (G)	
2A, 2B, 2C	1A, 1B, 1C	2-1, 2-2
4A, 4B, 4C	3A, 3B, 3C	4-1, 4-2
6A, 6B, 6C	5A, 5B, 5C	6-1, 6-2
8A, 8B, 8C	7A, 7B, 7C	8-1, 8-2

TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:

PAGE 11 OF 13

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4A	SHEET 134K	E

FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023924A_temp_sp.dgn PLOT TIME : 10:47:11 PM PLOT DATE : 4/25/2018 PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134L
May 3, 2018

2

2

LEGEND

- WORK AREA
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN SIGNAL HEAD WITH PUSH BUTTON
- CLASS 4 WOOD POLE
- SKID TYPE PEDESTRIAN MOUNT
- CABLE - OVERHEAD
- TEMPORARY LUMINAIRE 250W HPS
- APPROXIMATE DETECTION ZONE
- SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (B) RED ARROW (LEFT)
- (Y) YELLOW ARROW (LEFT)
- FLASHING YELLOW ARROW (LEFT)
- (G) GREEN ARROW (LEFT)
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- S STOP SIGN
- * COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORKZONE AND/OR SIDEWALK IS CLOSED.
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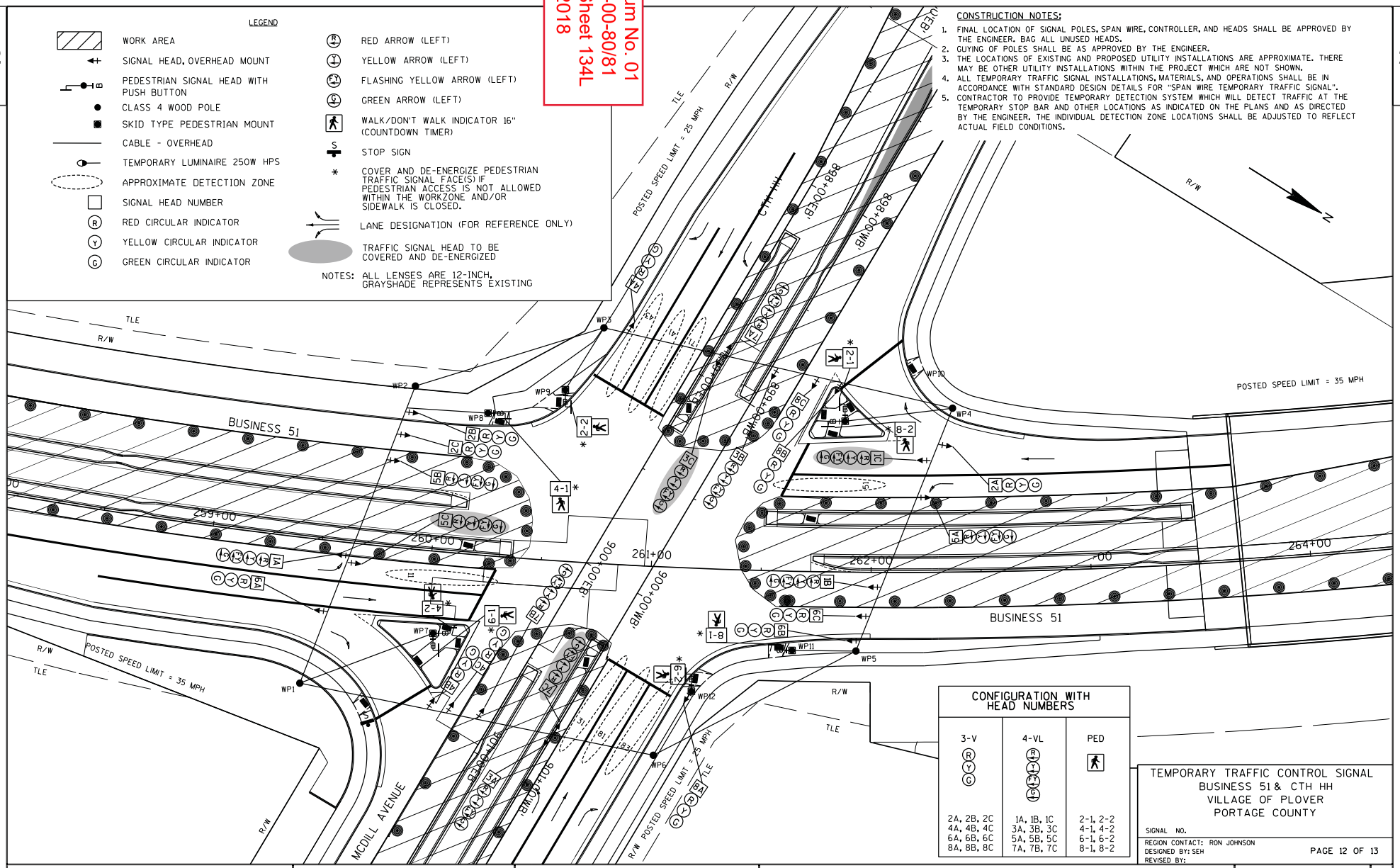


CONFIGURATION WITH HEAD NUMBERS

3-V	4-VL	PED
2A, 2B, 2C	1A, 1B, 1C	2-1, 2-2
4A, 4B, 4C	3A, 3B, 3C	4-1, 4-2
6A, 6B, 6C	5A, 5B, 5C	6-1, 6-2
8A, 8B, 8C	7A, 7B, 7C	8-1, 8-2

TEMPORARY TRAFFIC CONTROL SIGNAL
BUSINESS 51 & CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.
REGION CONTACT: RON JOHNSON
DESIGNED BY: SEH
REVISED BY:

PROJECT NO: 6414-00-81	HWY: BUSINESS 51	COUNTY: PORTAGE	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B	SHEET 134L	E

FILE NAME : G:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\023924B_temp_sp.dgn PLOT TIME : 10:48:03 PM PLOT DATE : 4/25/2018 PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 134M
May 3, 2018

SEQUENCE OF OPERATION

RING 1

	HEAD NUMBERS	Ø1 R/W	Ø1 CLEAR TO **						Ø2 R/W	Ø2 CLEAR TO **						Ø3 R/W	Ø3 CLEAR TO **						Ø4 R/W	Ø4 CLEAR TO **						FLASH
Ø1	1A,1B,1C	G	-	-					-	-	-					-	-	-					-	-						-
Ø2	2A,2B,2C,2D	R	R	R					G	Y	R					R	R	R					R	R	R					R
Ø3	3A,3B,3C	-	-	-					-	-	-					G	-	-					-	-	-					-
Ø4	4A,4B,4C,4D	R	R	R					R	R	R					R	R	R					G	Y	R					R
Ø5	5A,5B,5C	-	-	-					-	-	-					-	-	-					-	-	-					-
Ø6	6A,6B,6C	R	R	R					R	R	R					R	R	R					R	R	R					R
Ø7	7A,7B,7C	-	-	-					-	-	-					-	-	-					-	-	-					-
Ø8	8A,8B,8C	R	R	R					R	R	R					R	R	R					R	R	R					R
OLE	1A,1B,1C	-	Y	R					FY	Y	R					R	R	R					R	R	R					R
OLF	3A,3B,3C	R	R	R					R	R	R					-	Y	R					FY	Y	R					R
OLG	5A,5B,5C	R	R	R					R	R	R					R	R	R					R	R	R					R
OLH	7A,7B,7C	R	R	R					R	R	R					R	R	R					R	R	R					R
Ø2P	2-1,2-2	DW	DW	DW					*	DW	DW					DW	DW	DW					DW	DW	DW					
Ø4P	4-1,4-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					*	DW	DW					
Ø6P	6-1,6-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					DW	DW	DW					
Ø8P	8-1,8-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					DW	DW	DW					

RING 2

	HEAD NUMBERS	Ø5 R/W	Ø5 CLEAR TO **						Ø6 R/W	Ø6 CLEAR TO **						Ø7 R/W	Ø7 CLEAR TO **						Ø8 R/W	Ø8 CLEAR TO **					
Ø1	1A,1B,1C	-	-	-					-	-	-					-	-	-					-	-	-				
Ø2	2A,2B,2C,2D	R	R	R					R	R	R					R	R	R					R	R	R				
Ø3	3A,3B,3C	-	-	-					-	-	-					-	-	-					-	-	-				
Ø4	4A,4B,4C,4D	R	R	R					R	R	R					R	R	R					R	R	R				
Ø5	5A,5B,5C	G	-	-					-	-	-					-	-	-					-	-	-				
Ø6	6A,6B,6C	R	R	R					G	Y	R					R	R	R					R	R	R				
Ø7	7A,7B,7C	-	-	-					-	-	-					G	-	-					-	-	-				
Ø8	8A,8B,8C	R	R	R					R	R	R					R	R	R					G	Y	R				
OLE	1A,1B,1C	R	R	R					R	R	R					R	R	R					R	R	R				
OLF	3A,3B,3C	R	R	R					R	R	R					R	R	R					R	R	R				
OLG	5A,5B,5C	-	Y	R					FY	Y	R					R	R	R					R	R	R				
OLH	7A,7B,7C	R	R	R					R	R	R					-	Y	R					FY	Y	R				
Ø2P	2-1,2-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					DW	DW	DW				
Ø4P	4-1,4-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					DW	DW	DW				
Ø6P	6-1,6-2	DW	DW	DW					*	DW	DW					DW	DW	DW					DW	DW	DW				
Ø8P	8-1,8-2	DW	DW	DW					DW	DW	DW					DW	DW	DW					*	DW	DW				

FY=FLASHING YELLOW

BARRIER

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION: CALLS AND EXTENDS	DETECTOR OPERATION: CALLS ONLY	DETECTOR OPERATION: EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH
11		X			1	1			
31		X			3	3			
41		X			4	4			
42		X			4	4			
43		X			4	4		X	
51		X			5	5			
71		X			7	7			
81		X			8	8			
82		X			8	8			
83		X			8	8		X	

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY Y / Ø	PHASE RECALL	PHASE RECALL
1		6		X
2	X	6	MIN.	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN.	X
7		4		X
8		4		X

SPECIAL OVERLAPS

	PROTECTED	PERMISSIVE
OLE	1	2
OLF	3	4
OLG	5	6
OLH	7	8

TYPE OF INTERCONNECT COMMUNICATION	
NONE	X
TBC	
CLOSED LOOP TWISTED PAIR*	
CLOSED LOOP FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
LOCATION OF MASTER CONTROLLER NO:	
SIGNAL SYSTEM #:	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
3M	
TOMAR	
HARDWIRE	
OTHER	
QUEUE DETECTOR	
LIFT BRIDGE	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1	5 OR 6,OLG	2,3,4,7,8,OLF,OLH
2	5 OR 6,OLE,OLG	1,3,4,7,8,OLF,OLH
3	7 OR 8,OLH	1,2,4,5,6,OLE,OLG
4	7 OR 8,OLF,OLH	1,2,3,5,6,OLE,OLG
5	1 OR 2,OLE	3,4,6,7,8,OLF,OLH
6	1 OR 2,OLE,OLG	3,4,5,7,8,OLF,OLH
7	3 OR 4, OLF	1,2,5,6,8,OLE,OLG
8	3 OR 4,OLF,OLH	1,2,5,6,7,OLE,OLG

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1)

GENERAL NOTES:

1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL. (SEE CHART 1 AT LEFT.)
3. WHEN OPPOSING THRU PHASES ARE TIMING CONCURRENTLY THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.

BUSINESS 51 &
CTH HH
VILLAGE OF PLOVER
PORTAGE COUNTY

SIGNAL NO.

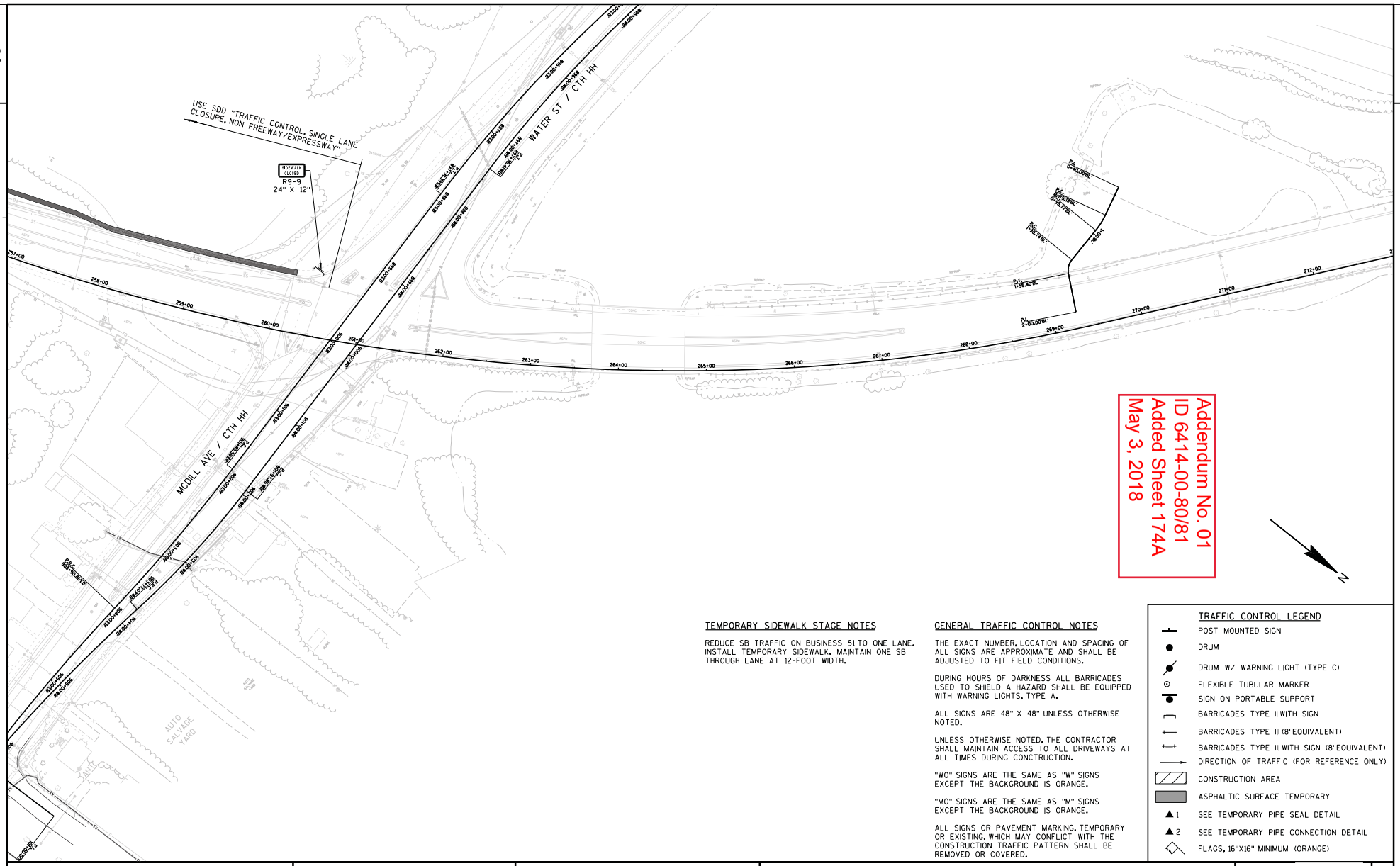
CONTROLLER TYPE: TEMP

DATE

PAGE NO. 13 OF 13

PROJECT NO: 6414-00-81	HWY: USH 51	COUNTY: PORTAGE	TEMPORARY SEQUENCE OF OPERATIONS	SHEET 134M E

FILE NAME : ...\023929_Temp_SP_PH.dgn PLOT DATE : 4/25/2018 10:48:12 PM PLOT BY : SEH INC PLOT NAME : PLOT SCALE : Invalid expression



TEMPORARY SIDEWALK STAGE NOTES

REDUCE SB TRAFFIC ON BUSINESS 51 TO ONE LANE. INSTALL TEMPORARY SIDEWALK. MAINTAIN ONE SB THROUGH LANE AT 12-FOOT WIDTH.

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

TRAFFIC CONTROL LEGEND

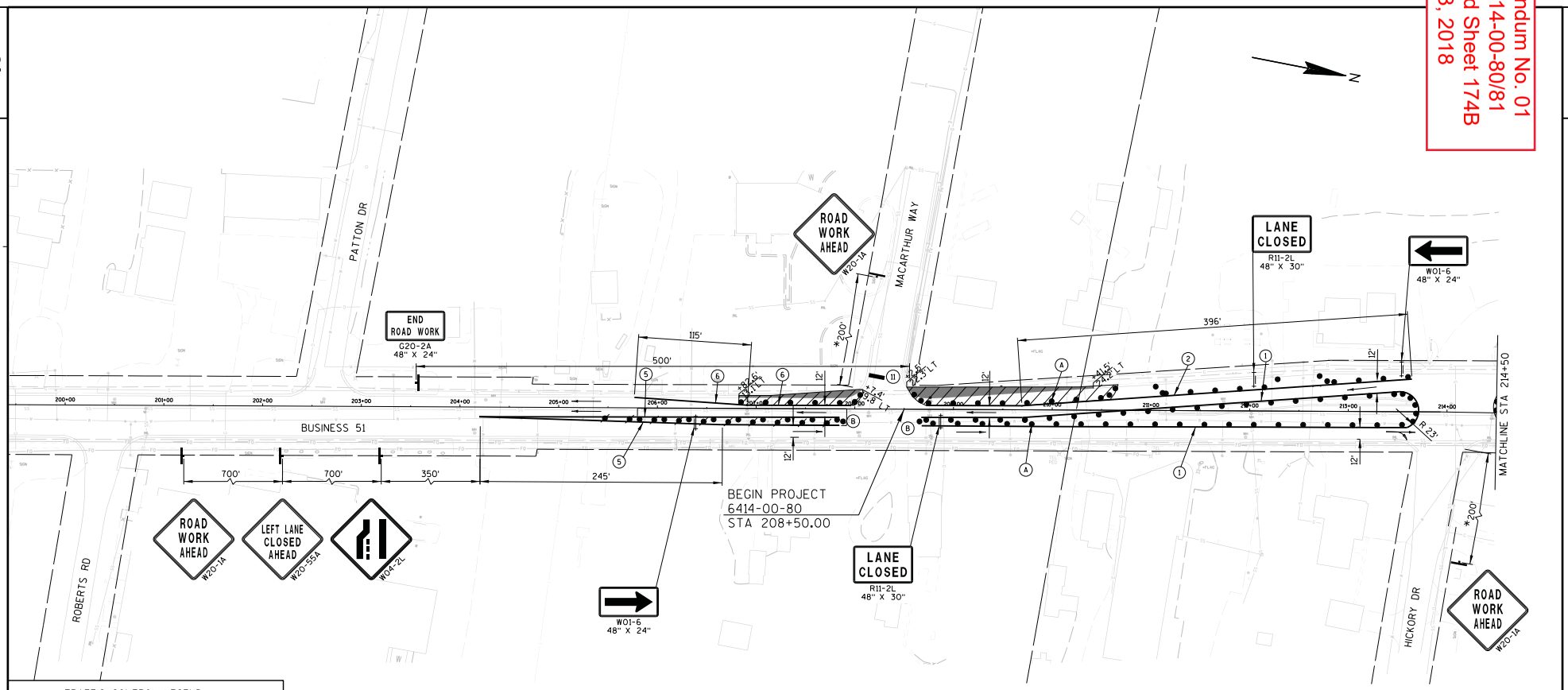
- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - TEMPORARY SIDEWALK	SHEET 174A E

FILE NAME : ...\025000-tc temp sidewalk.dgn PLOT DATE : 4/18/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174B
May 3, 2018

2



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

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"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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STAGE 1 DESCRIPTION:

TRAFFIC ON BUSINESS 51 AND CTH HH SHALL BE REDUCED TO ONE LANE IN EACH DIRECTION AND SHALL REMAIN THIS WAY THROUGHOUT CONSTRUCTION. UNLESS NOTED OTHERWISE IN STAGES 1A THRU 1D, TRAFFIC SHALL UTILIZE THE EXISTING OUTSIDE LANES OF BUSINESS 51 AND CTH HH. THE PURPOSE OF STAGE 1 IS TO REPLACE CENTER MEDIANS AND WIDEN BUSINESS 51 WITH TEMPORARY PAVEMENT WHERE SHOWN, INSTALL THE SOUTH PORTION OF THE STORM SEWER TRUNK LINE, AND INSTALL THE TEMPORARY SIDEWALK IN ADVANCE OF STAGE 2. THROUGH LANES SHALL BE A MINIMUM OF 12 FEET WIDE AND TURN LANES SHALL BE A MINIMUM OF 10 FEET WIDE THROUGHOUT ALL STAGES OF CONSTRUCTION, UNLESS NOTED OTHERWISE.

STAGE 1A DESCRIPTION:

THE PURPOSE OF STAGE 1A IS TO WIDEN BUSINESS 51 AND PLACE TEMPORARY PAVEMENT IN ADVANCE OF INSTALLING THE STORM SEWER TRUNK LINE FROM MH 4 TO INLET 8A IN STAGE 1B. THE INSTALLATION OF THE TEMPORARY SIDEWALK NORTH OF HICKORY DRIVE CAN BE OCCURING DURING THIS STAGE.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

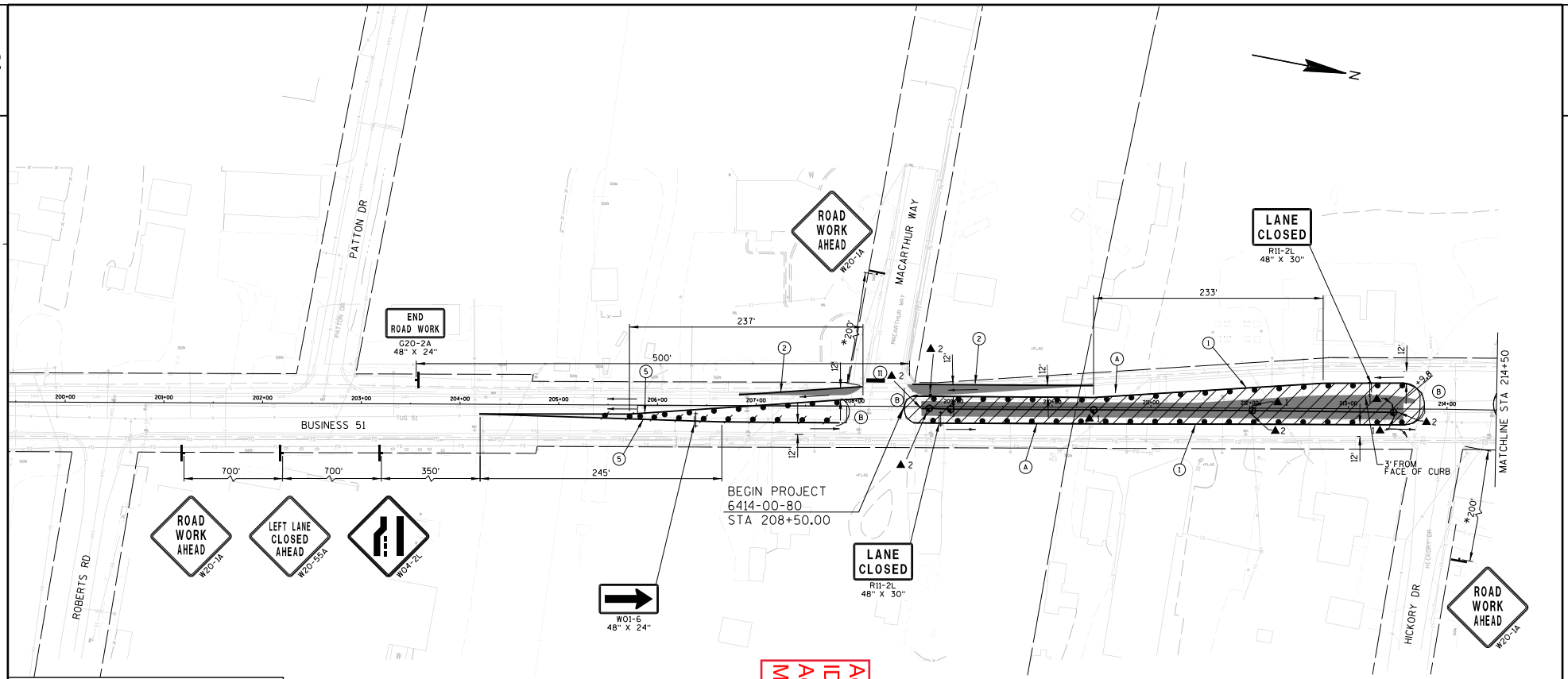
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVERABLE TAPE 4-INCH (WHITE)
(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1A	SHEET 174B	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025001-tc stage1a.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174C
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 1B DESCRIPTION:

THE PURPOSE OF STAGE 1B IS TO INSTALL THE STORM SEWER TRUNK LINE FROM MH 4 TO INLET 8A AND REPLACE THE CENTER MEDIAN WITH TEMPORARY PAVEMENT. THE INSTALLATION OF THE TEMPORARY SIDEWALK NORTH OF HICKORY DRIVE CAN BE OCCURING DURING THIS STAGE.

SHEET NOTES

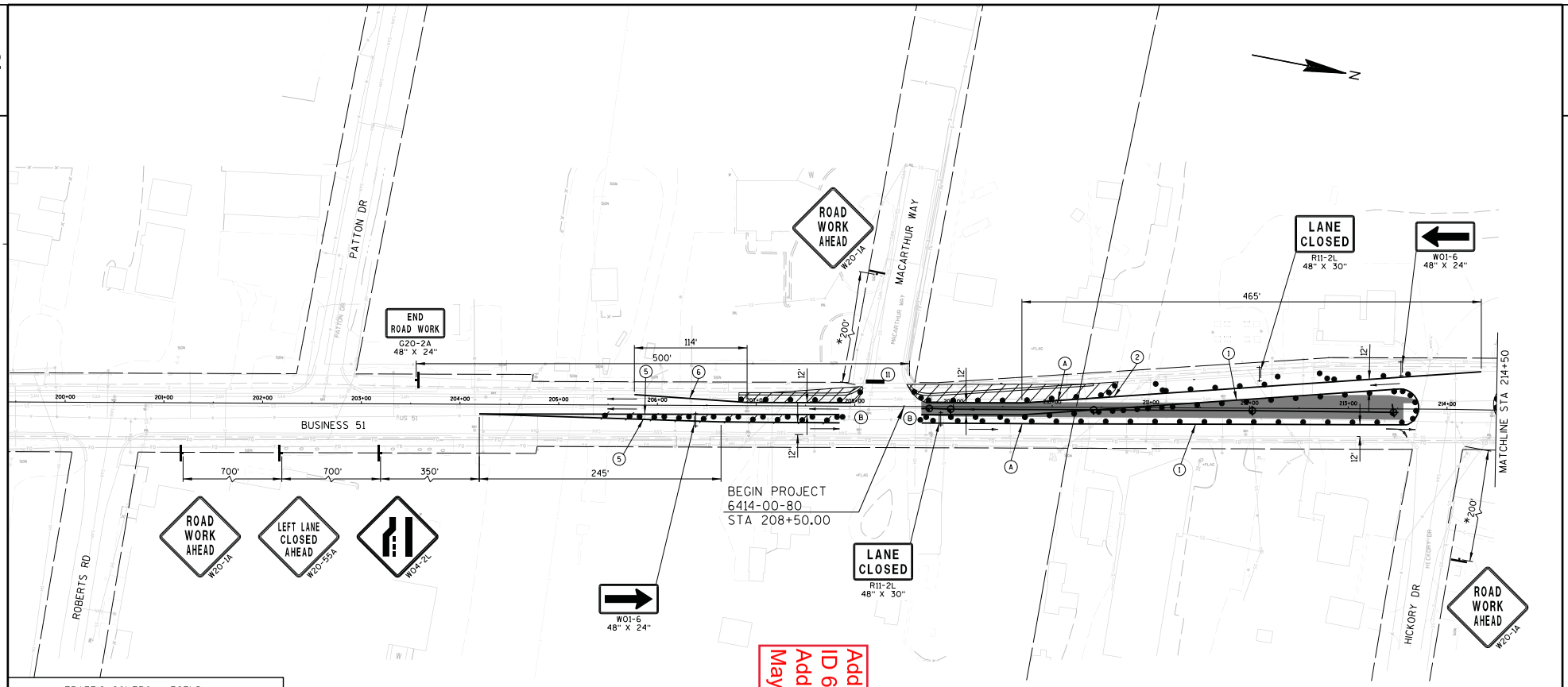
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1B	SHEET 174C	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025001-tc stage1b.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174D
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 1C DESCRIPTION:

THE PURPOSE OF STAGE 1C IS TO REMOVE THE TEMPORARY ASPHALT PLACED IN STAGE 1A AND INSTALL THE SOUTHBOUND OUTSIDE CURB & GUTTER AND ENTRANCE APRON REMOVED IN STAGE 1A. THE INSTALLATION OF THE TEMPORARY SIDEWALK NORTH OF HICKORY DRIVE CAN BE OCCURING DURING THIS STAGE. THE TEMPORARY SIDEWALK SOUTH OF HICKORY DRIVE MAY BE INSTALLED DURING THIS STAGE.

SHEET NOTES

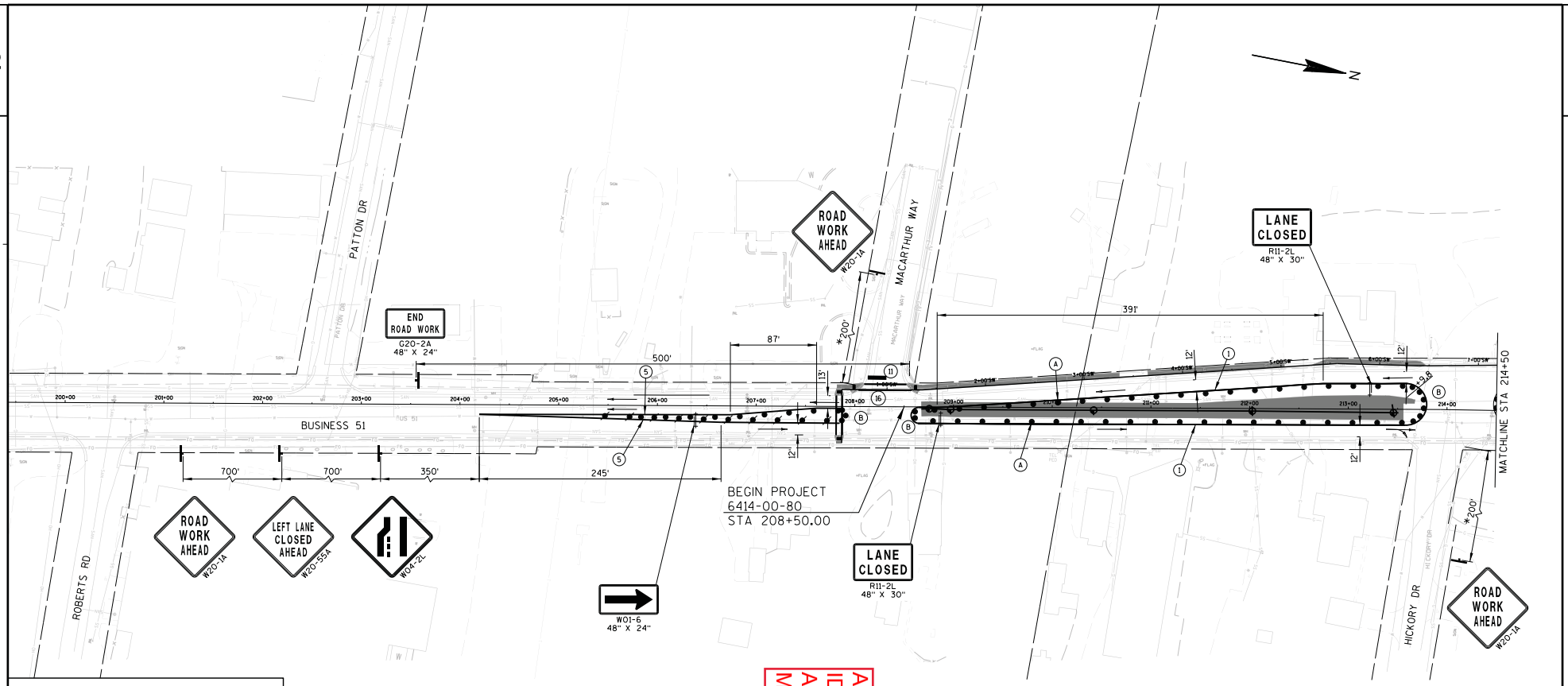
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE 4-INCH (WHITE)
(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1C	SHEET 174D	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025001-tc stage1c.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174E
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 1D DESCRIPTION:

THE PURPOSE OF STAGE 1D IS TO INSTALL TEMPORARY SIDEWALK FROM MACARTHUR WAY TO HICKORY DRIVE. THE INSTALLATION OF THE TEMPORARY SIDEWALK NORTH OF HICKORY DRIVE CAN BE OCCURING DURING THIS STAGE.

SHEET NOTES

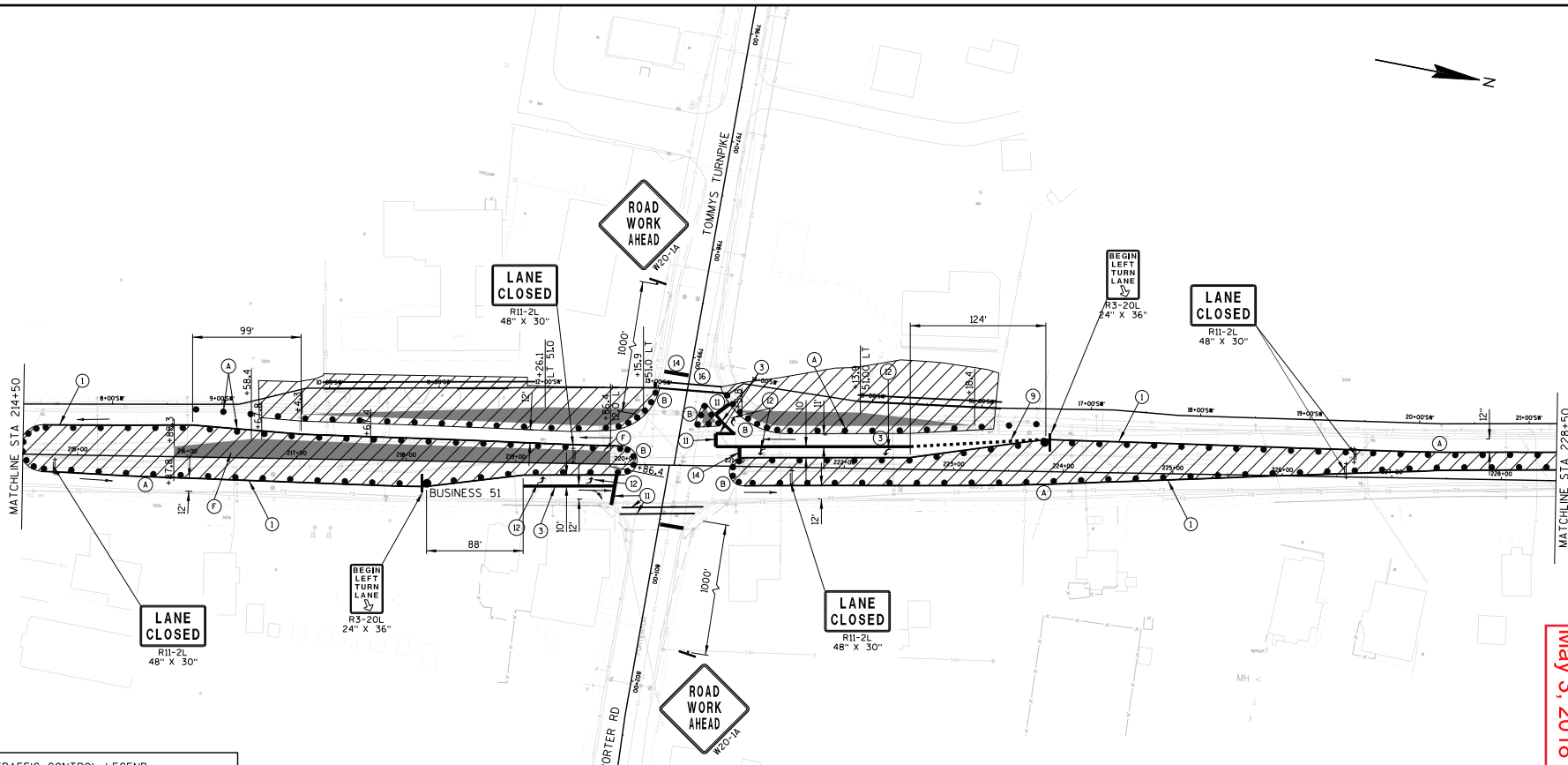
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(11) USE EXISTING PAVEMENT MARKING
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
(16) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1D	SHEET 174E	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025001-tc stage1d.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

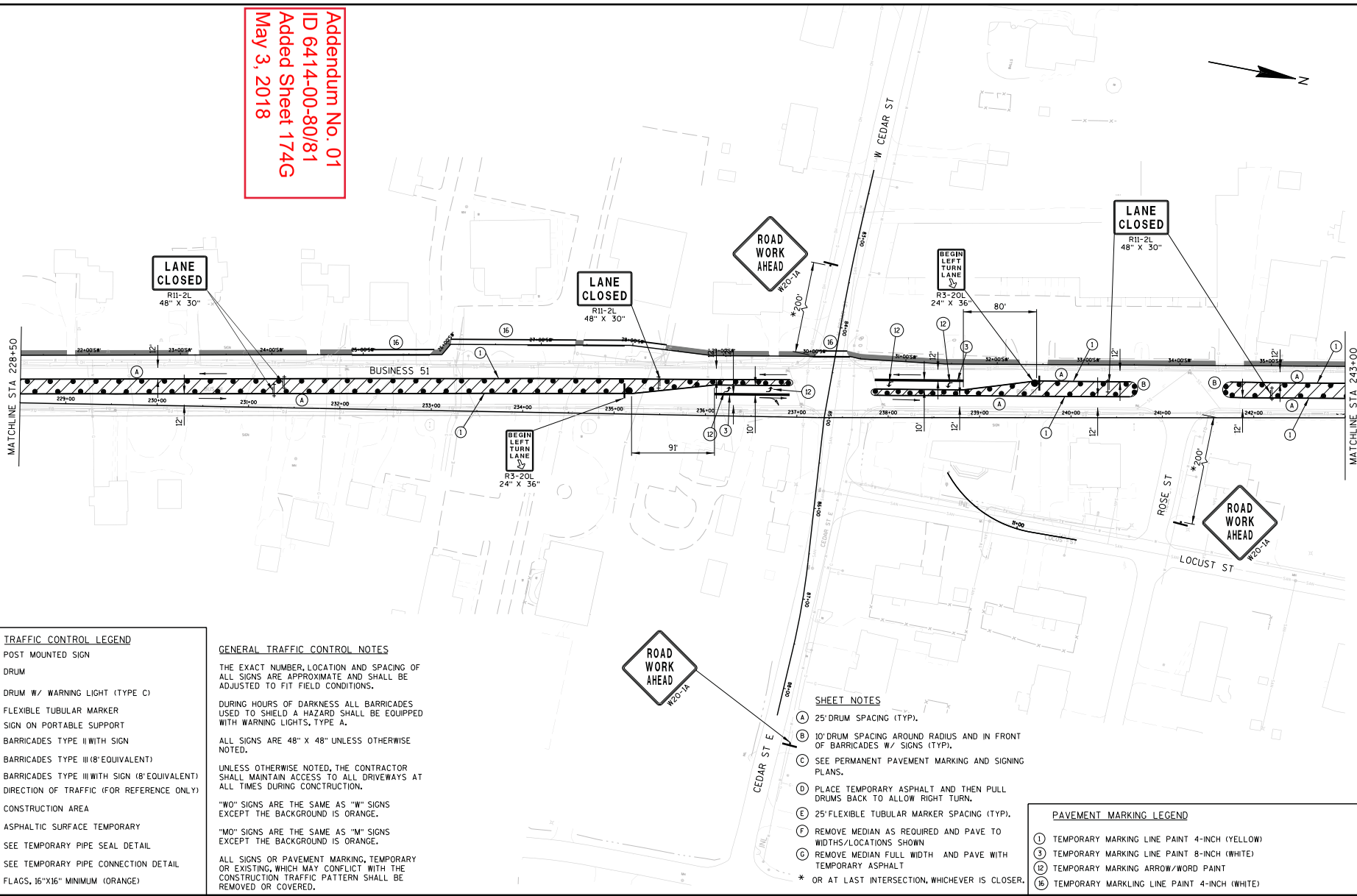
- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
- (11) USE EXISTING PAVEMENT MARKING
- (12) TEMPORARY MARKING ARROW/WORD PAINT
- (14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- (15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 4-INCH (WHITE)
- (16) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174F
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174F	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025002-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174G
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

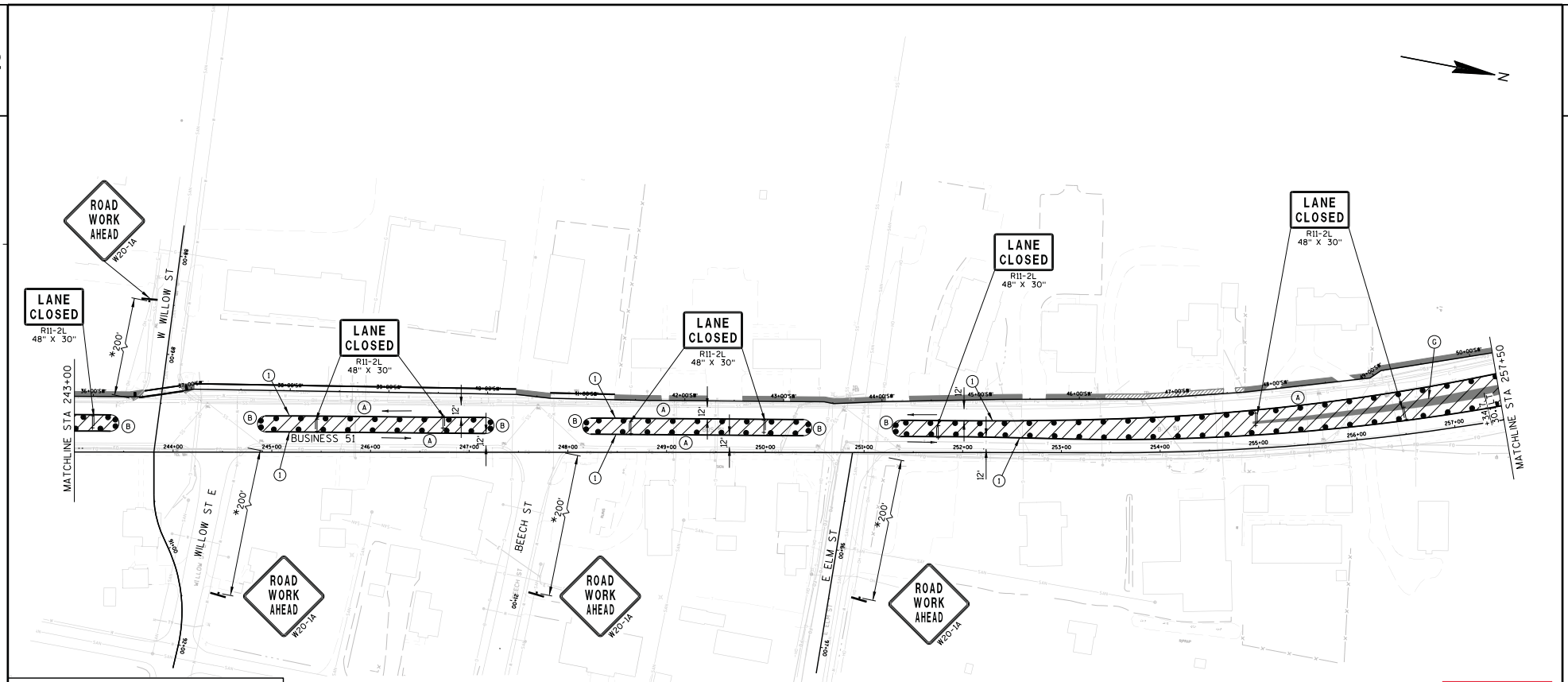
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (12) TEMPORARY MARKING ARROW/WORD PAINT
- (16) TEMPORARY MARKLING LINE PAINT 4-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174G	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025003-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

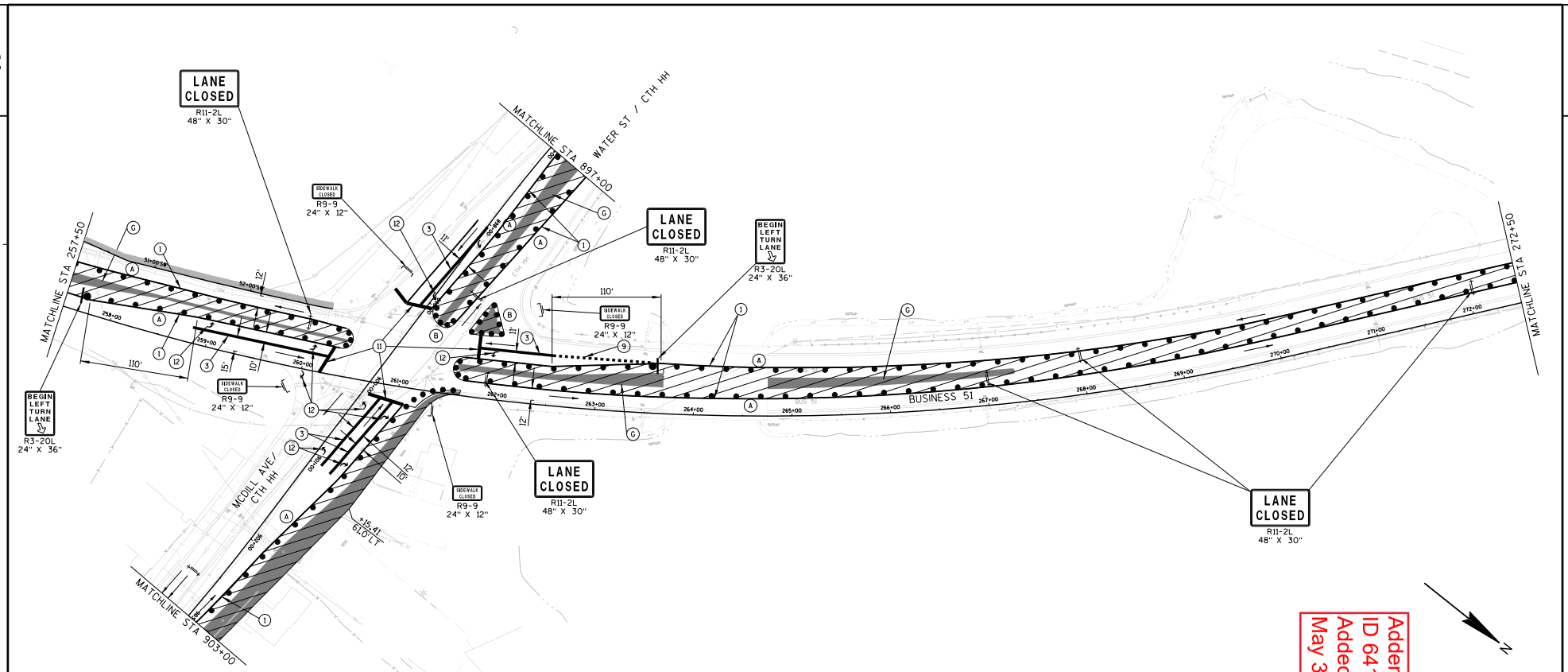
PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174H
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174H	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025004-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174I
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

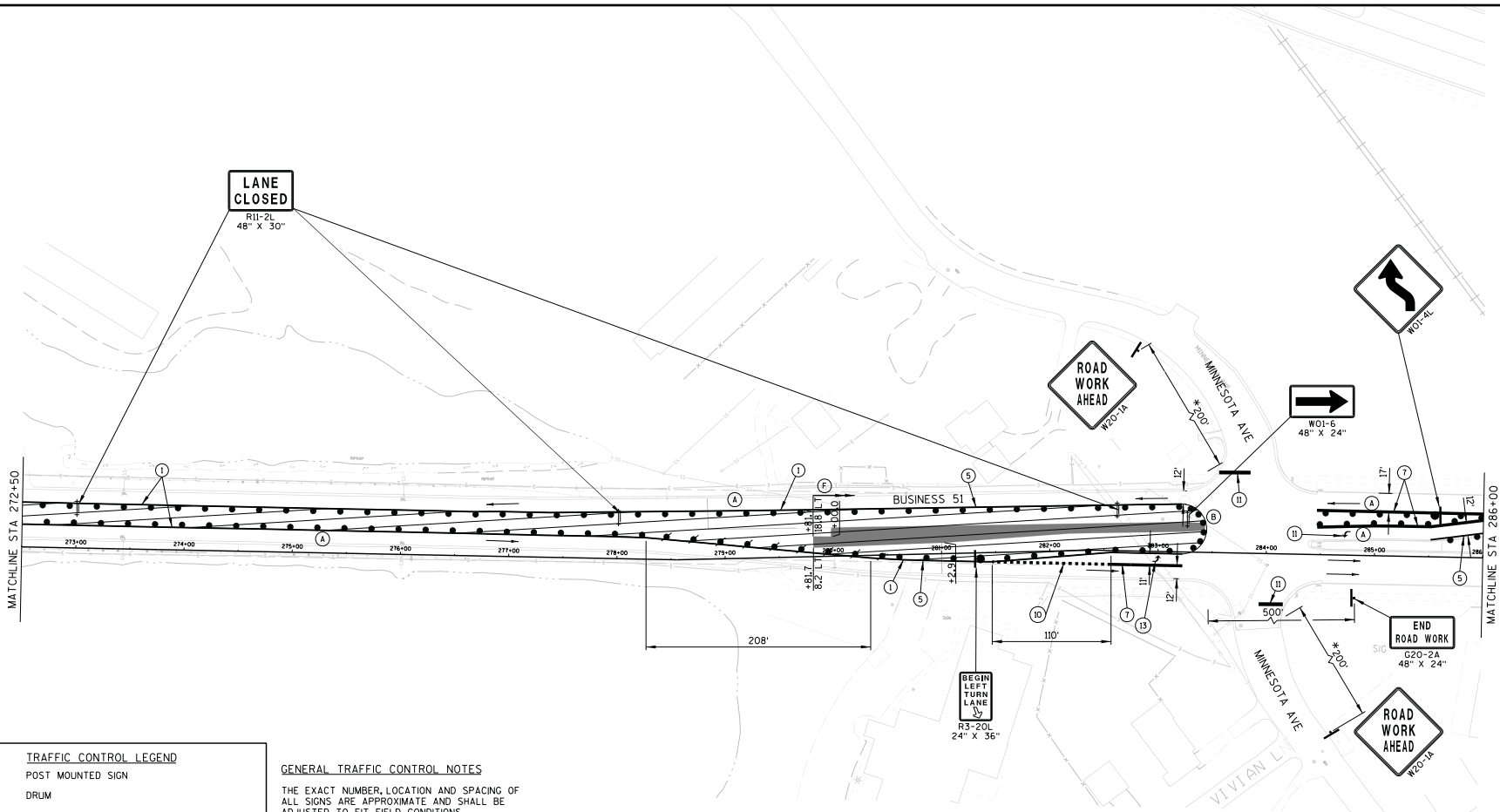
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
- (11) USE EXISTING PAVEMENT MARKING
- (12) TEMPORARY MARKING ARROW/WORD PAINT

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174I	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174J
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

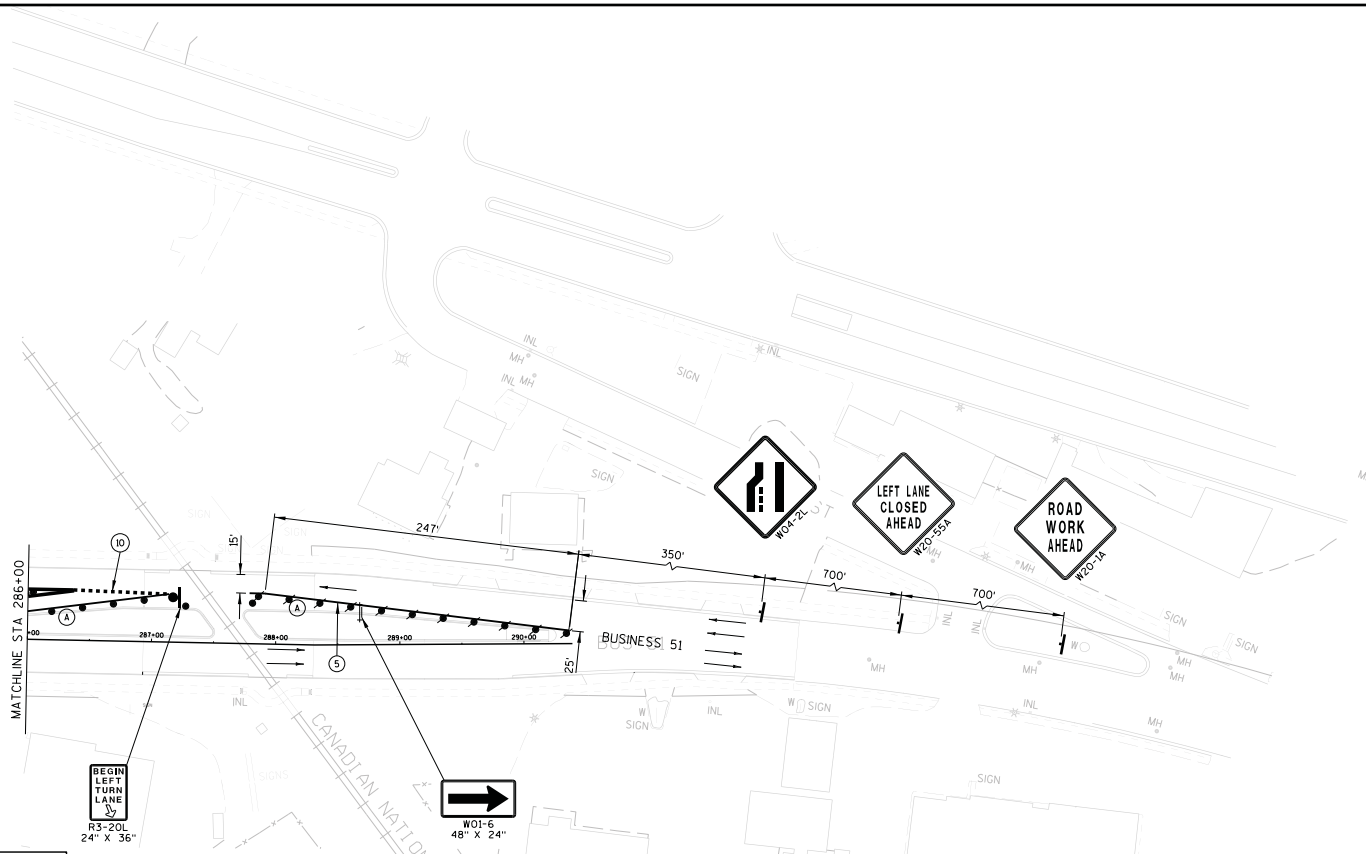
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(11) USE EXISTING PAVEMENT MARKING
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174J	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025006-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



N

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

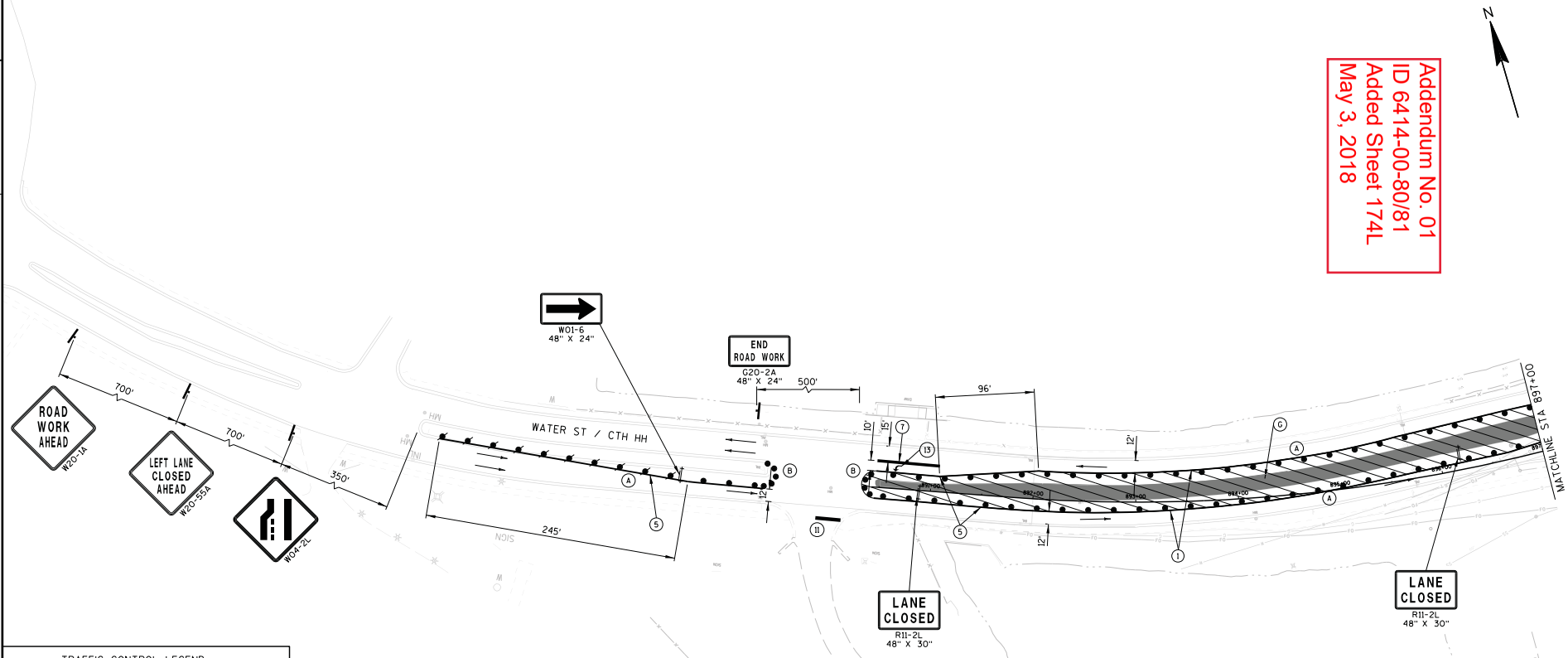
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174K
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174K	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025007-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174L
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

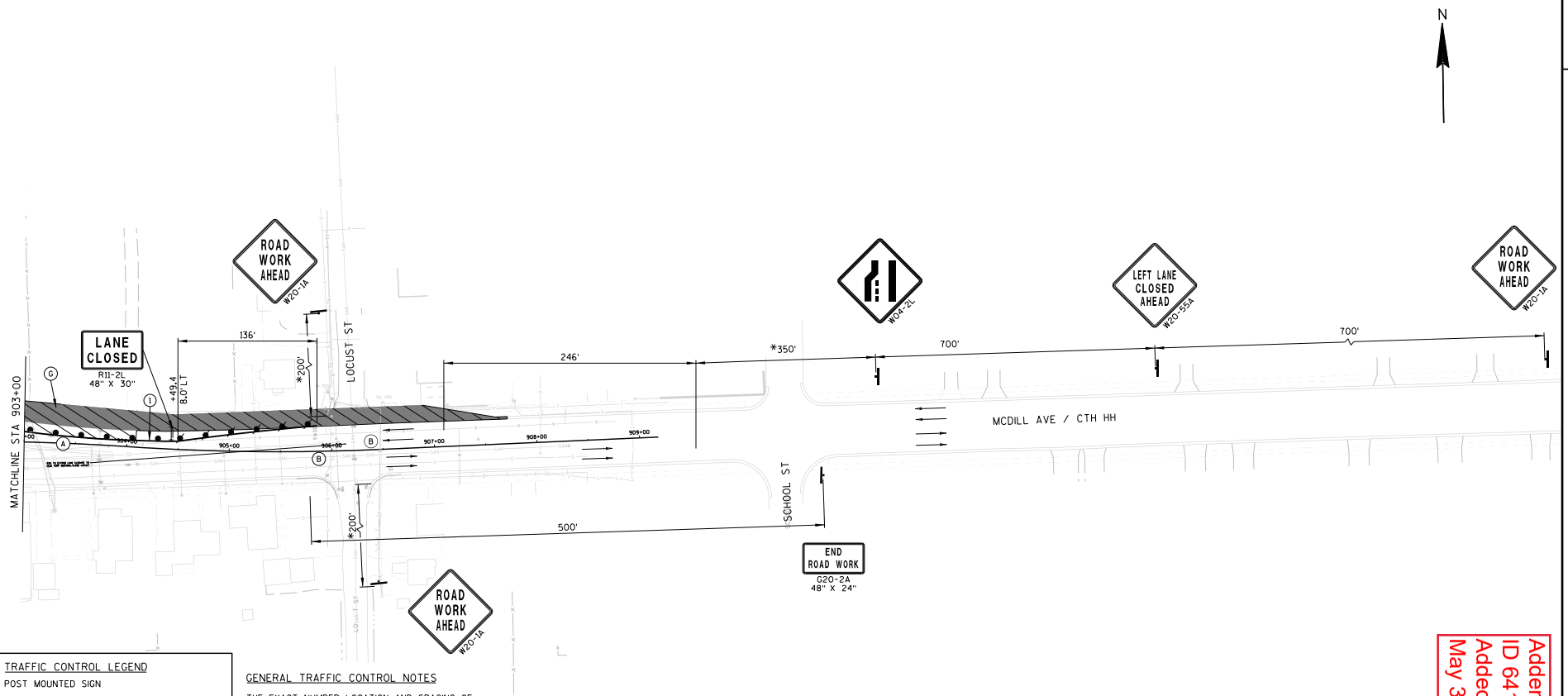
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(11) USE EXISTING PAVEMENT MARKING
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174L	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025008-tc stage1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174M
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

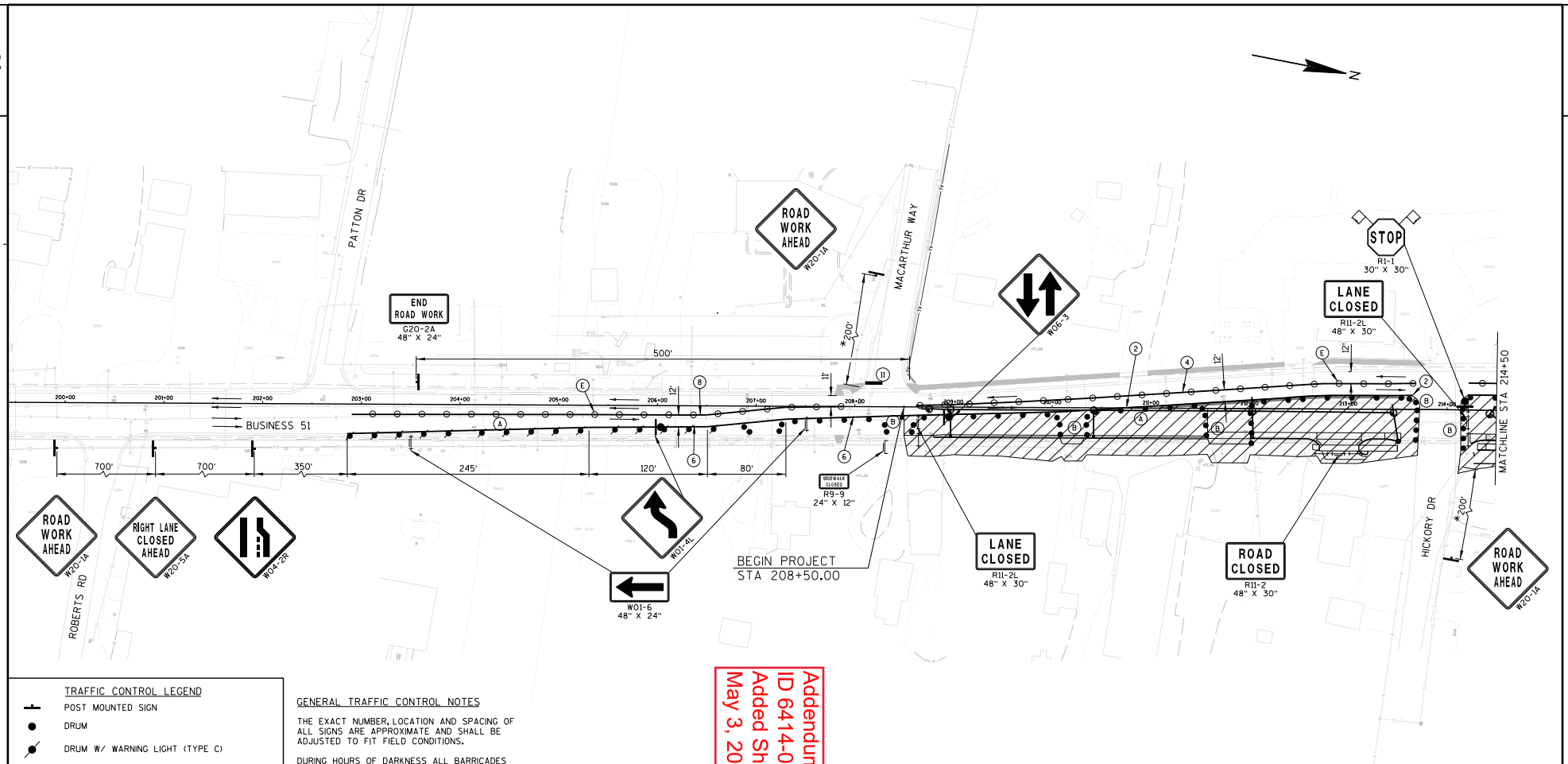
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 1	SHEET 174M	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025009-tc stage1.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



2

2

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174N
May 3, 2018

STAGE 2A DESCRIPTION:

BUSINESS 51 TRAFFIC IS SHIFTED TO THE WEST SIDE WHILE THE EAST SIDE IS CONSTRUCTED. PORTER RD AND WILLOW ST SHALL BE CLOSED WHILE BEING RECONSTRUCTED. CEDAR ST AND ELM ST SHALL REMAIN OPEN TO TRAFFIC.

SHEET NOTES

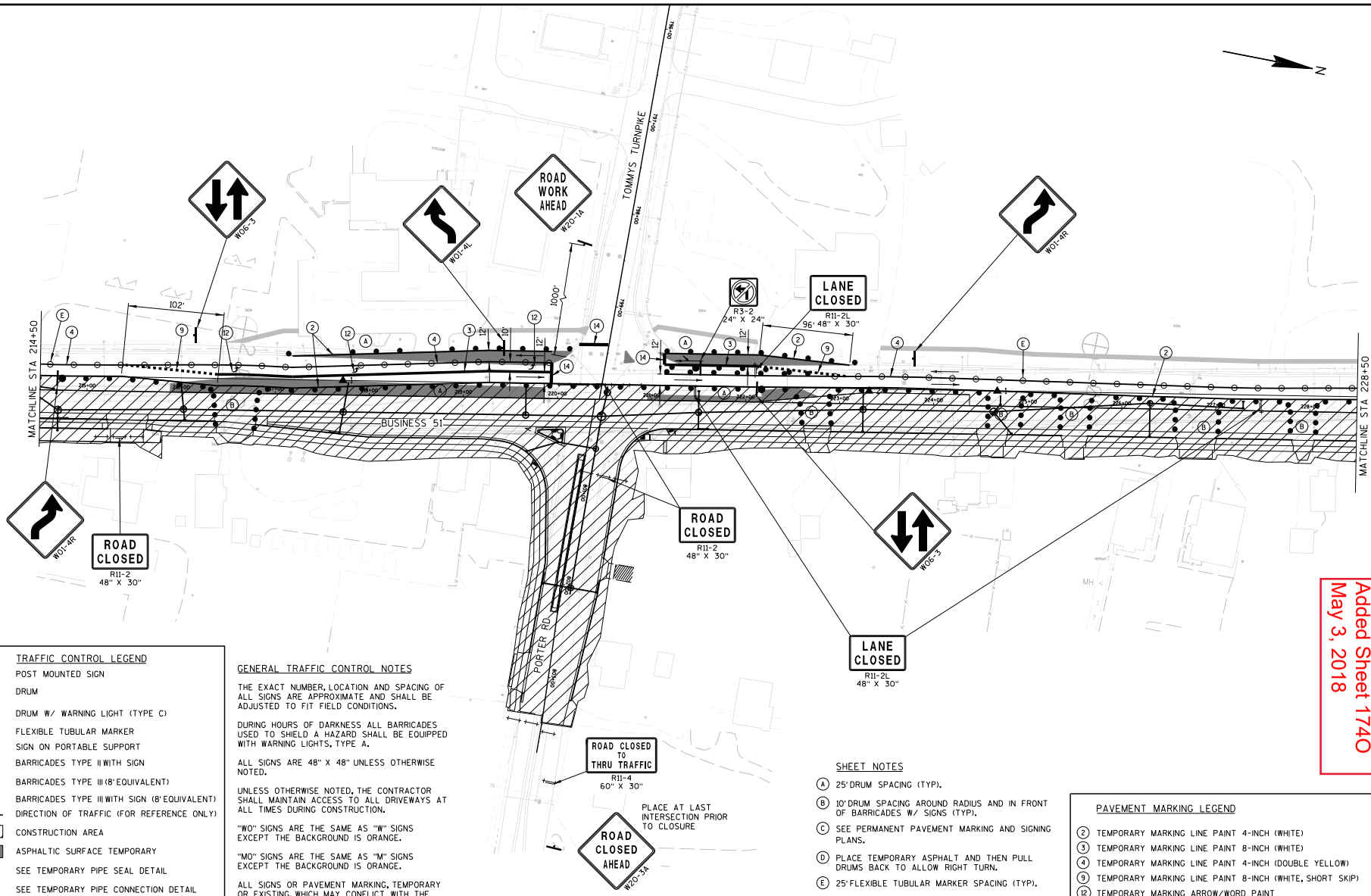
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174N	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025010-tc stage2A.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 1740
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

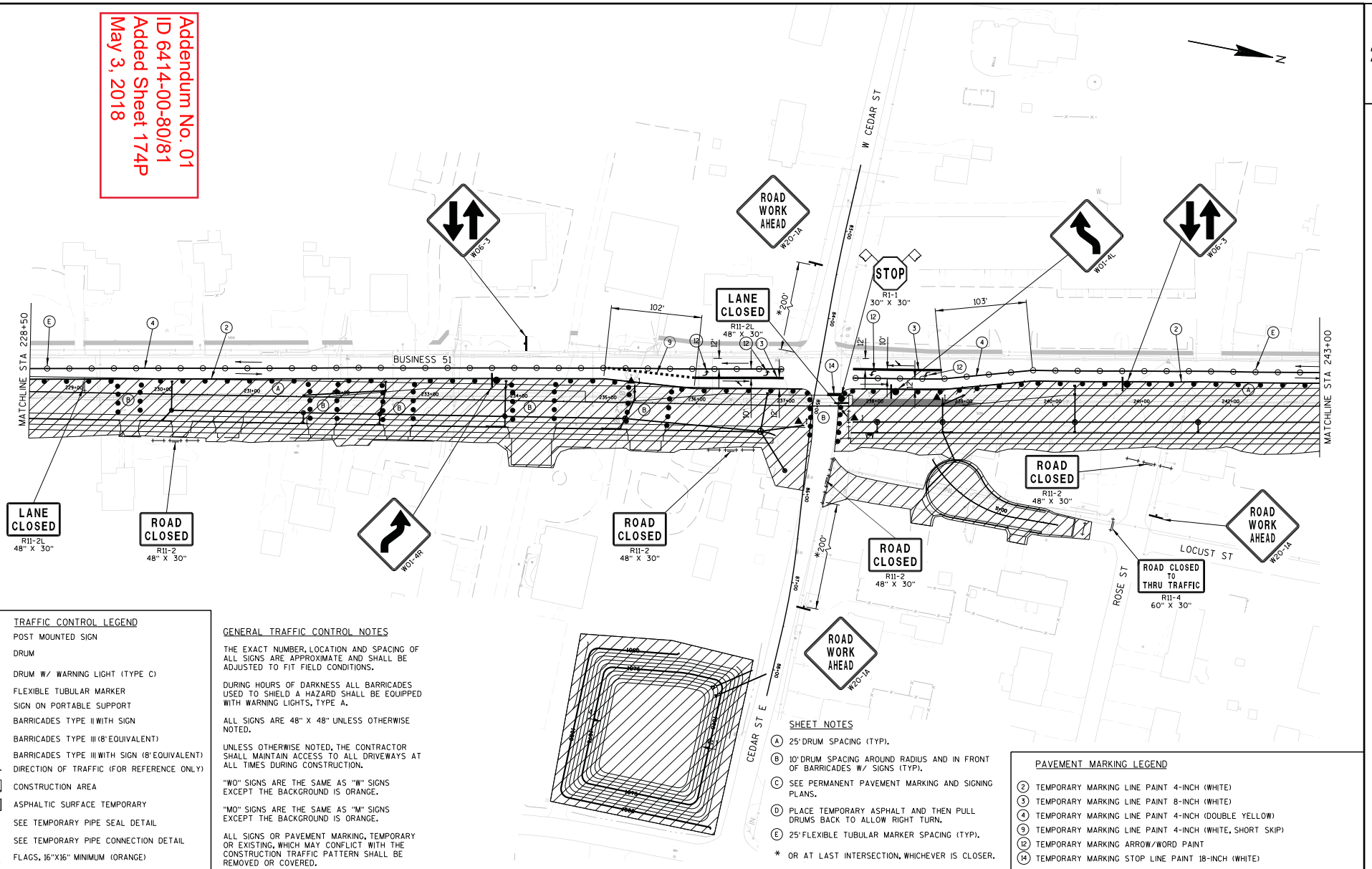
PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(14) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 1740	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025011-tc stage2A.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174P
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

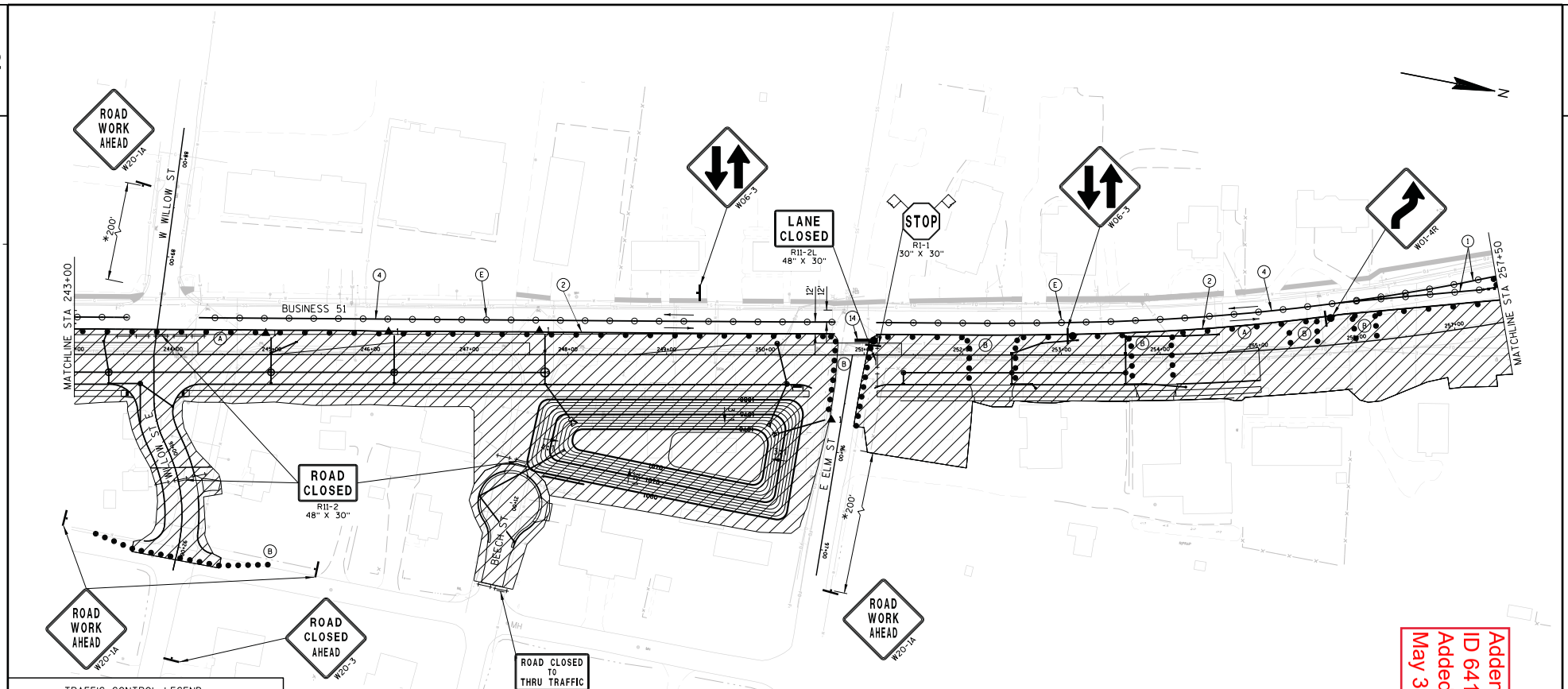
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174P	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

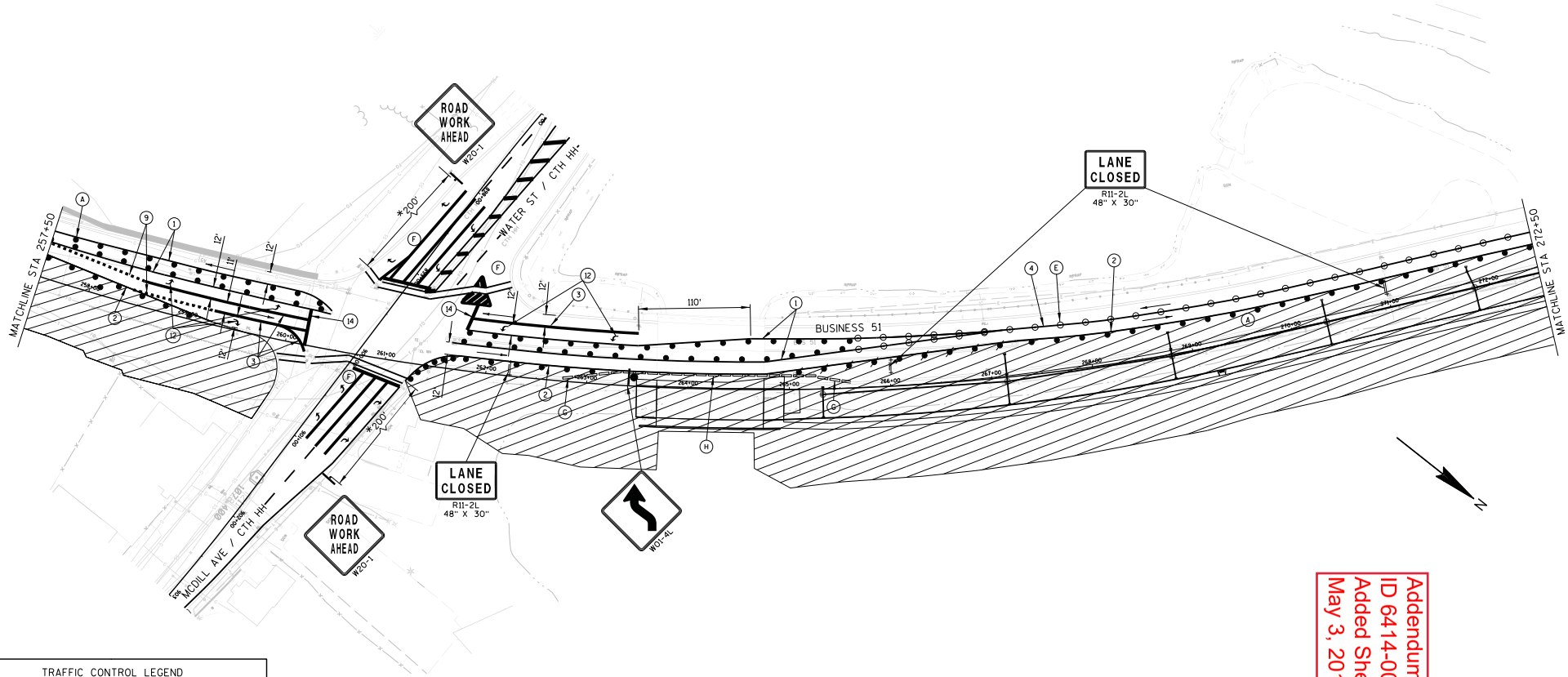
PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174Q
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174Q	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025013-tc stage2A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174R
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REFER TO WINTER SHUT DOWN PLANS FOR PAVEMENT MARKING REQUIREMENTS ON CTH HH DURING STAGES 2A & 2B.

(G) CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED)

(H) CONCRETE BARRIER TEMPORARY PRECAST

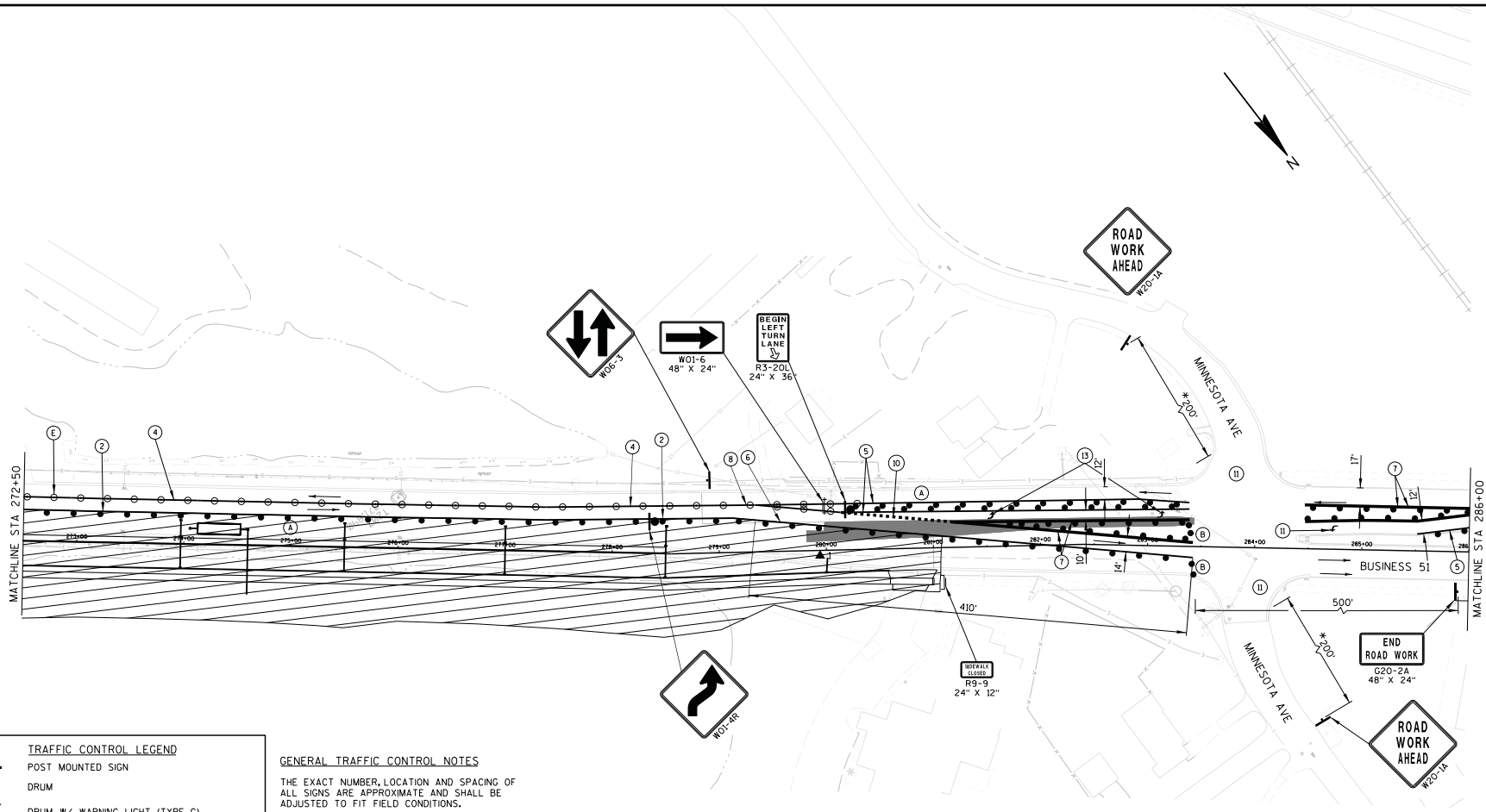
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174R	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025014-tc stage2A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174S
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

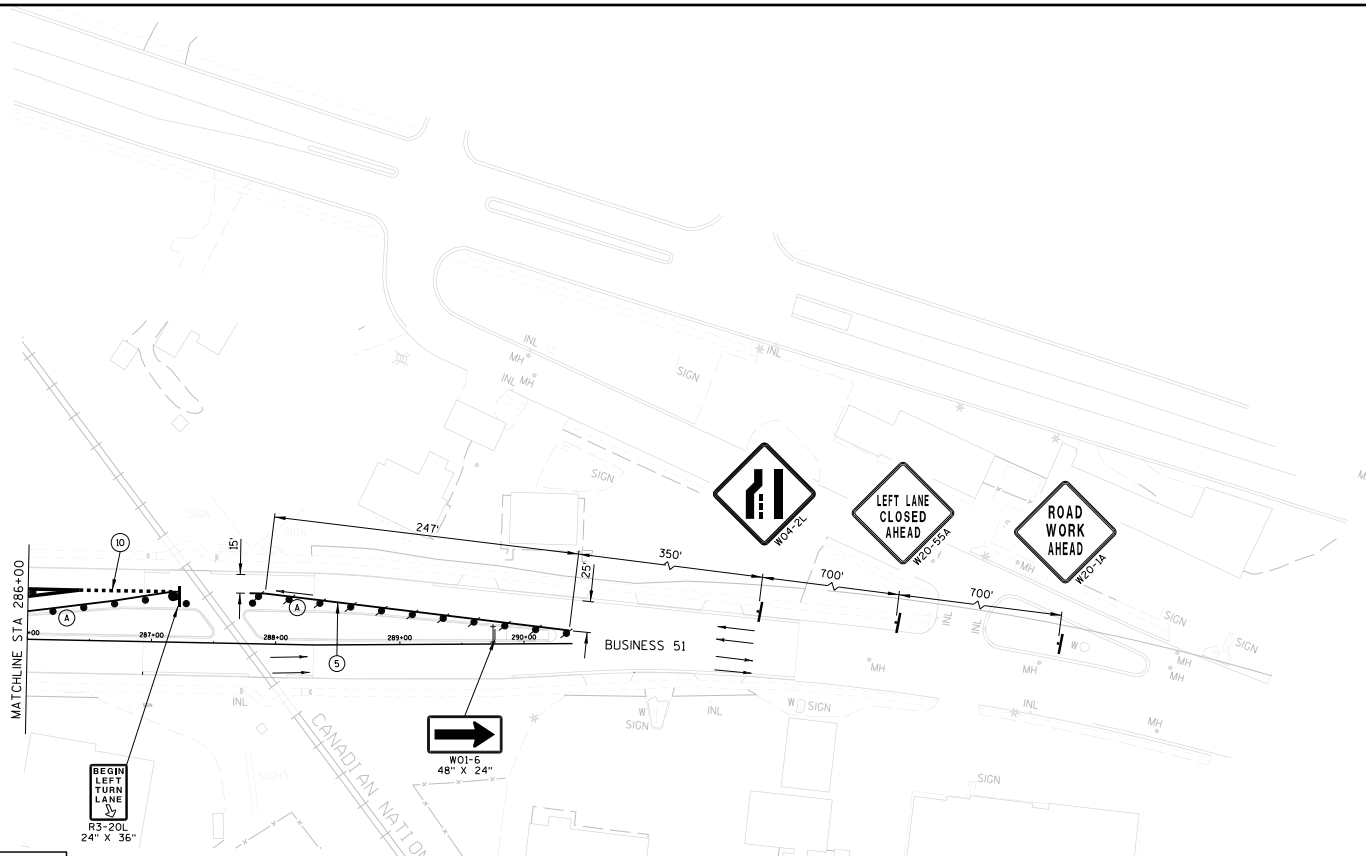
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE, SHORT SKIP)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(11) USE EXISTING PAVEMENT MARKING
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174S	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025015-tc stage2A.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174T
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

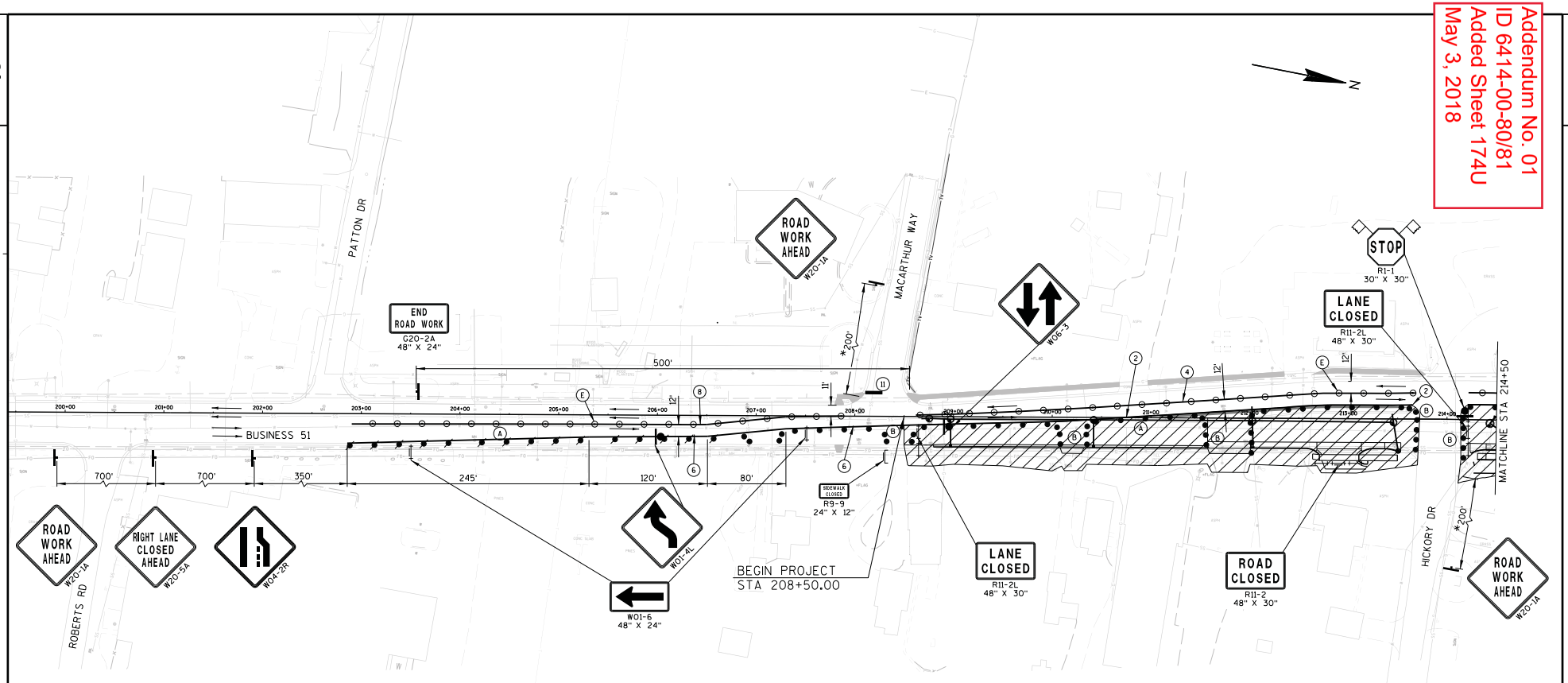
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2A	SHEET 174T	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025016-tc stage2A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174U
May 3, 2018

2



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 2B DESCRIPTION:

BUSINESS 51 TRAFFIC IS CONTROLLED AS IN STAGE 2A. PORTER RD AND WILLOW ST ARE OPEN TO TRAFFIC WHILE CEDAR ST, HICKORY DR AND ELM ST ARE CLOSED FOR CONSTRUCTION.

SHEET NOTES

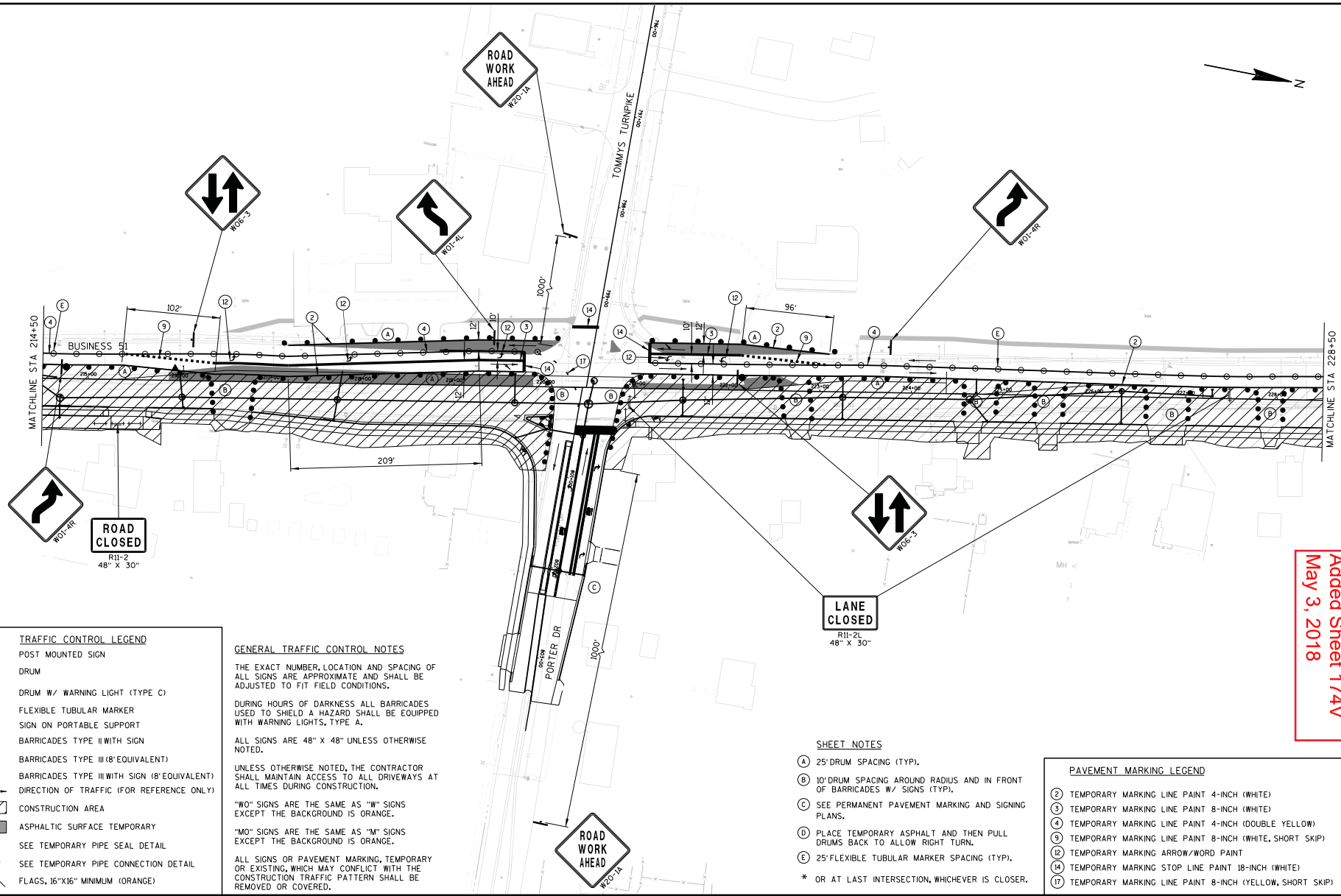
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174U	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025019-tc stage2B.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$
WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

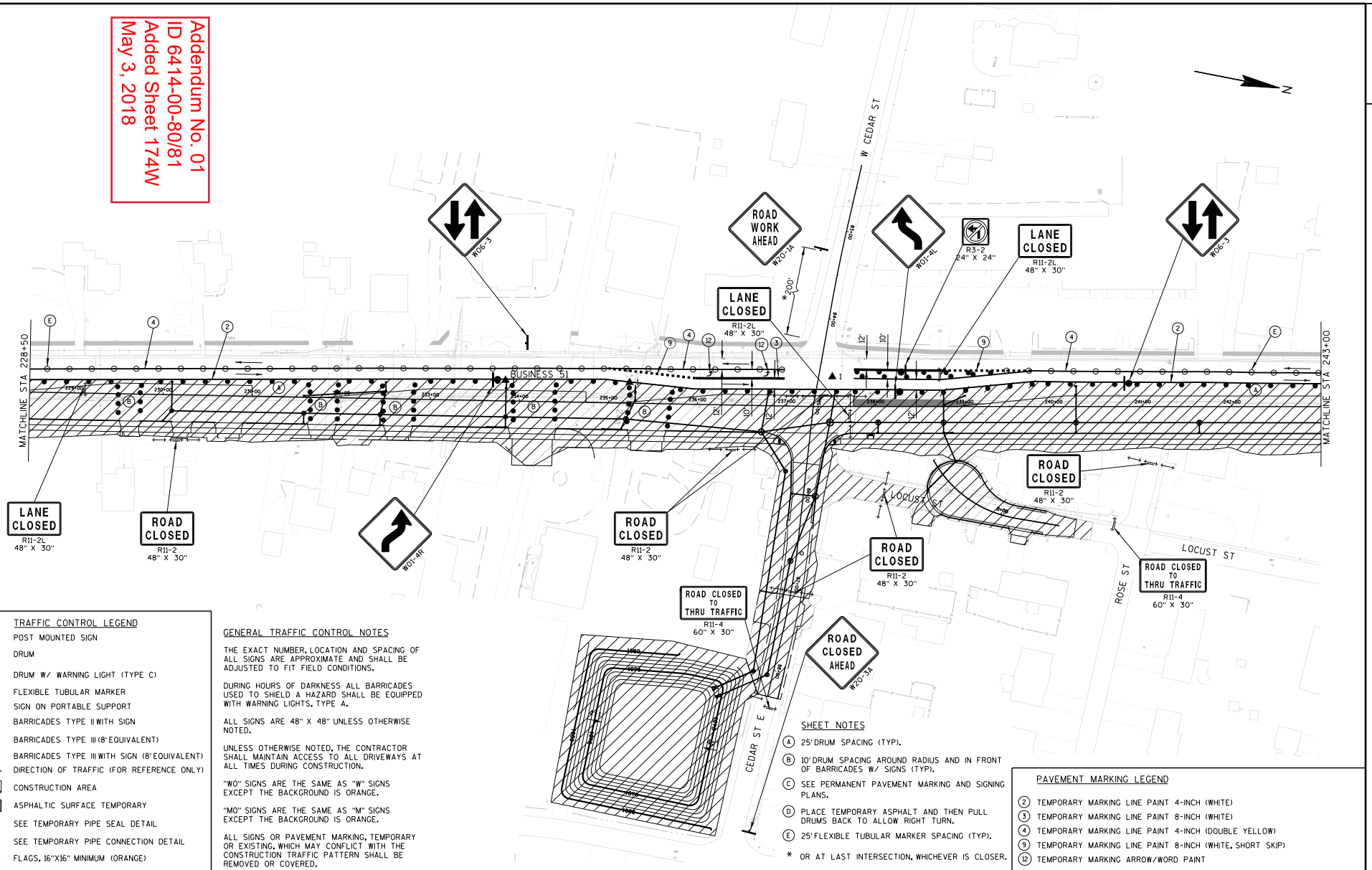
PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
(17) TEMPORARY MARKING LINE PAINT 8-INCH (YELLOW, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174V
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174V	E

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174W
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

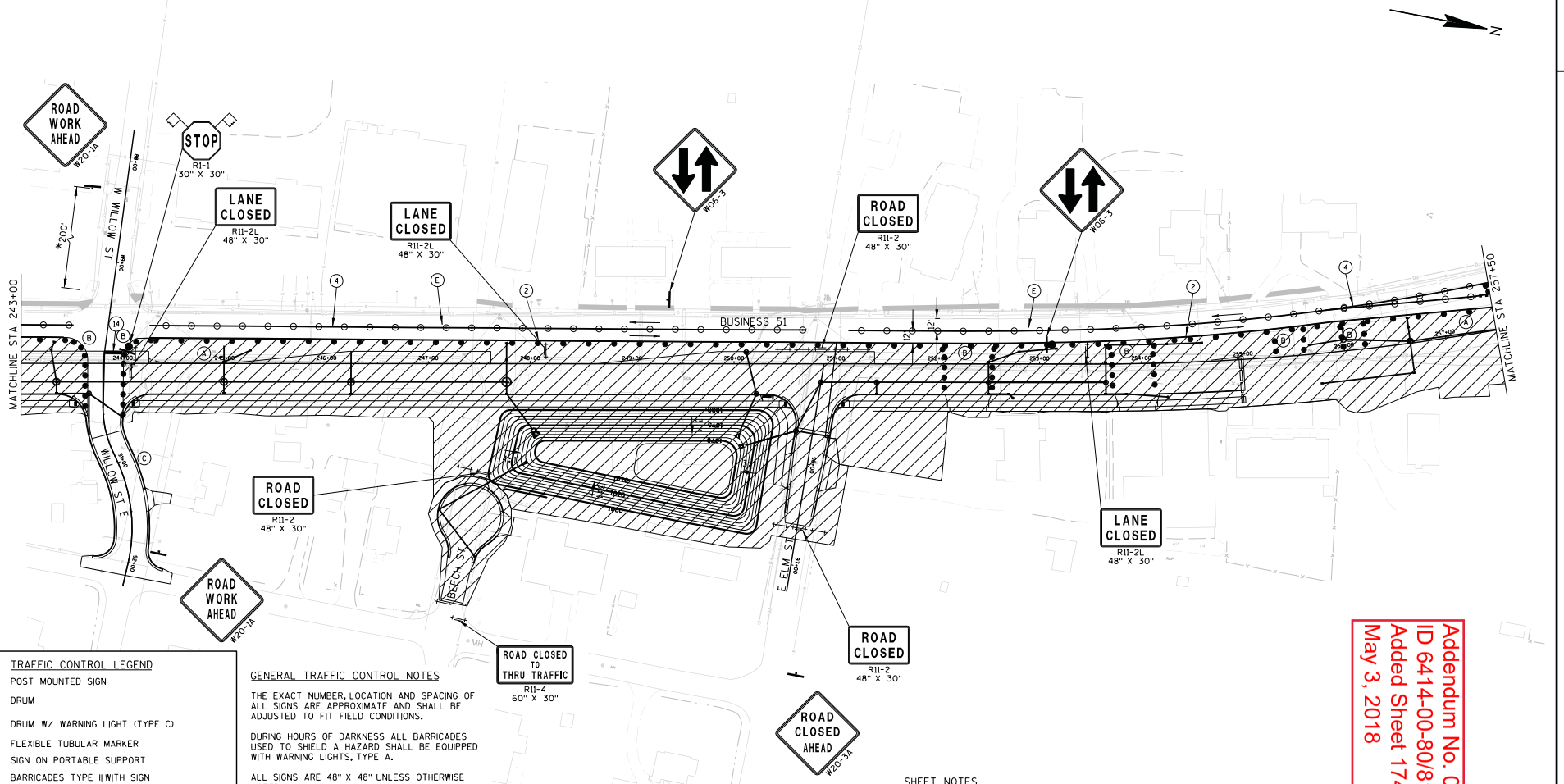
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- (4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
- (12) TEMPORARY MARKING ARROW/WORD PAINT

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174W	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025021-tc stage2B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174X
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

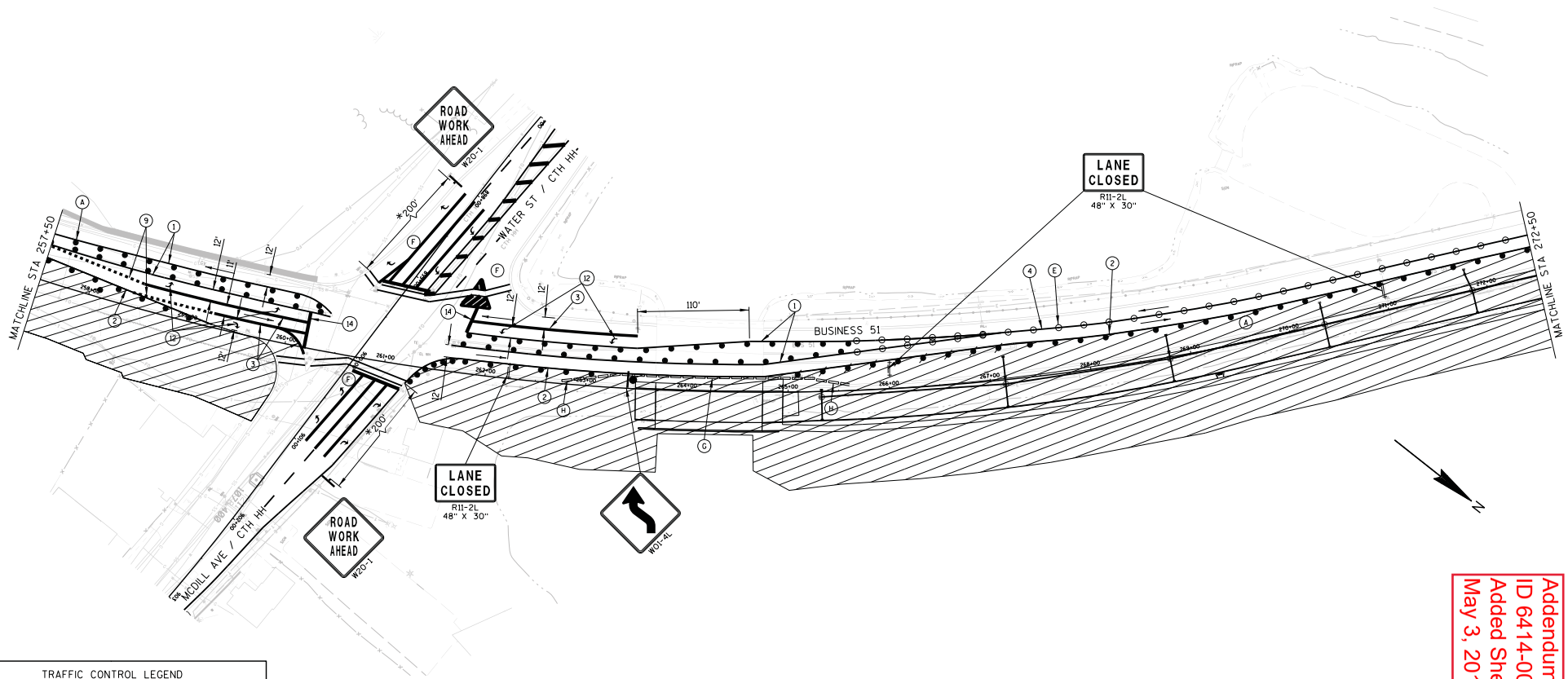
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(14) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174X	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025022-tc stage2B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174Y
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REFER TO WINTER SHUT DOWN PLANS FOR PAVEMENT MARKING REQUIREMENTS ON CTH HH DURING STAGES 2A & 2B.

(G) CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED)

(H) CONCRETE BARRIER TEMPORARY PRECAST

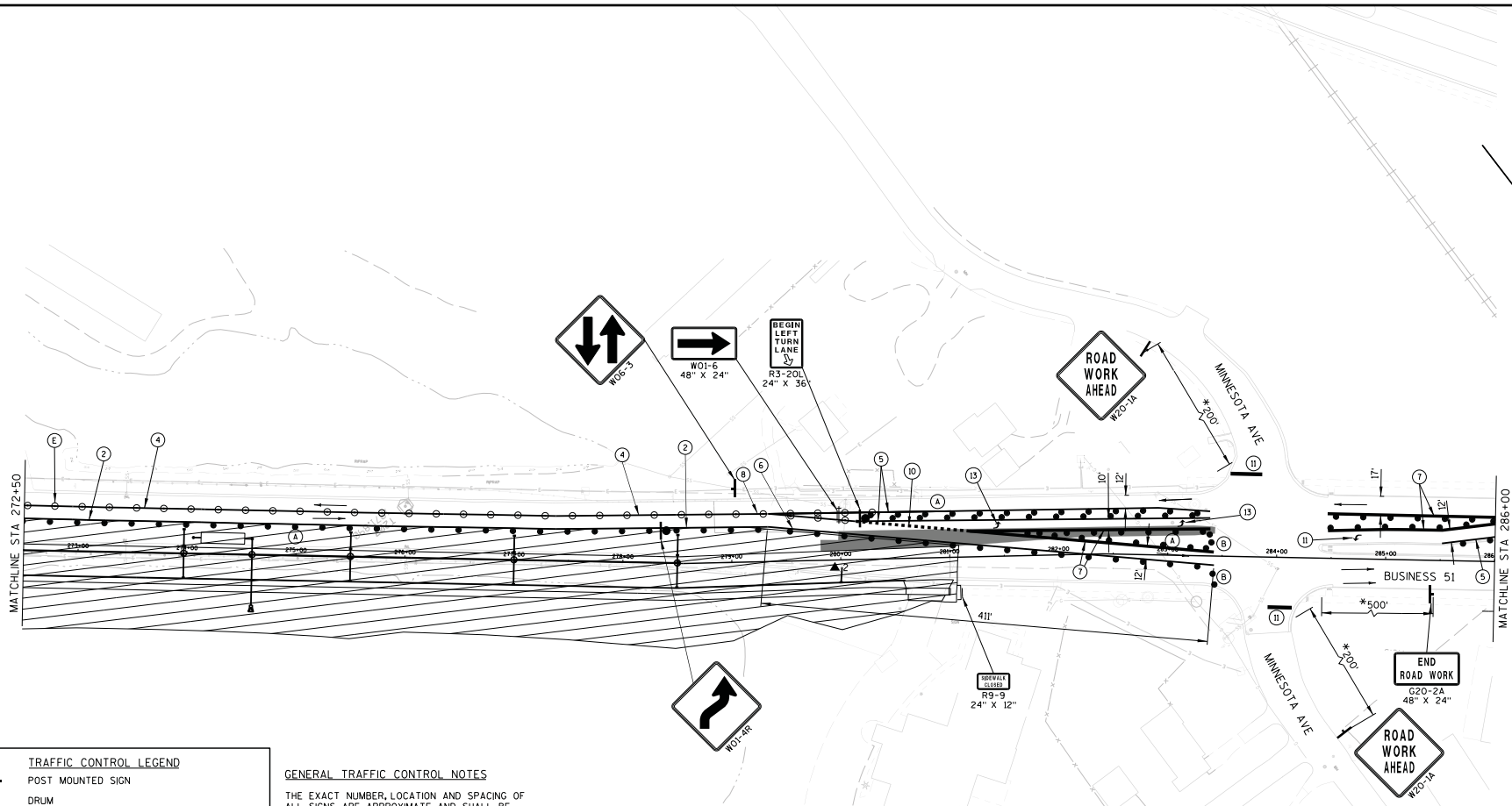
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174Y	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025023-tc stage2B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174Z
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

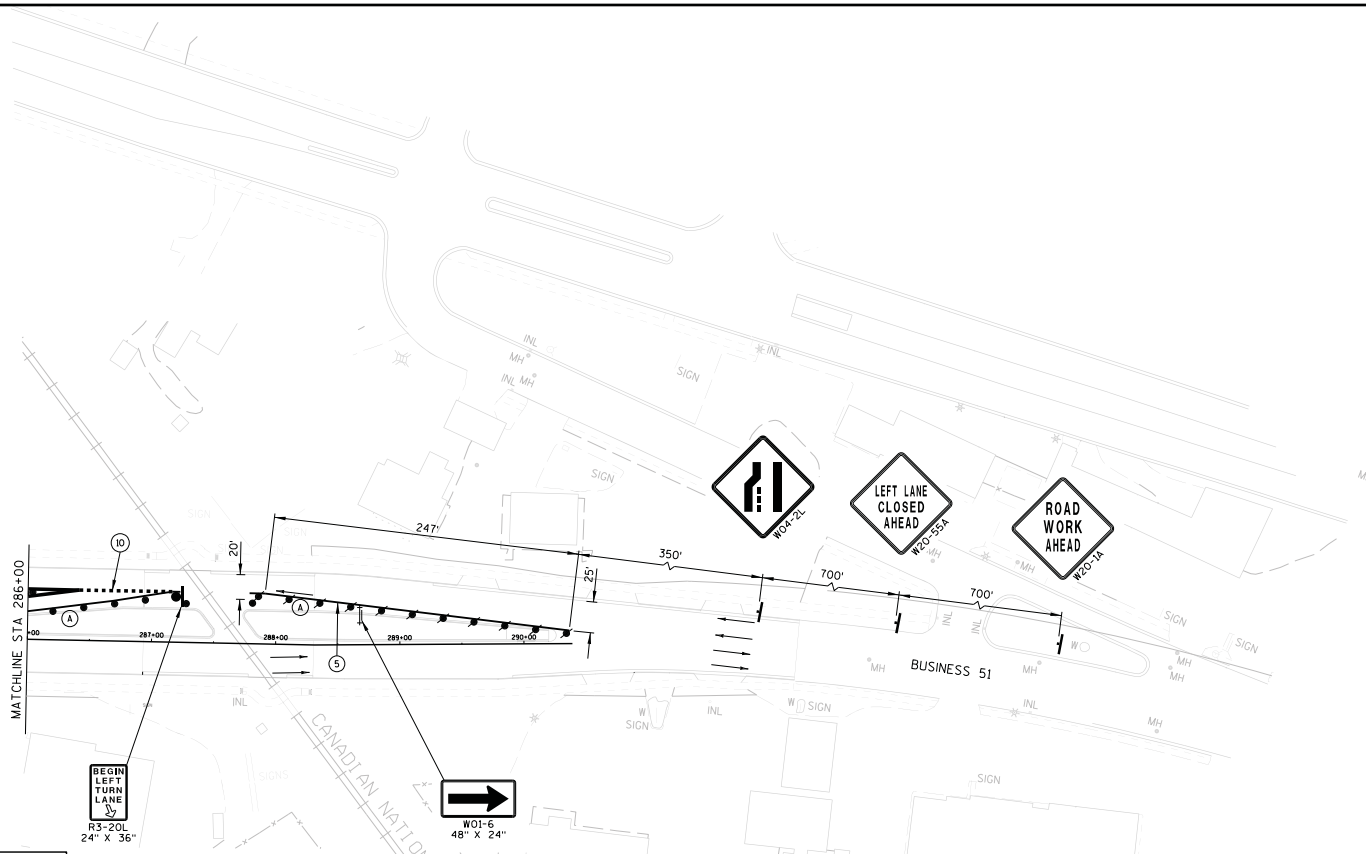
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (11) USE EXISTING PAVEMENT MARKING
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174Z	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AA
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 2B	SHEET 174AA	E

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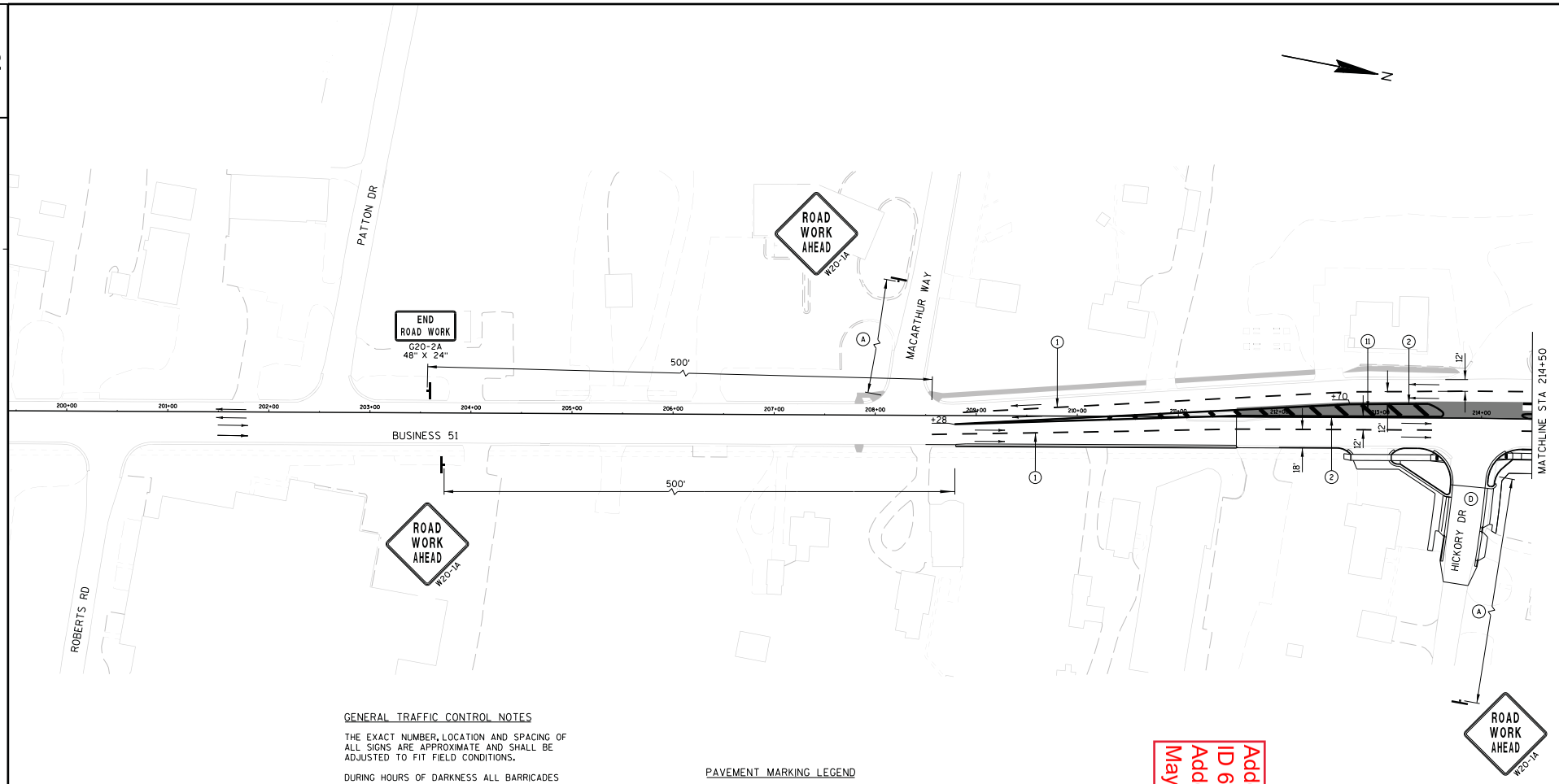


TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

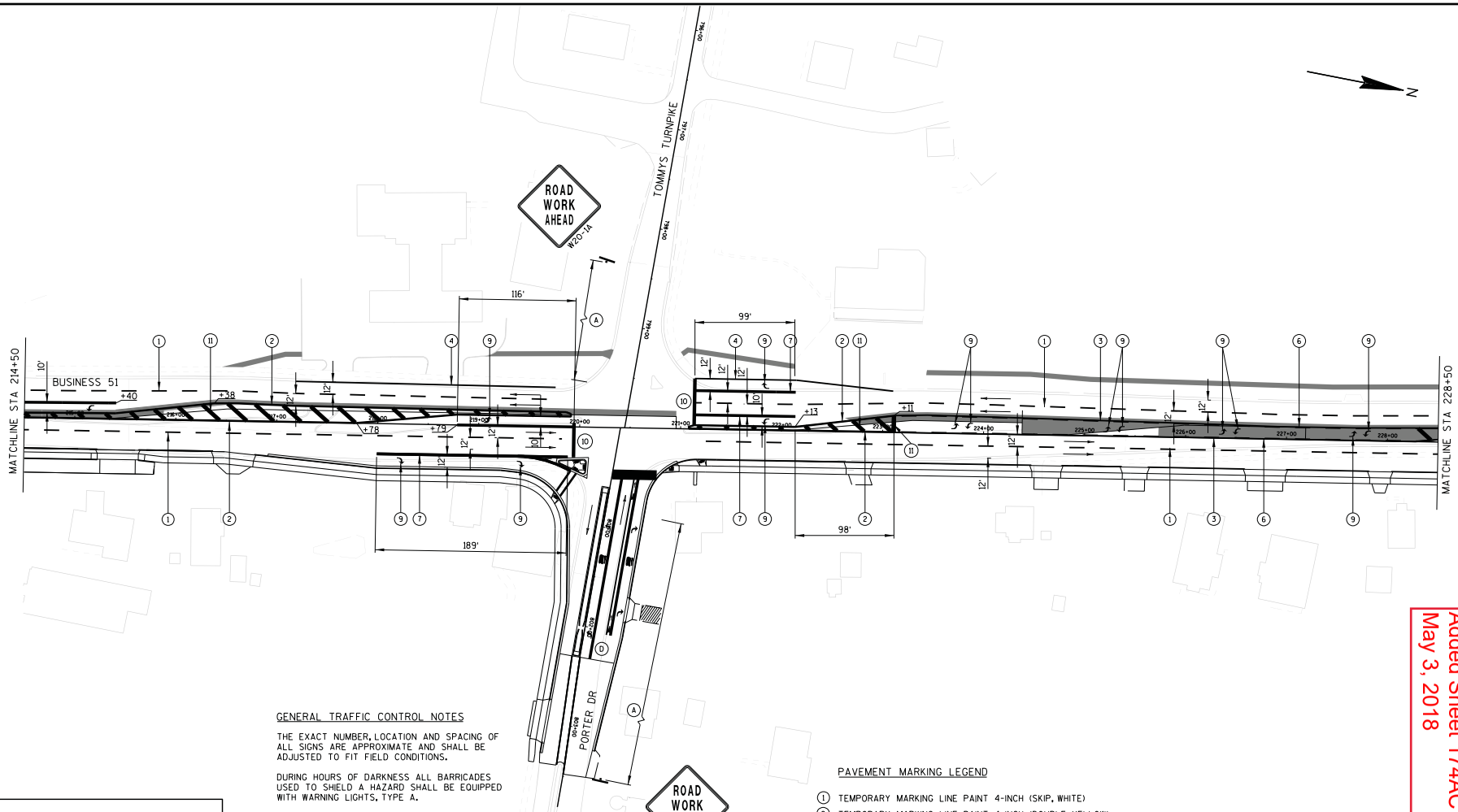
1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AB
May 3, 2018

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AB	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

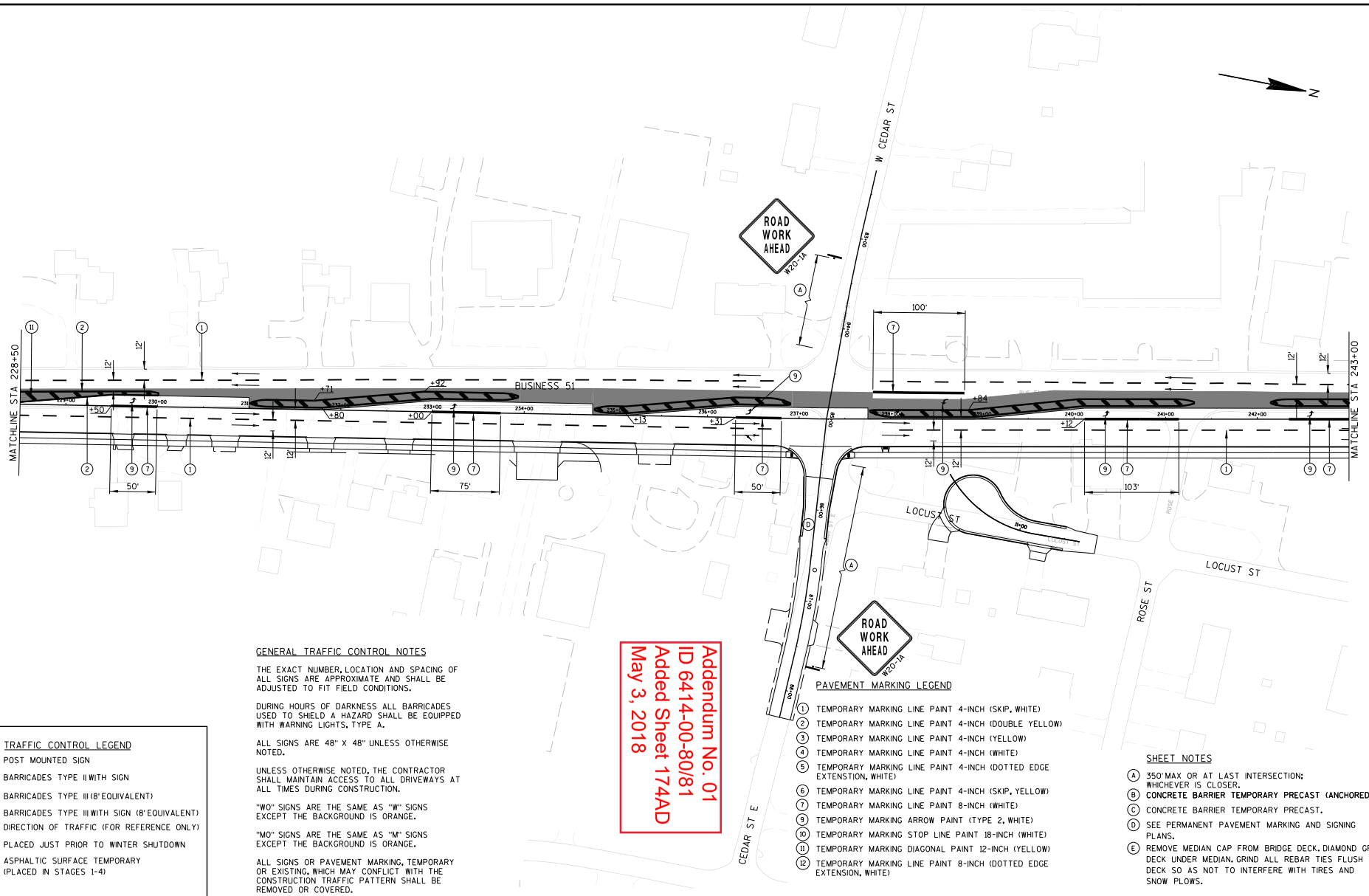
1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AC
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AC	E



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AD
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AD	E

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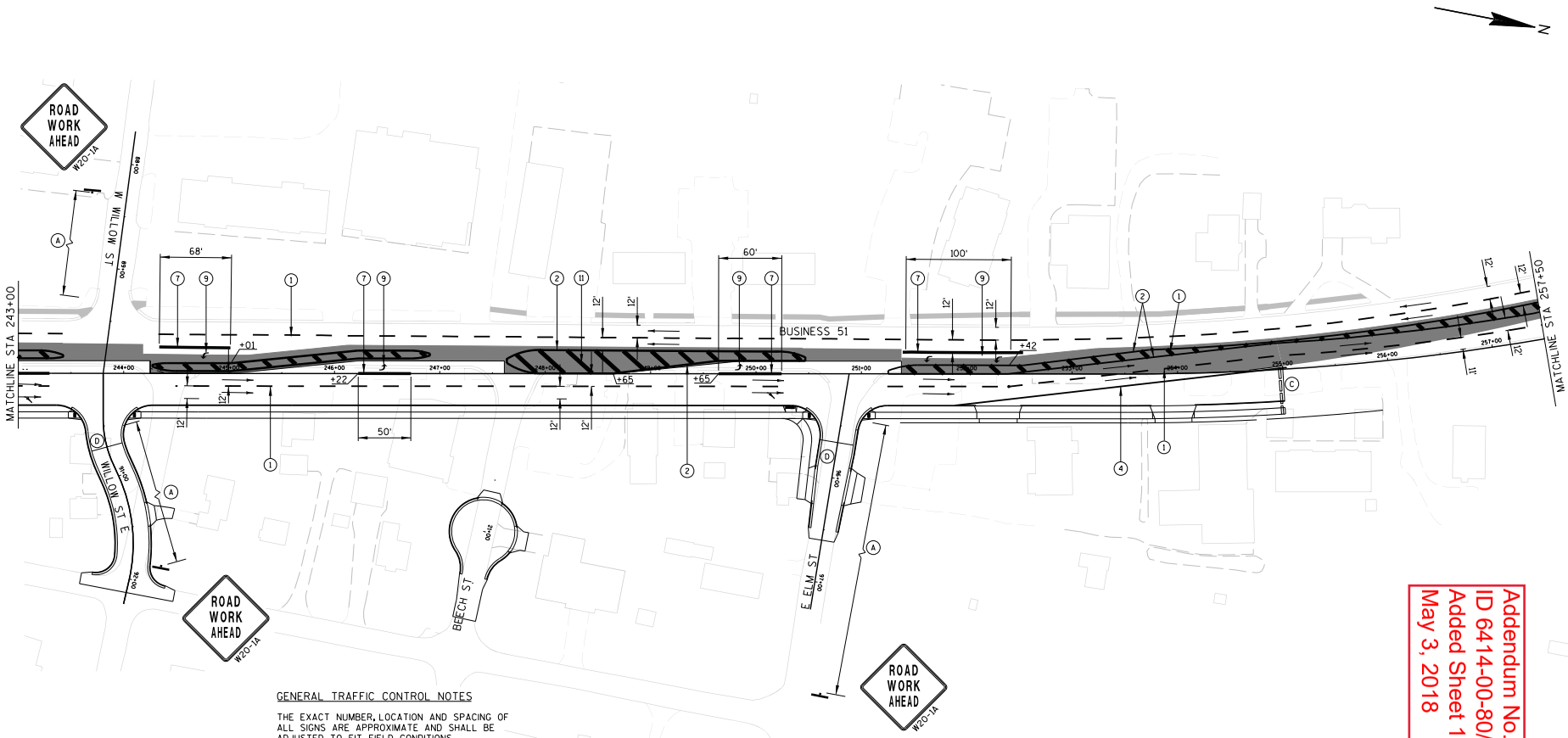

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
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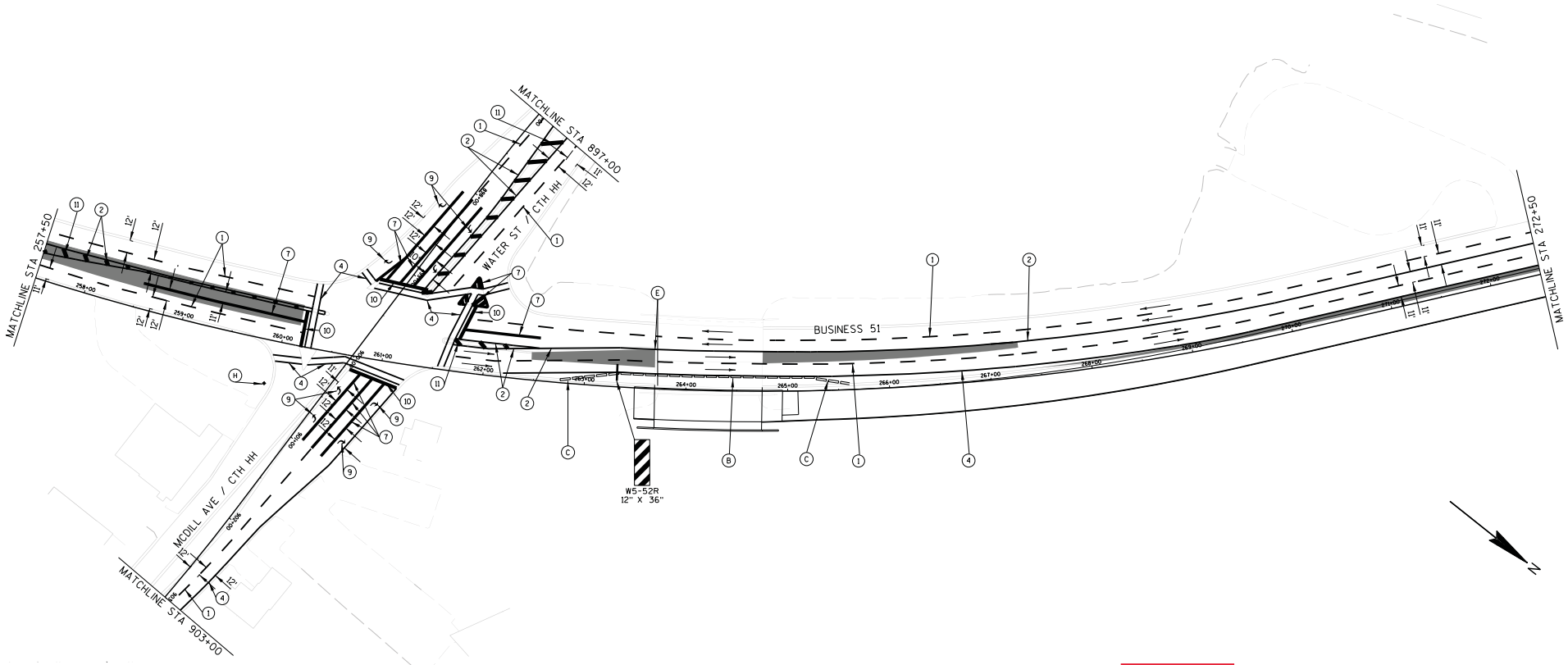
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AE
May 3, 2018

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED)**
- (C) CONCRETE BARRIER TEMPORARY PRECAST
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AE	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AF
May 3, 2018

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.
- (F) PLACE CONCRETE BARRIER AT 45° AT CORNER.
- (G) TEMPORARY SIDEWALK PLACED JUST PRIOR TO WINTER SHUT DOWN.
- (H) PUSH BUTTON CROSSWALK ACTIVATION BUTTON MOUNTED TO TEMPORARY SUPPORT.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AF	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\026005-tc Winter shut down.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

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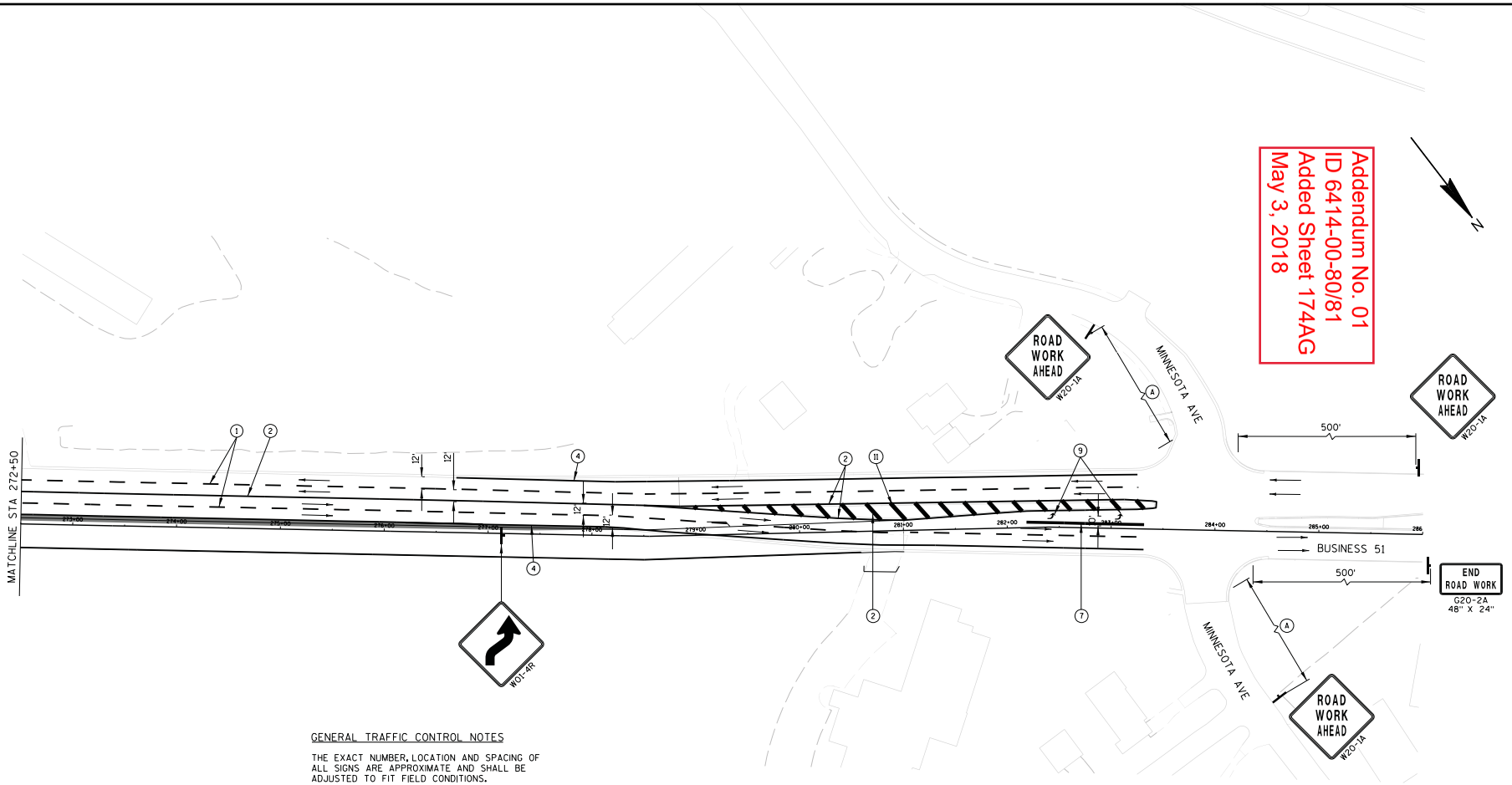
Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AG
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
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10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
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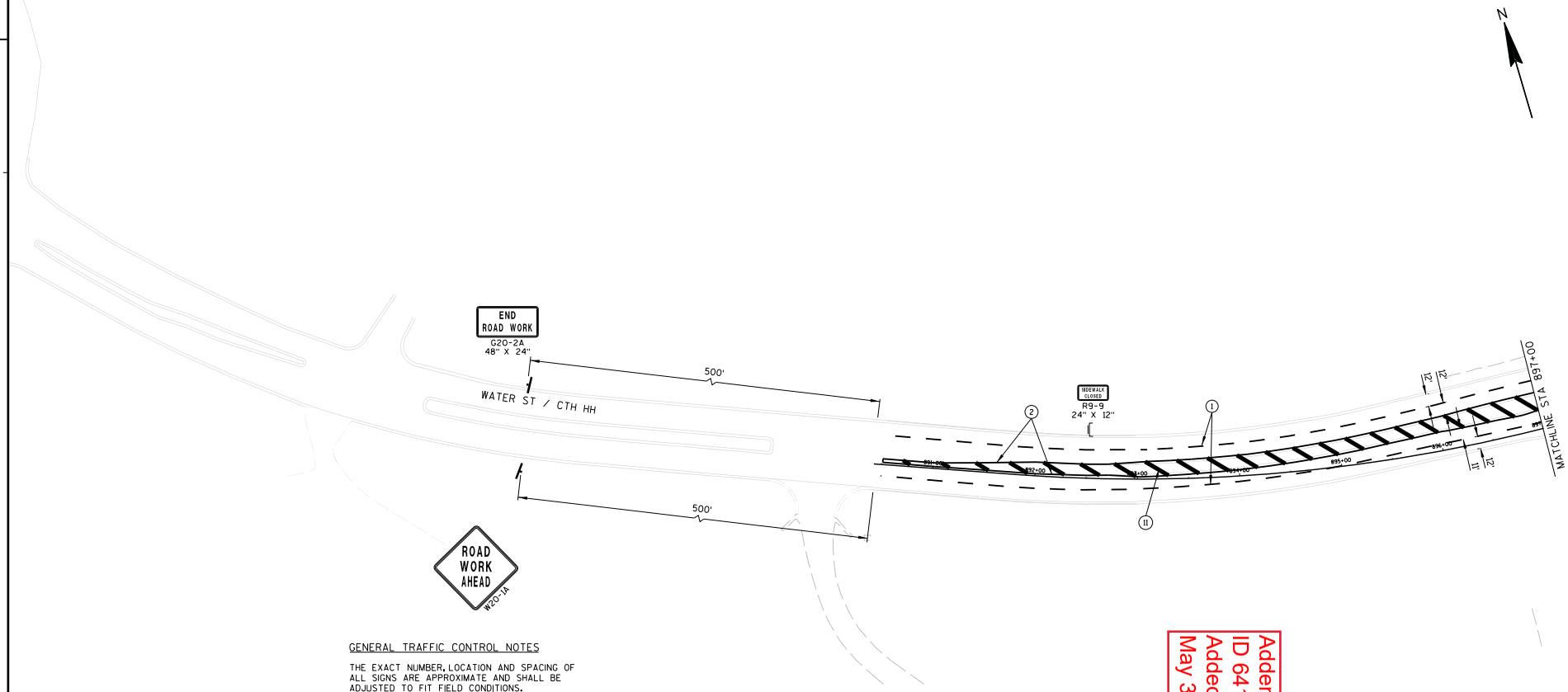
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AG	E



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TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AH
May 3, 2018

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED)**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AH	E

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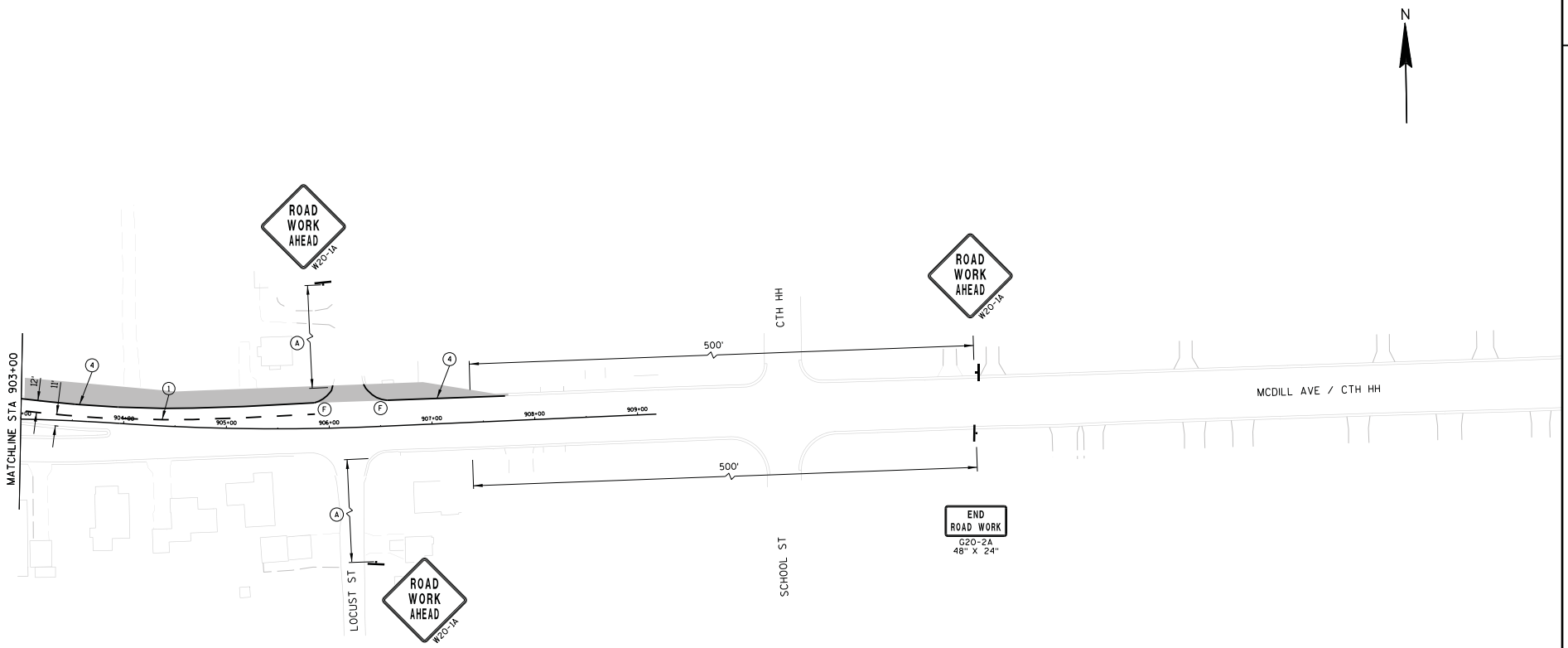


TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- PLACED JUST PRIOR TO WINTER SHUTDOWN
- ASPHALTIC SURFACE TEMPORARY (PLACED IN STAGES 1-4)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

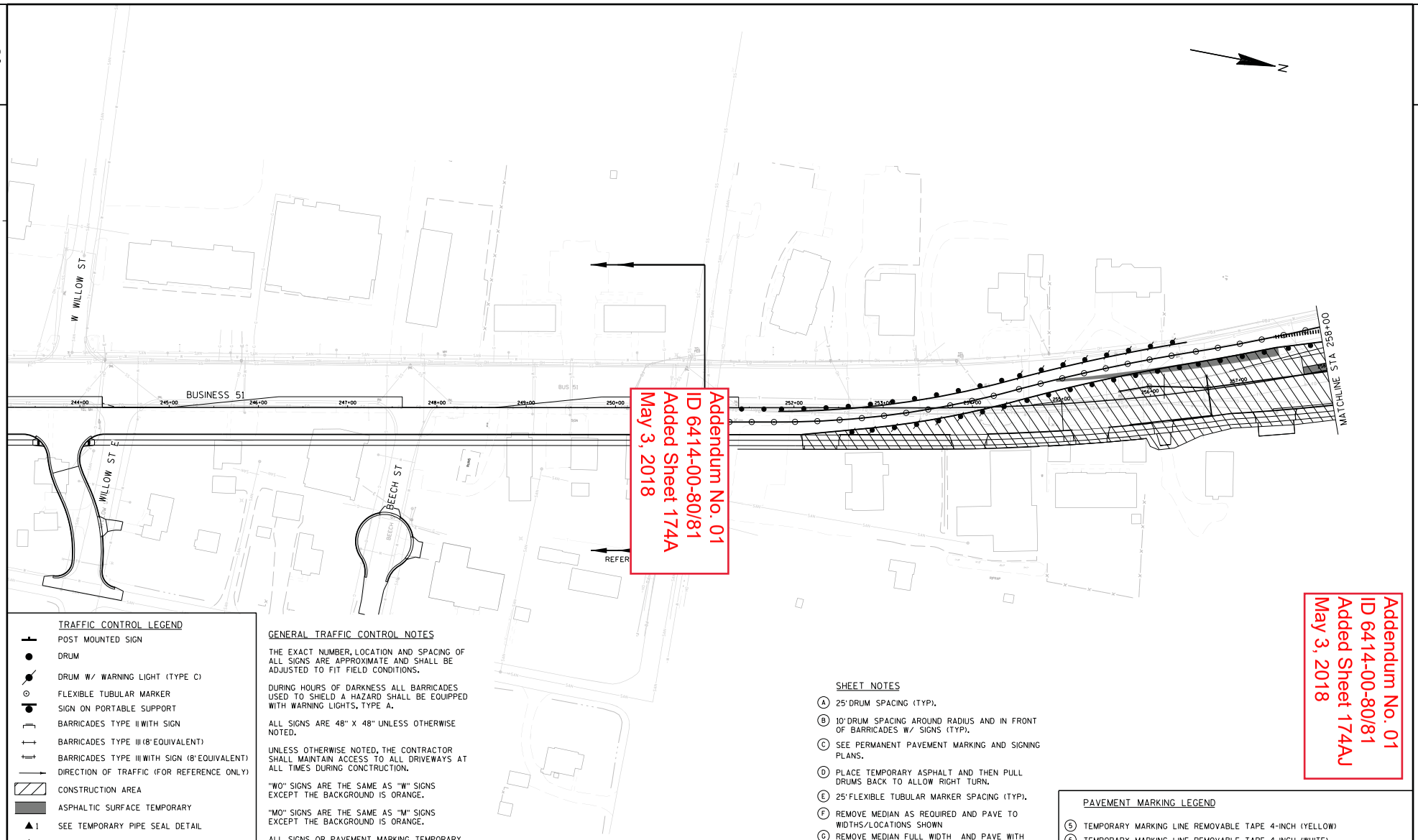
1. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, WHITE)
2. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
3. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
4. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 4-INCH (DOTTED EDGE EXTENSTION, WHITE)
6. TEMPORARY MARKING LINE PAINT 4-INCH (SKIP, YELLOW)
7. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
9. TEMPORARY MARKING ARROW PAINT (TYPE 2, WHITE)
10. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
11. TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW)
12. TEMPORARY MARKING LINE PAINT 8-INCH (DOTTED EDGE EXTENSION, WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AI
May 3, 2018

SHEET NOTES

- (A) 350' MAX OR AT LAST INTERSECTION; WHICHEVER IS CLOSER.
- (B) **CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED).**
- (C) CONCRETE BARRIER TEMPORARY PRECAST.
- (D) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (E) REMOVE MEDIAN CAP FROM BRIDGE DECK. DIAMOND GRIND DECK UNDER MEDIAN. GRIND ALL REBAR TIES FLUSH TO DECK SO AS NOT TO INTERFERE WITH TIRES AND SNOW PLOWS.
- (F) PAINT EDGELINE AS RADIUS TO MATCH EXISTING CURB THAT WAS REMOVED FOR TEMPORARY WIDENING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL - WINTER SHUT DOWN	SHEET 174AI	E



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174A
May 3, 2018

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AJ
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

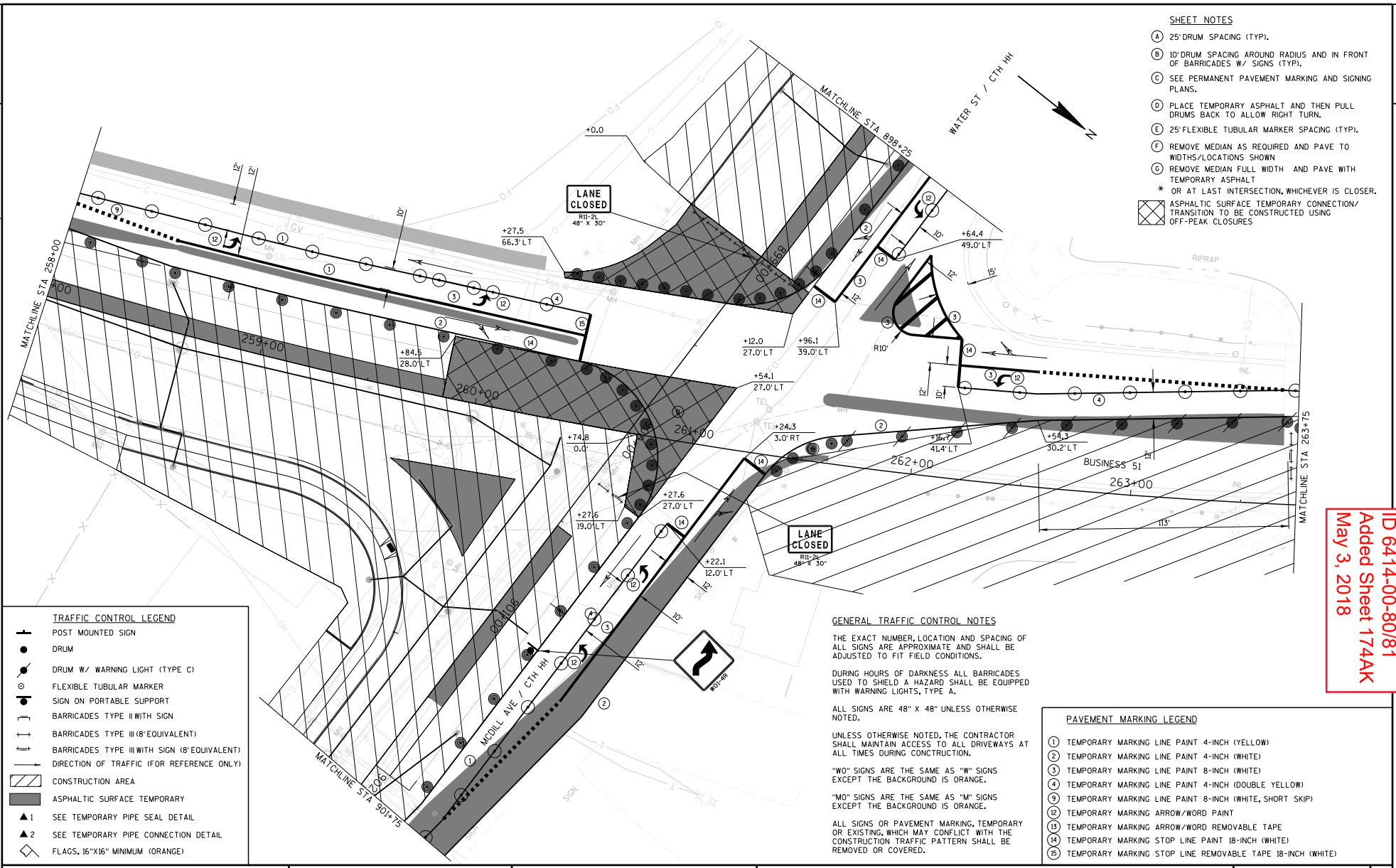
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-A	SHEET 174AJ	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025004-tc stage3A-A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

ASPHALTIC SURFACE TEMPORARY CONNECTION/ TRANSITION TO BE CONSTRUCTED USING OFF-PEAK CLOSURES

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

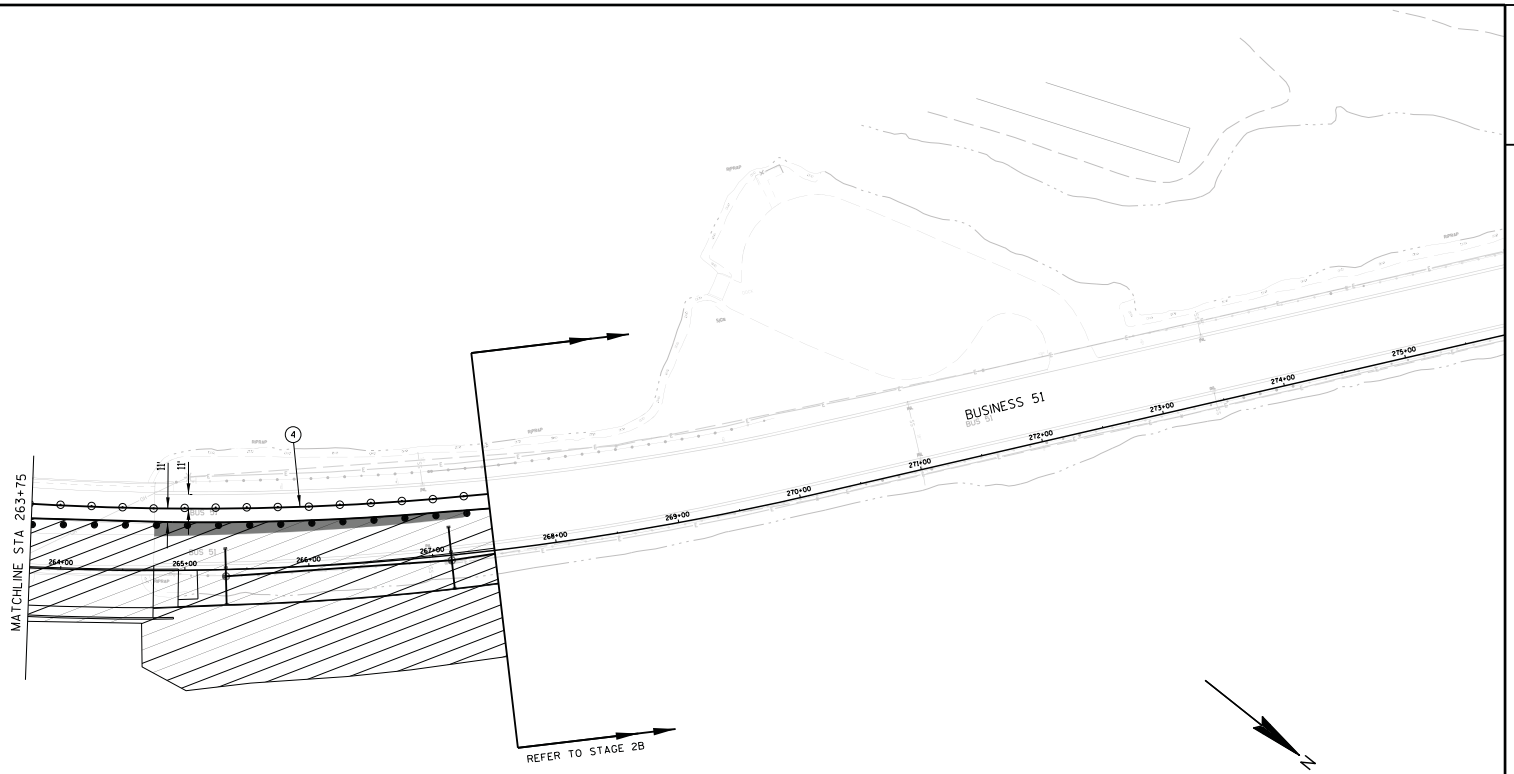
PAVEMENT MARKING LEGEND

(1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(3) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)
(12) TEMPORARY MARKING ARROW/WORD PAINT
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AK
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-A	SHEET 174AK	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage3A-A_40scale.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

(A) SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

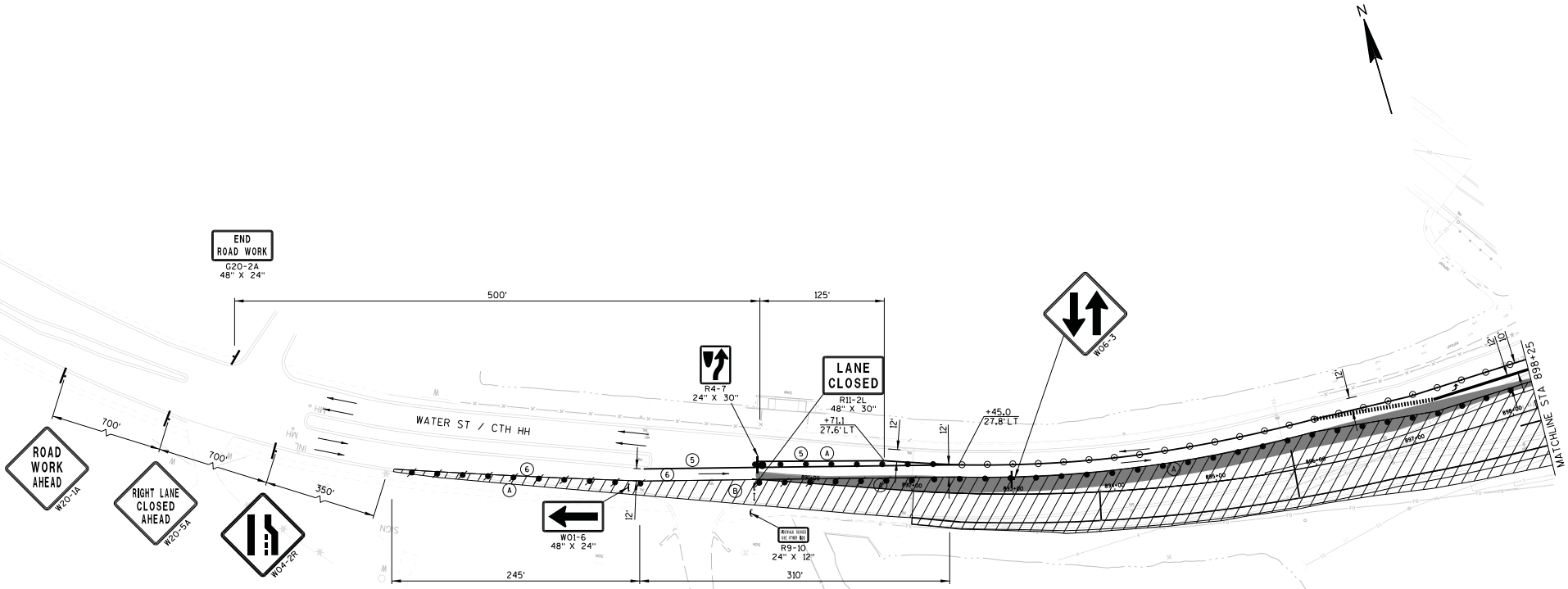
PAVEMENT MARKING LEGEND

- (4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AL
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-A	SHEET 174AL	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025006-tc stage3A-A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AM
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

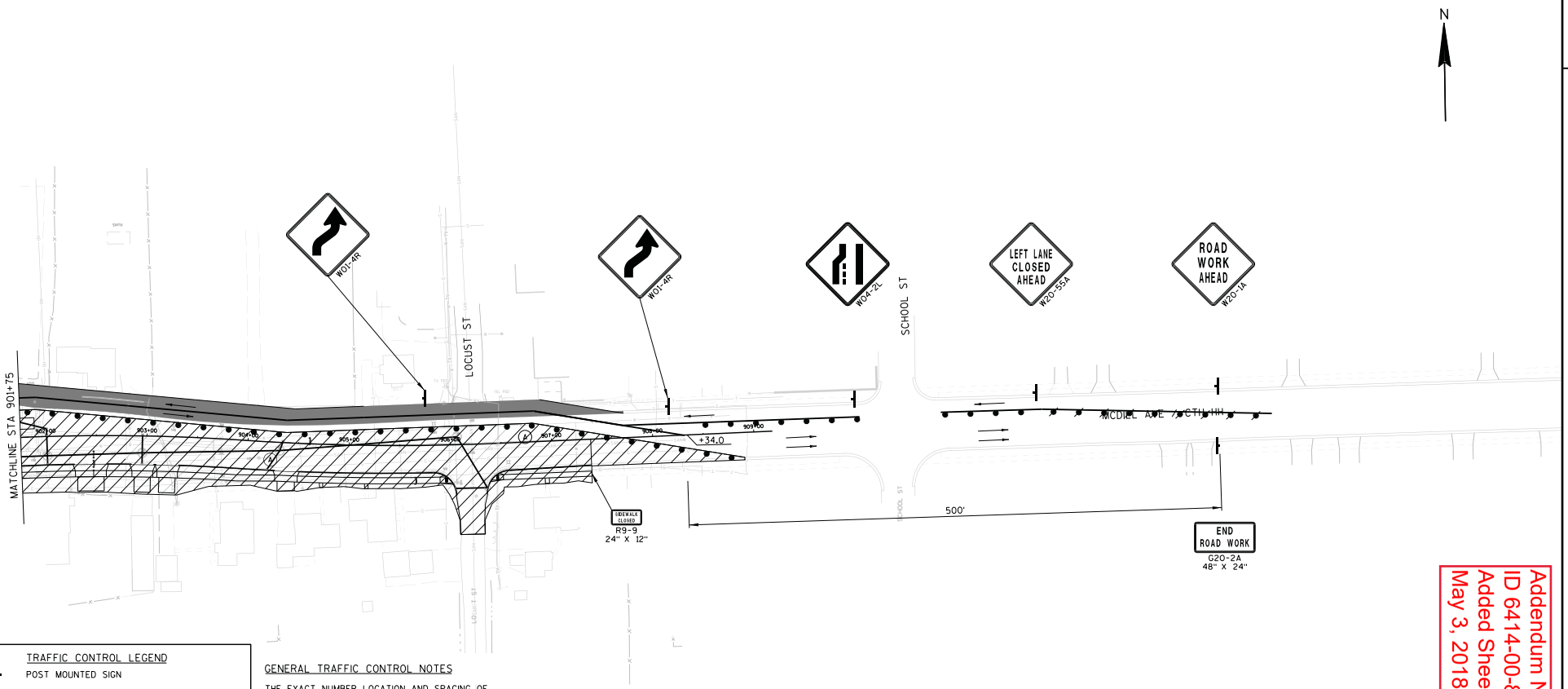
(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(17) TEMPORARY MARKING LINE PAINT 8-INCH (YELLOW, SHORT SKIP)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-A	SHEET 174AM	E



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Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AN
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (H) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-A	SHEET 174AN	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025009-tc stage3A-A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

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TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

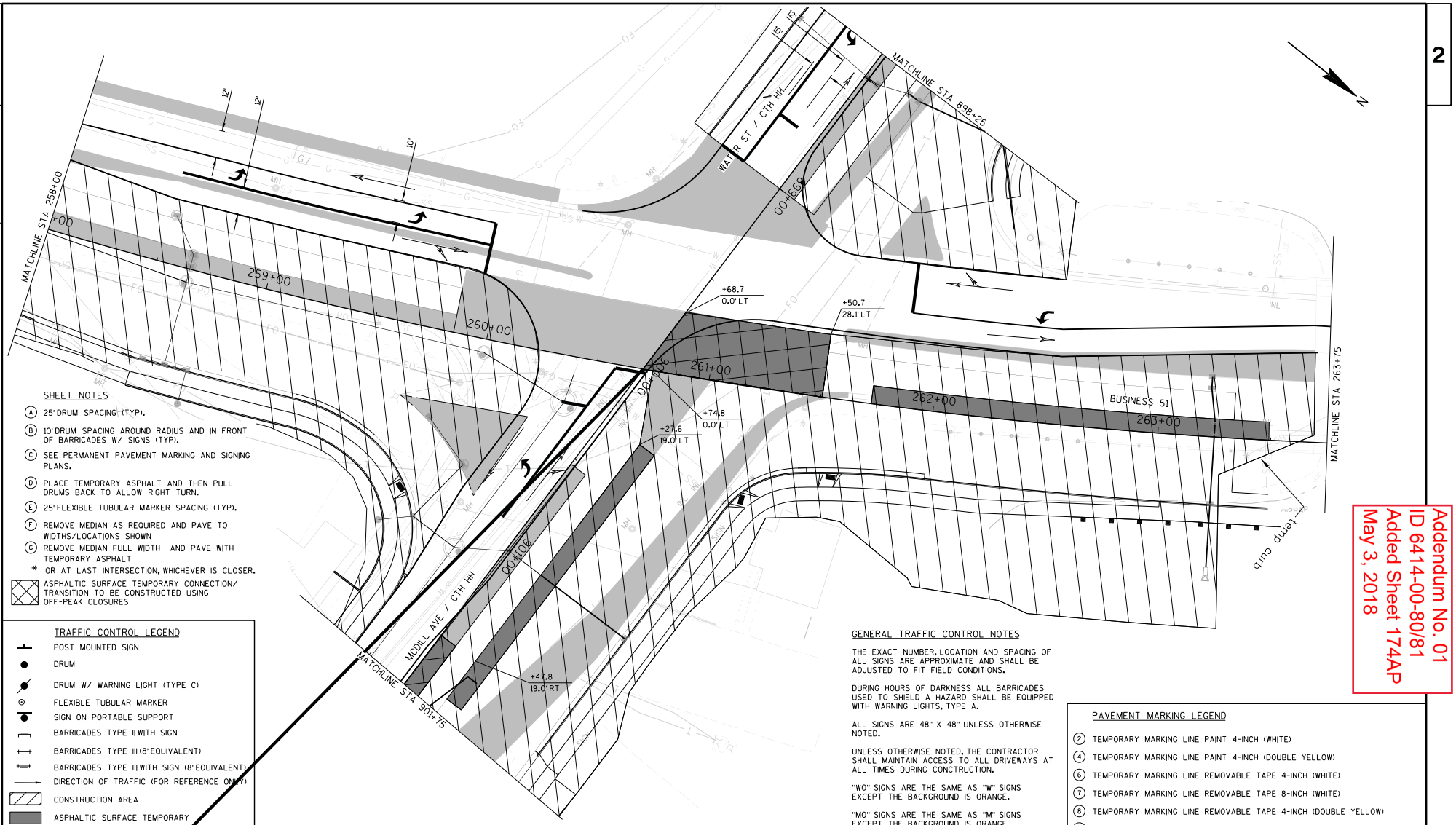
PAVEMENT MARKING LEGEND

(11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AO
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-B	SHEET 174AO	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025004-tc stage3A-B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

ASPHALTIC SURFACE TEMPORARY CONNECTION/ TRANSITION TO BE CONSTRUCTED USING OFF-PEAK CLOSURES

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

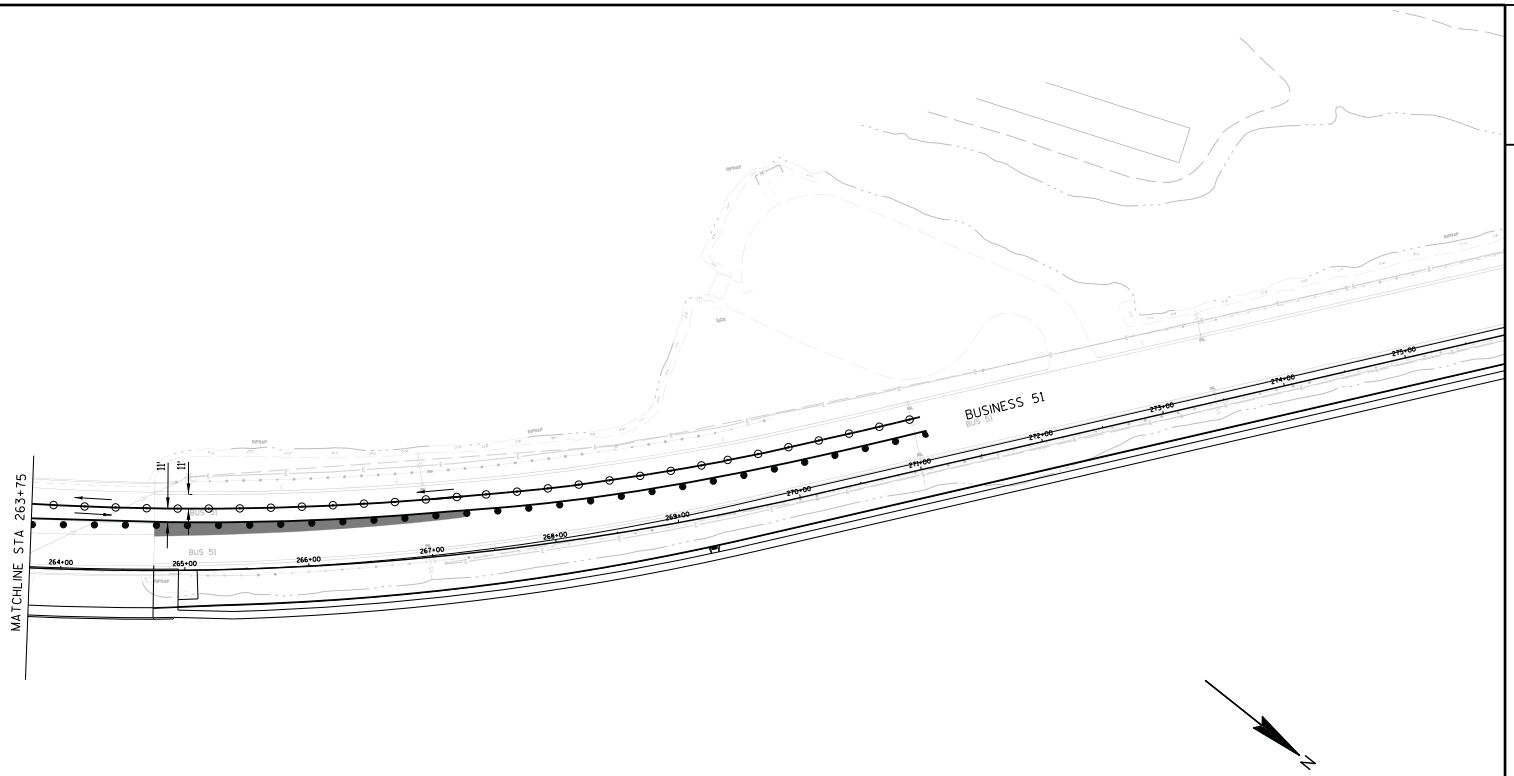
(2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(4) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(14) TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AP
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-B	SHEET 174AP	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage3A-B_40scale.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

2



2

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

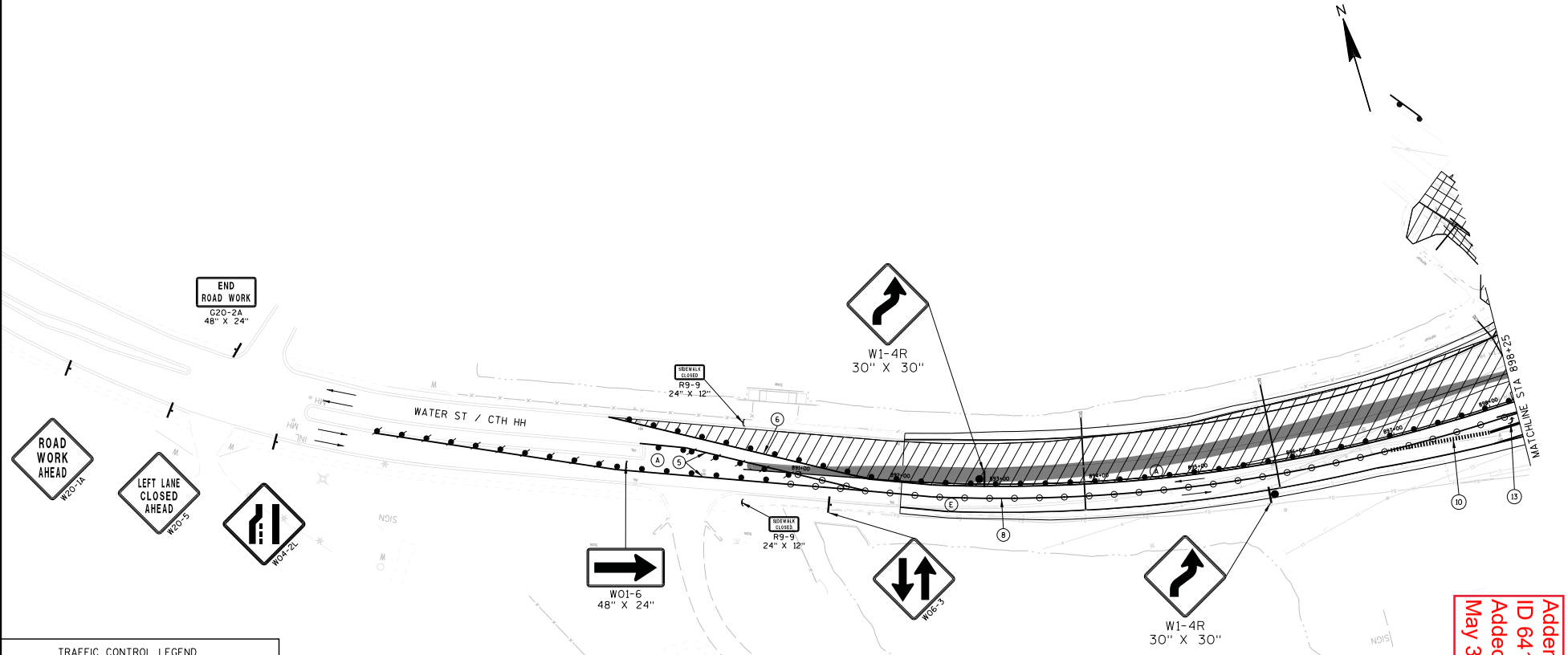
PAVEMENT MARKING LEGEND

(11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AQ
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-B	SHEET 174AQ	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025006-tc stage3A-B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

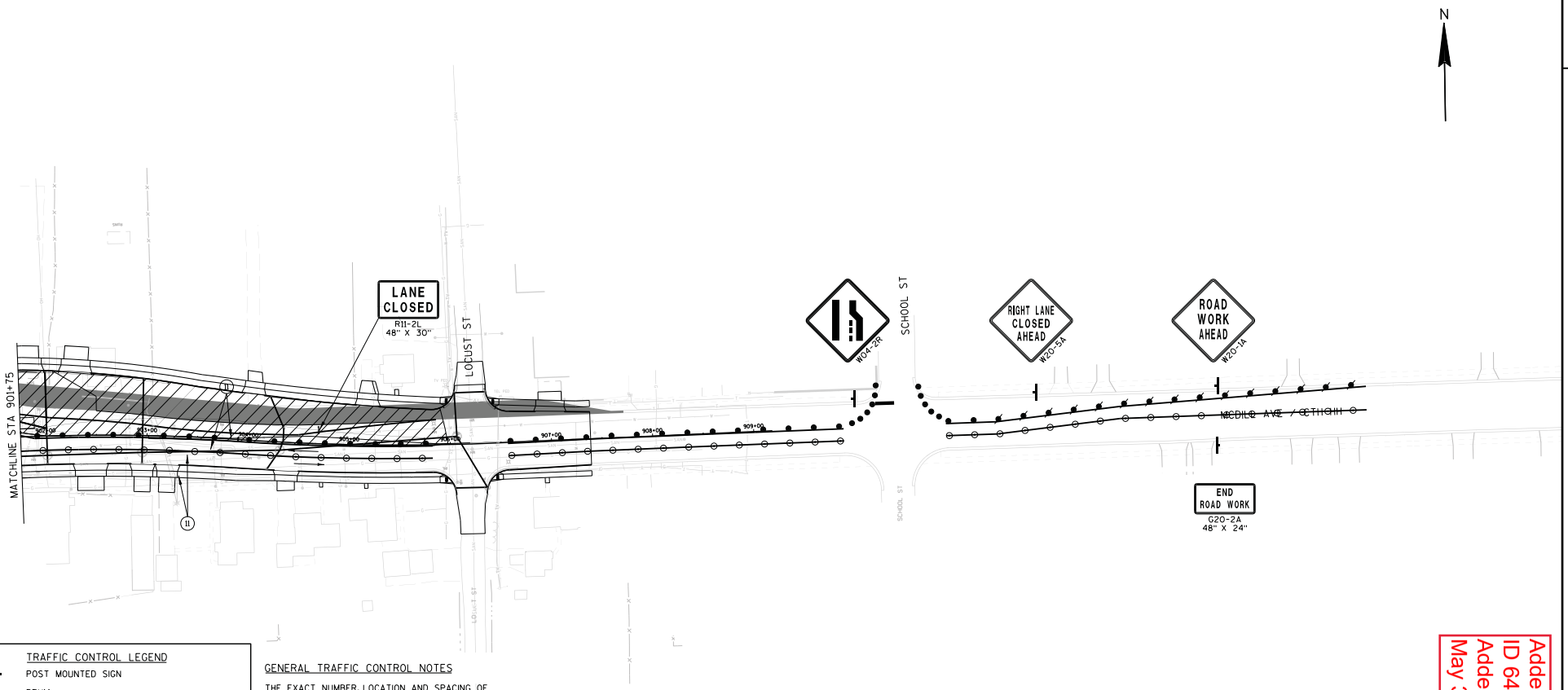
PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AR
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-B	SHEET 174AR	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025008-tc stage3A-B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AS
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

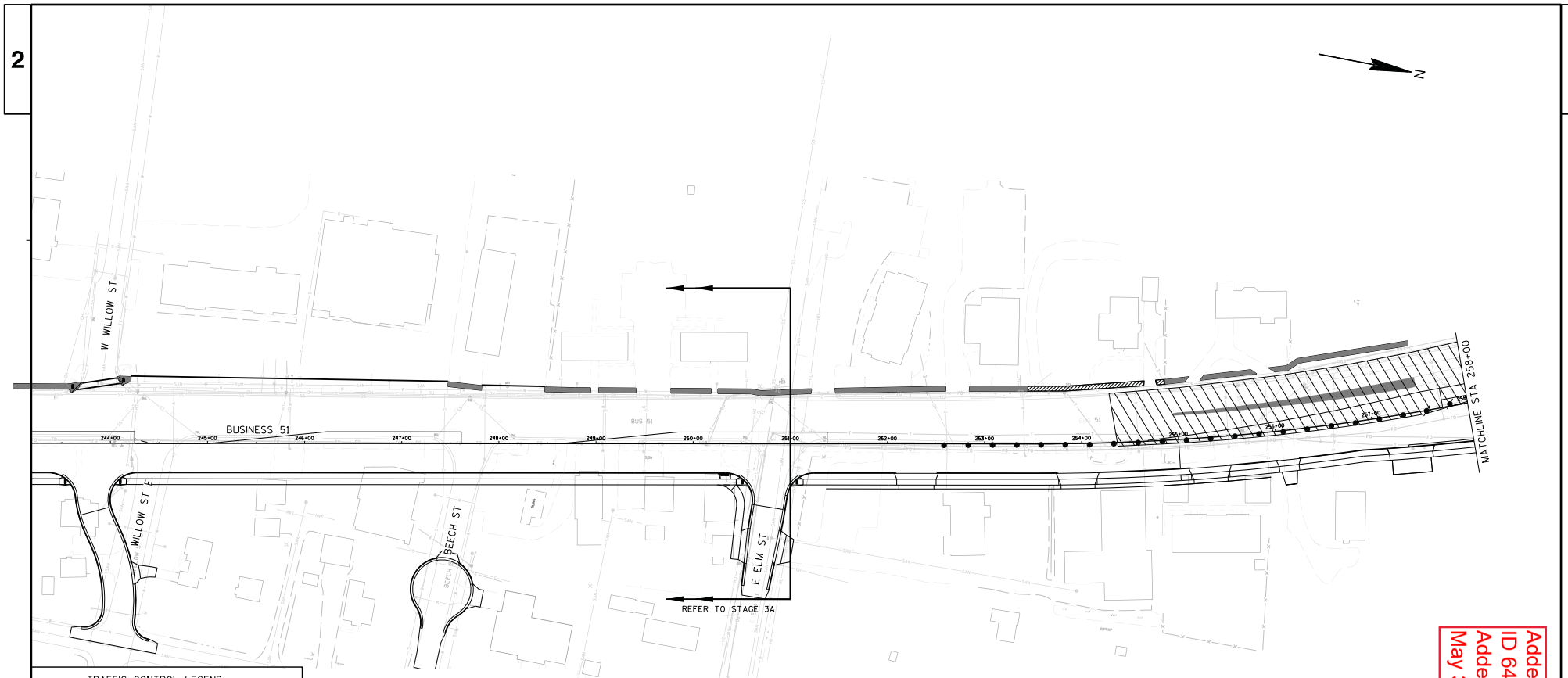
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (H) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-B	SHEET 174AS	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025009-tc stage3A-B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

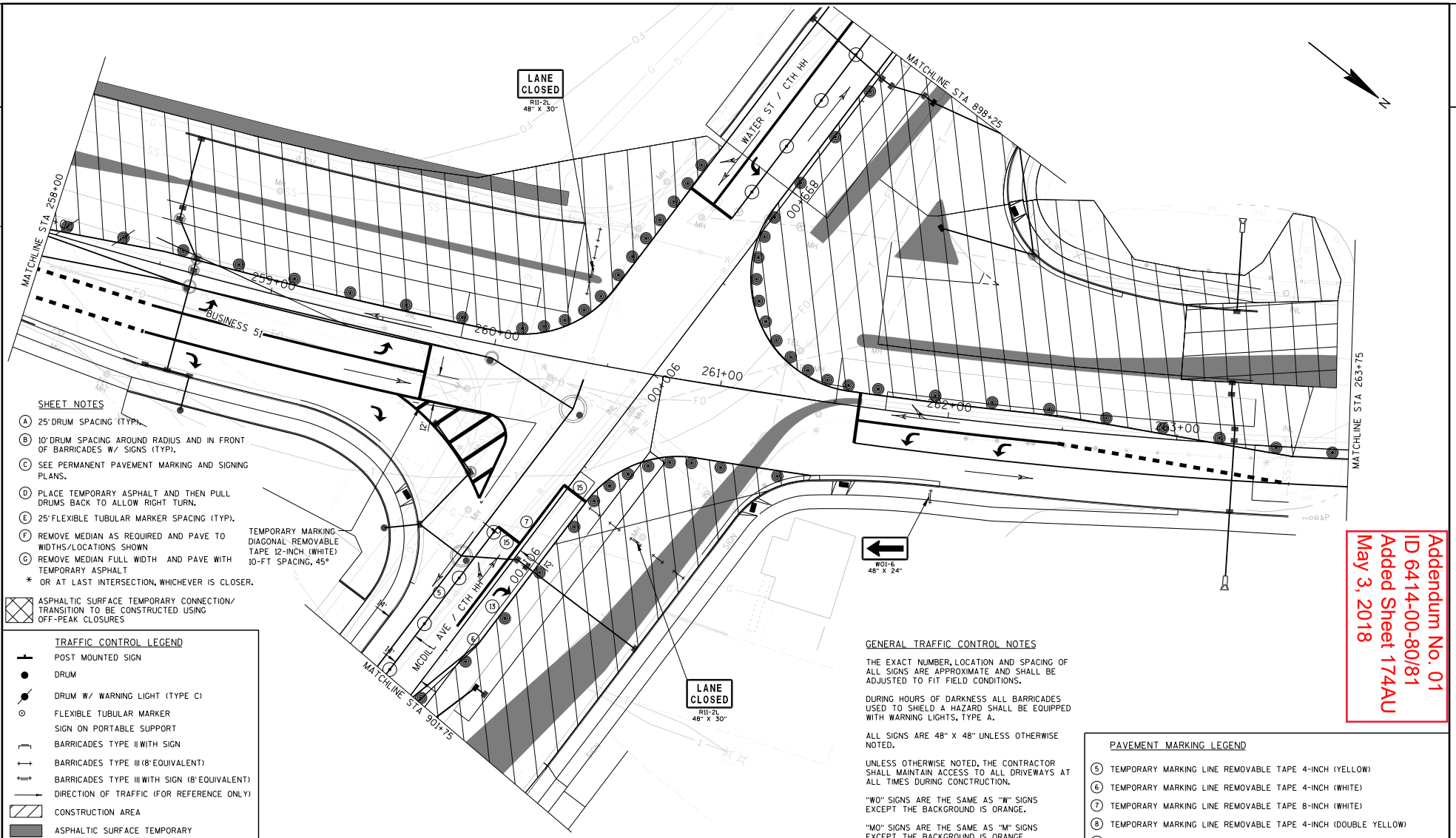
PAVEMENT MARKING LEGEND

- (2) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AT
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGES 3A-C-1 & 3A-C-2	SHEET 174AT	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025004-tc stage3A-C-1+2.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

ASPHALTIC SURFACE TEMPORARY CONNECTION/ TRANSITION TO BE CONSTRUCTED USING OFF-PEAK CLOSURES

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

(11) USE EXISTING PAVEMENT MARKING

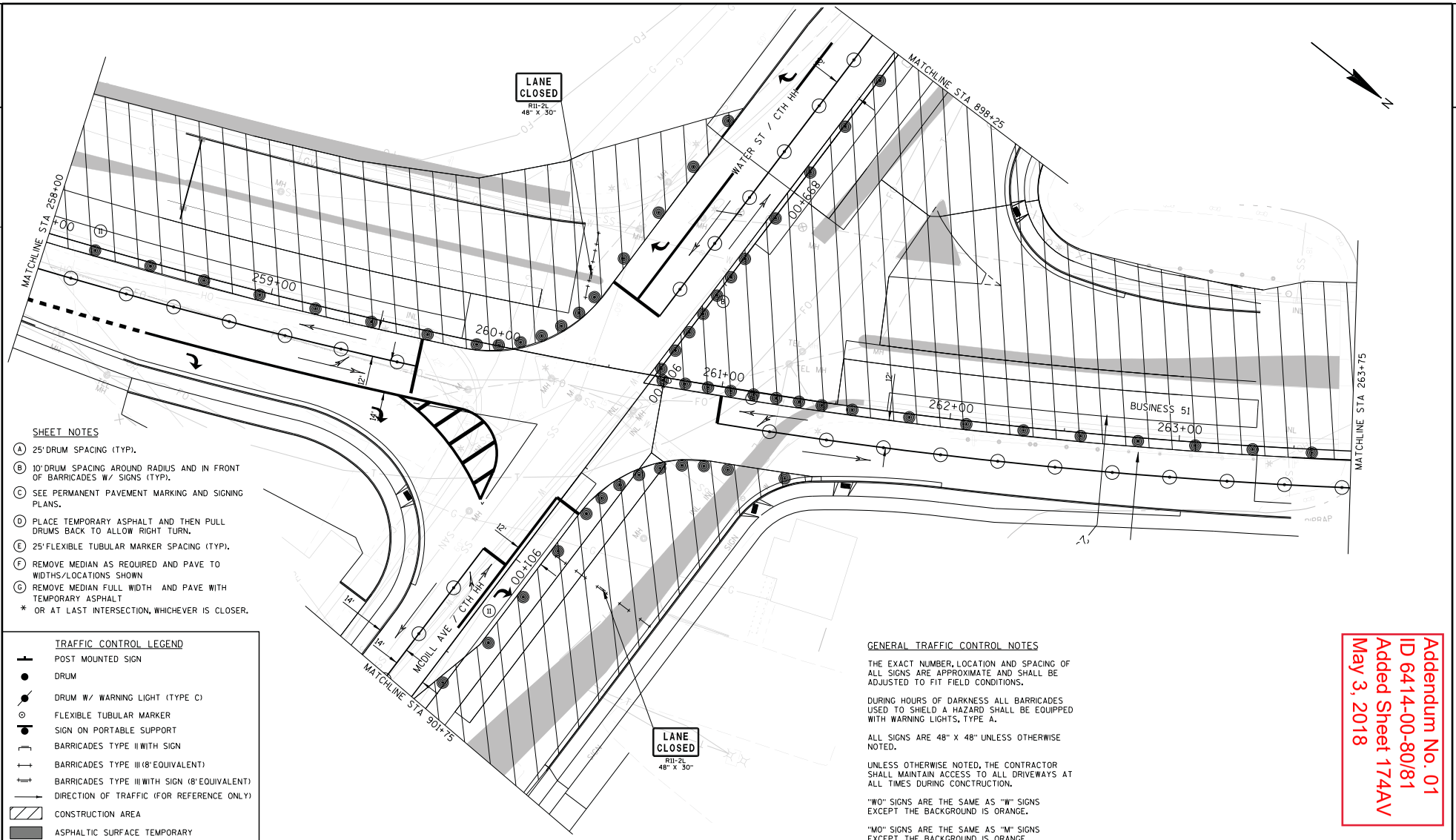
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AU
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-C-1	SHEET 174AU	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage3A-C-1_40scale.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



2

2

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PAVEMENT MARKING LEGEND

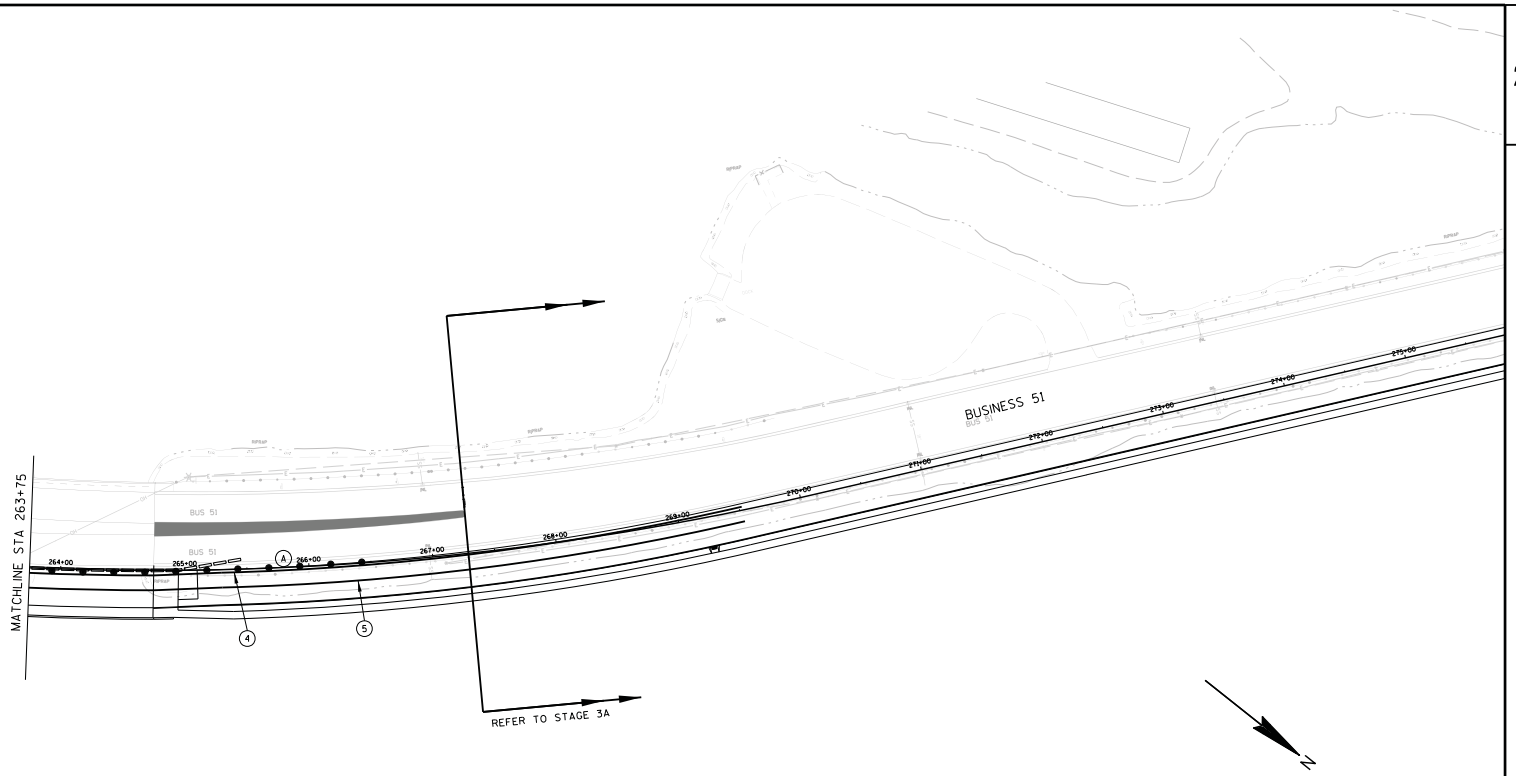
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AV
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-C-2	SHEET 174AV	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage3A-C-2_40scale.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

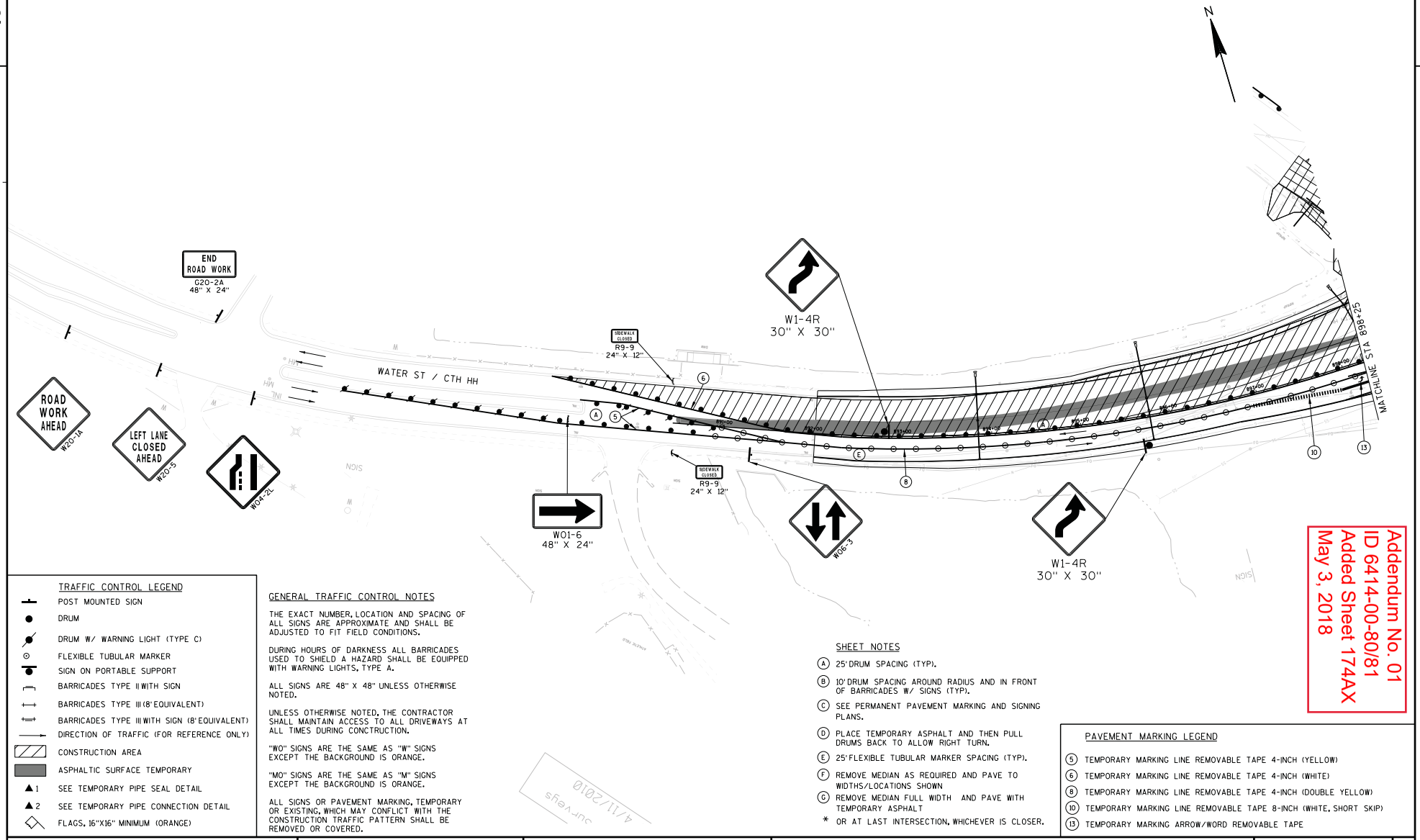
PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AW
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-C-1 & 3A-C-2	SHEET 174AW	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025006-tc stage3A-C-1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AX
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-C-1 & 3A-C-2	SHEET 174AX	E

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

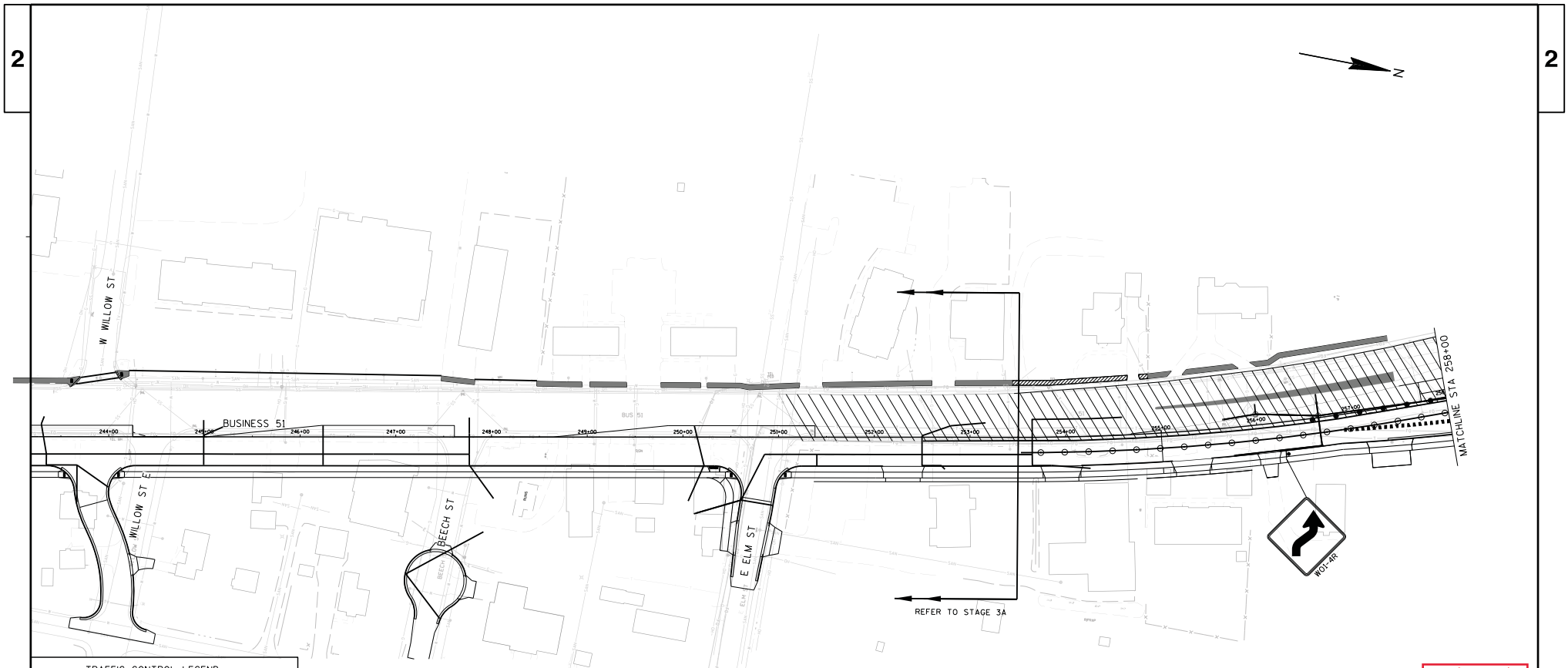
PAVEMENT MARKING LEGEND

- (H) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AY
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGES 3A-C-1 & 3A-C-2	SHEET 174AY	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025009-tc stage3A-C-1.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



2

2

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN

(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

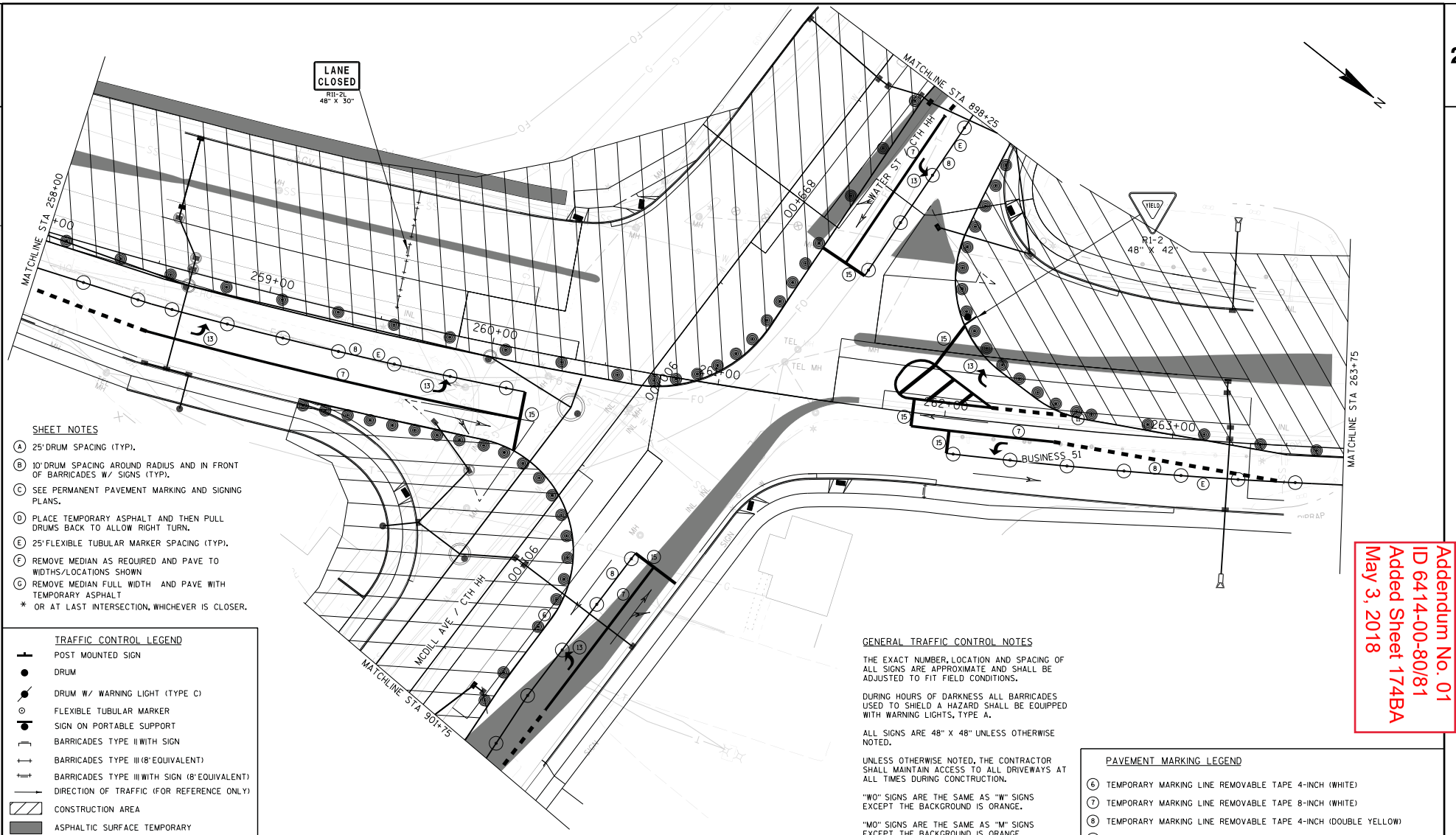
PAVEMENT MARKING LEGEND

(11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174AZ
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-D	SHEET 174AZ	E

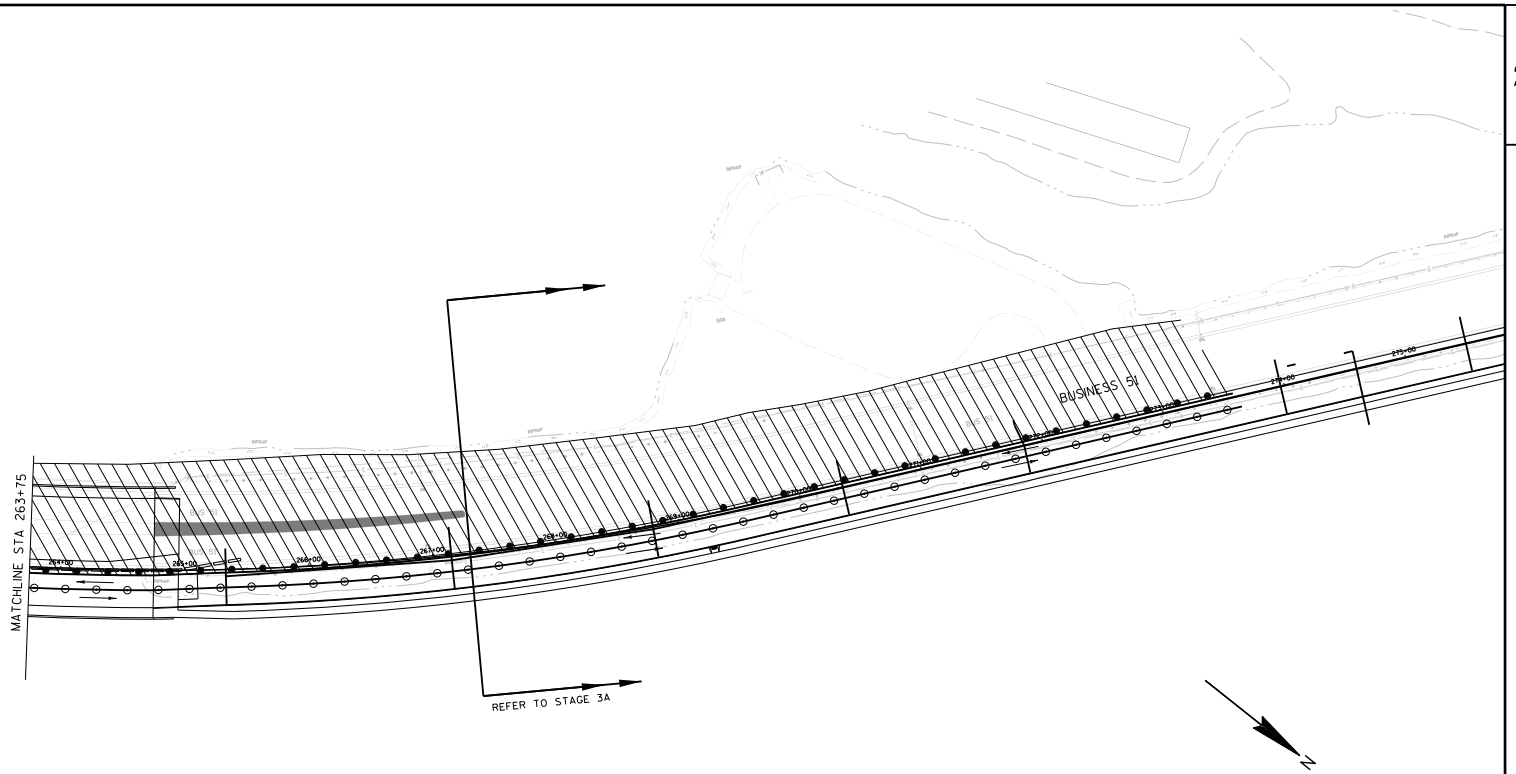
FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025004-tc stage3A-D.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BA
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-D	SHEET 174BA	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025005-tc stage3A-D_40scale.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

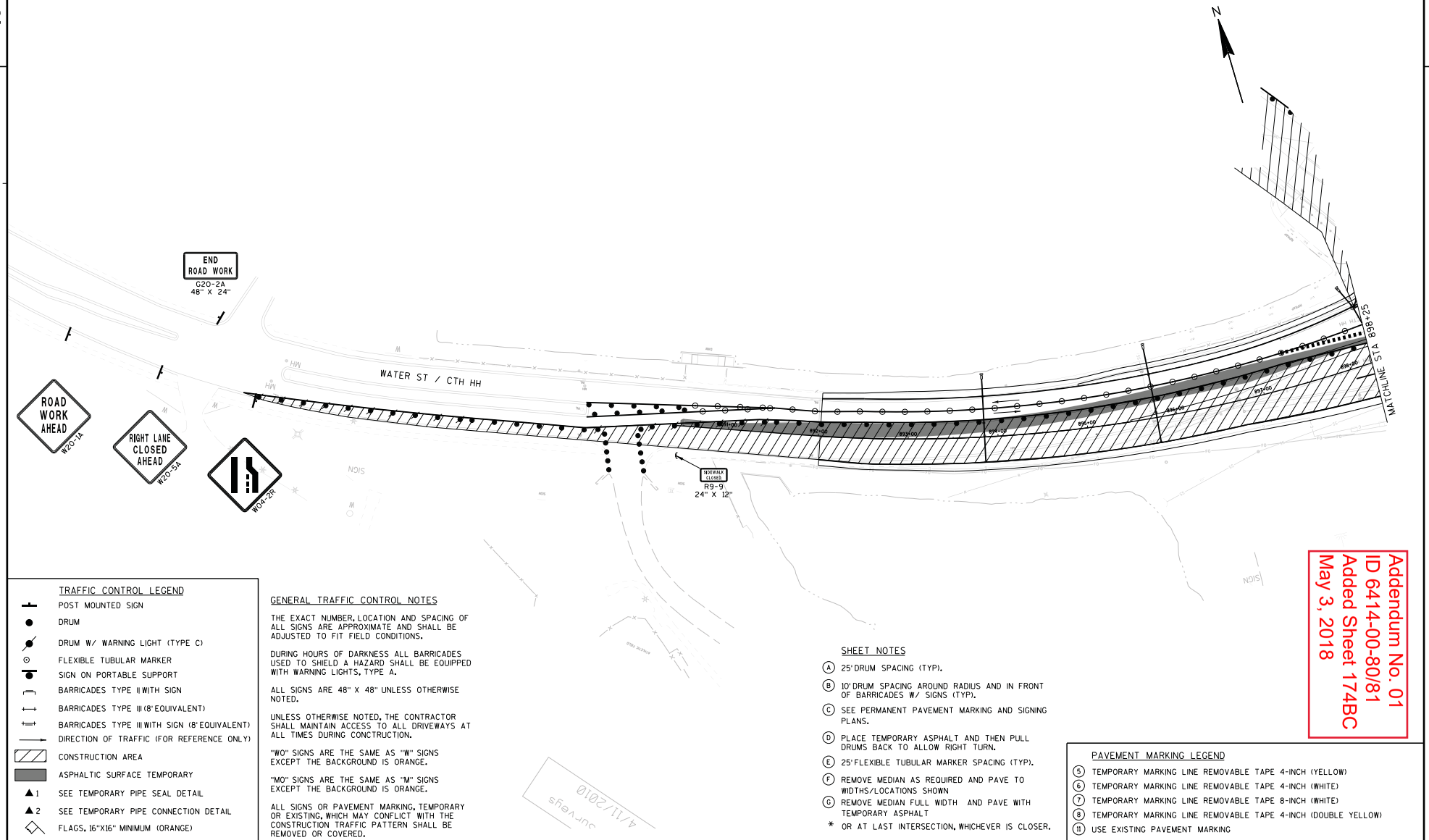
PAVEMENT MARKING LEGEND

- (11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BB
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-D	SHEET 174BB	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025006-tc stage3A-D.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BC
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

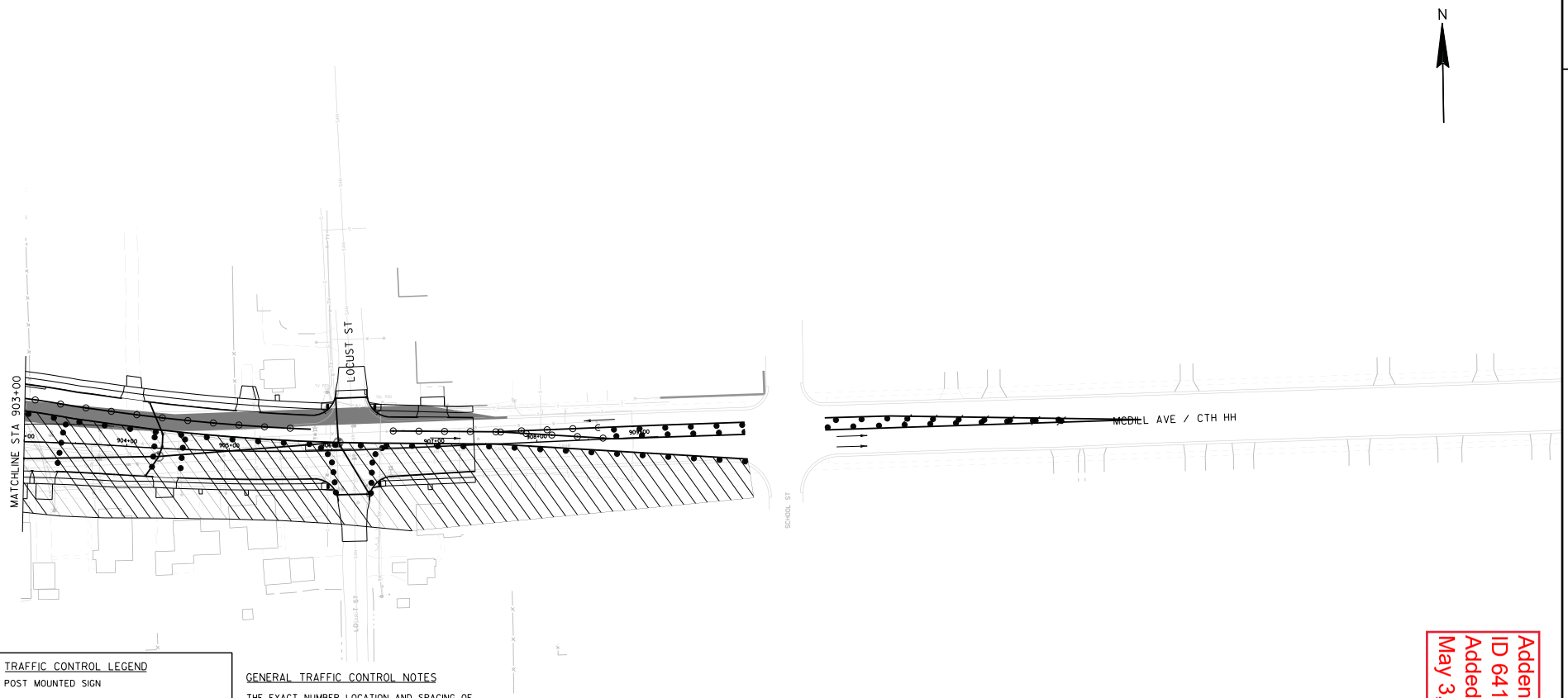
SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
(F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
(G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(H) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-D	SHEET 174BC	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONCTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- (F) REMOVE MEDIAN AS REQUIRED AND PAVE TO WIDTHS/LOCATIONS SHOWN
- (G) REMOVE MEDIAN FULL WIDTH AND PAVE WITH TEMPORARY ASPHALT
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

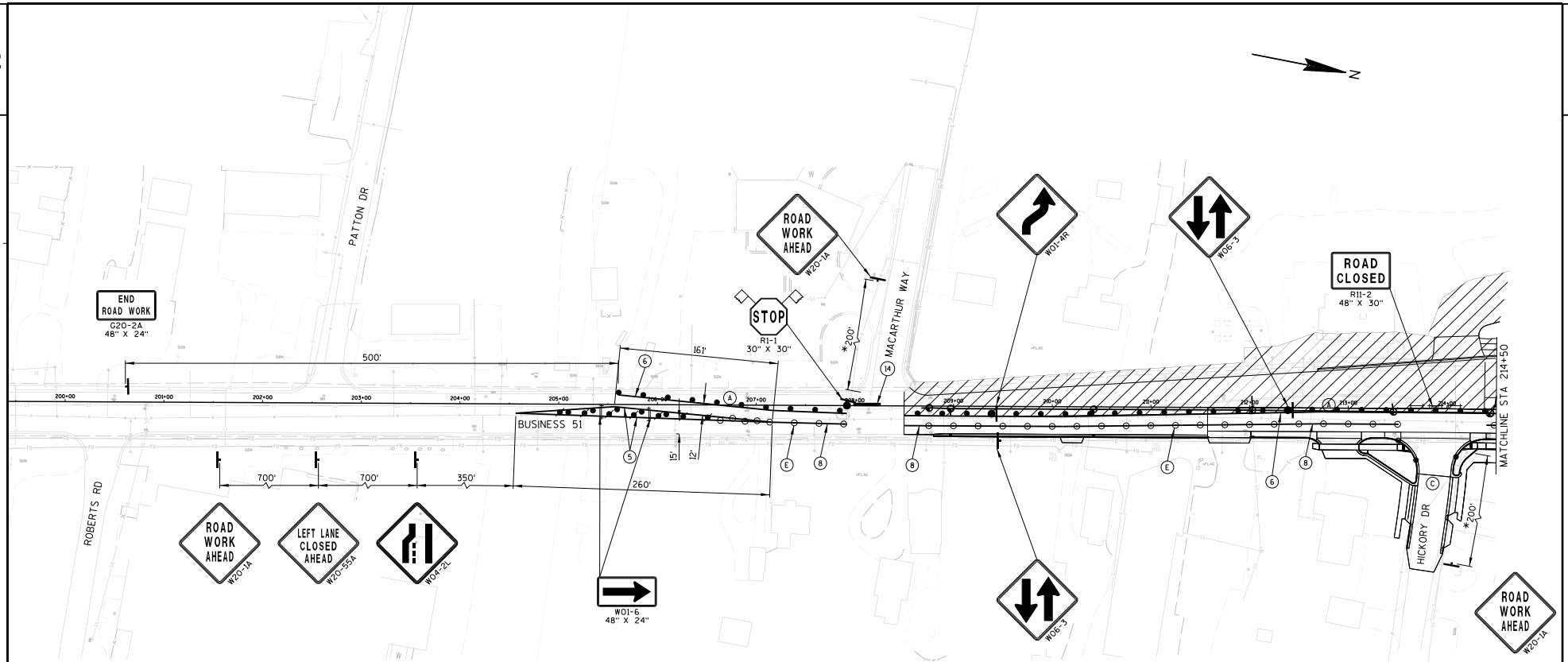
- (1) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BD
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A-D	SHEET 174BD	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025009-tc stage3A-D.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

2



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BE
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 3A DESCRIPTION:

BUSINESS 51 TRAFFIC IS SHIFTED TO THE NEWLY CONSTRUCTED EAST SIDE WHILE THE WEST SIDE IS CONSTRUCTED. CTH HH TRAFFIC FOLLOWS STAGES 3A-A THROUGH 3A-D. TOMMY'S TURNPIKE AND WILLOW ST ARE CLOSED TO TRAFFIC WHILE BEING RECONSTRUCTED. CEDAR ST REMAINS OPEN TO TRAFFIC.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

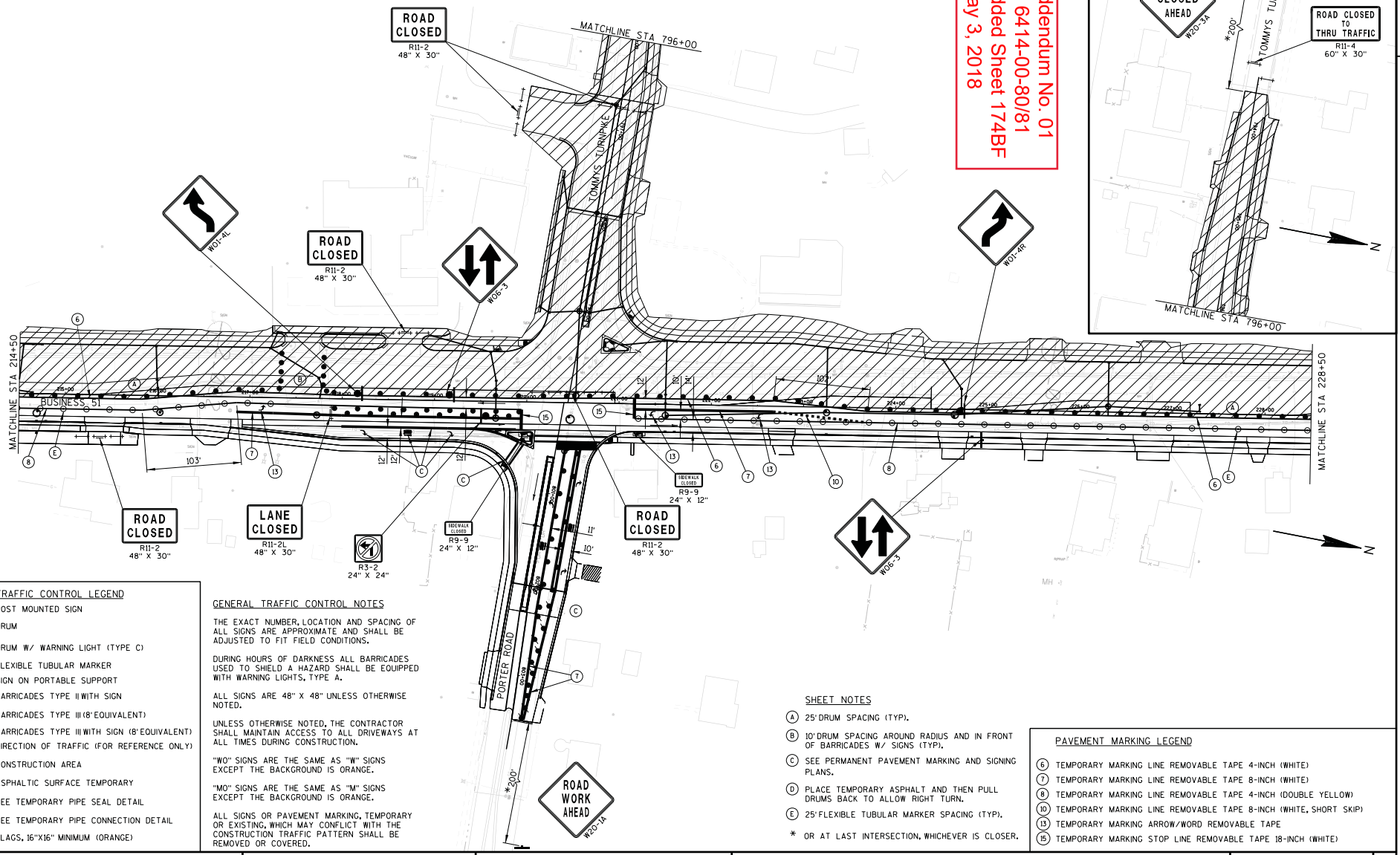
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

(14) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BE	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025028-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BF
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

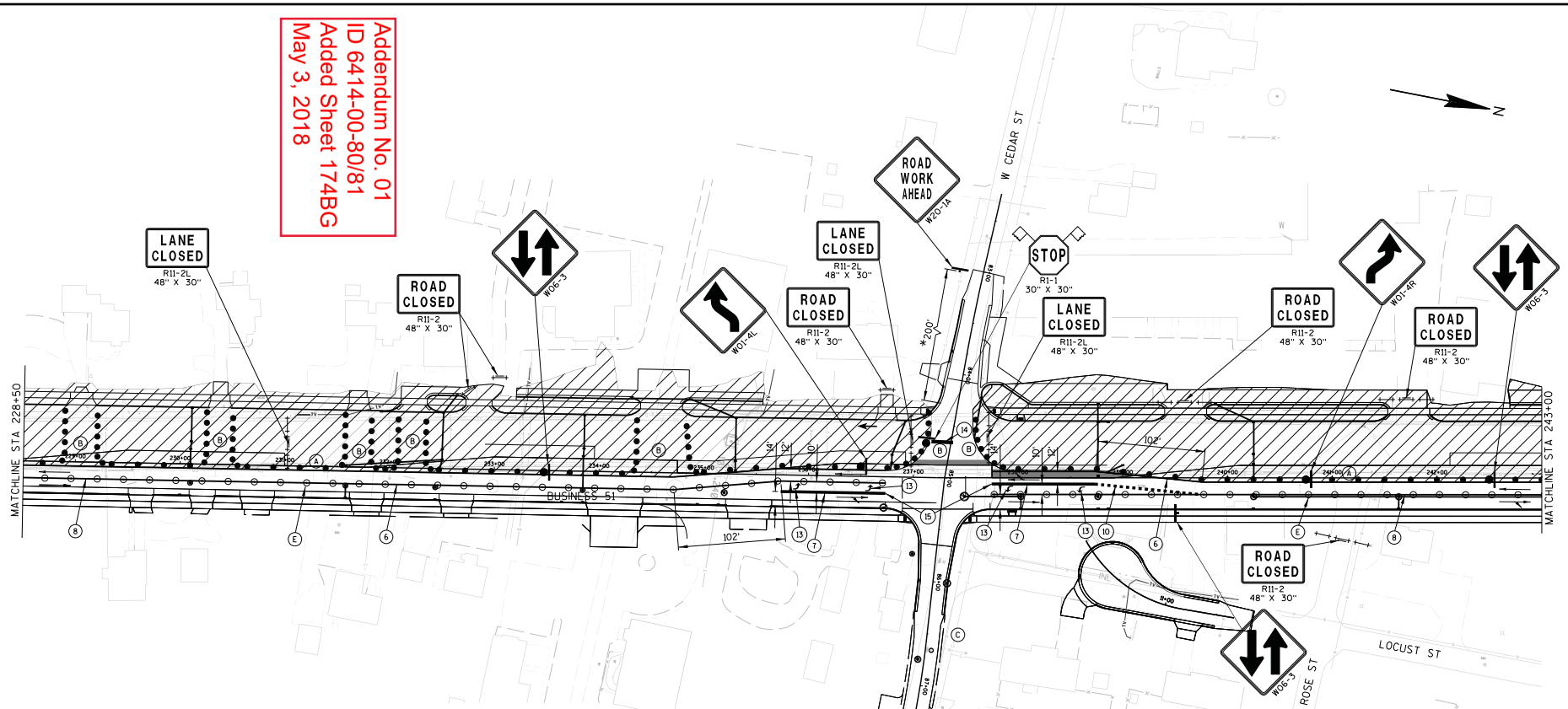
PAVEMENT MARKING LEGEND

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BF	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025029-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BG
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

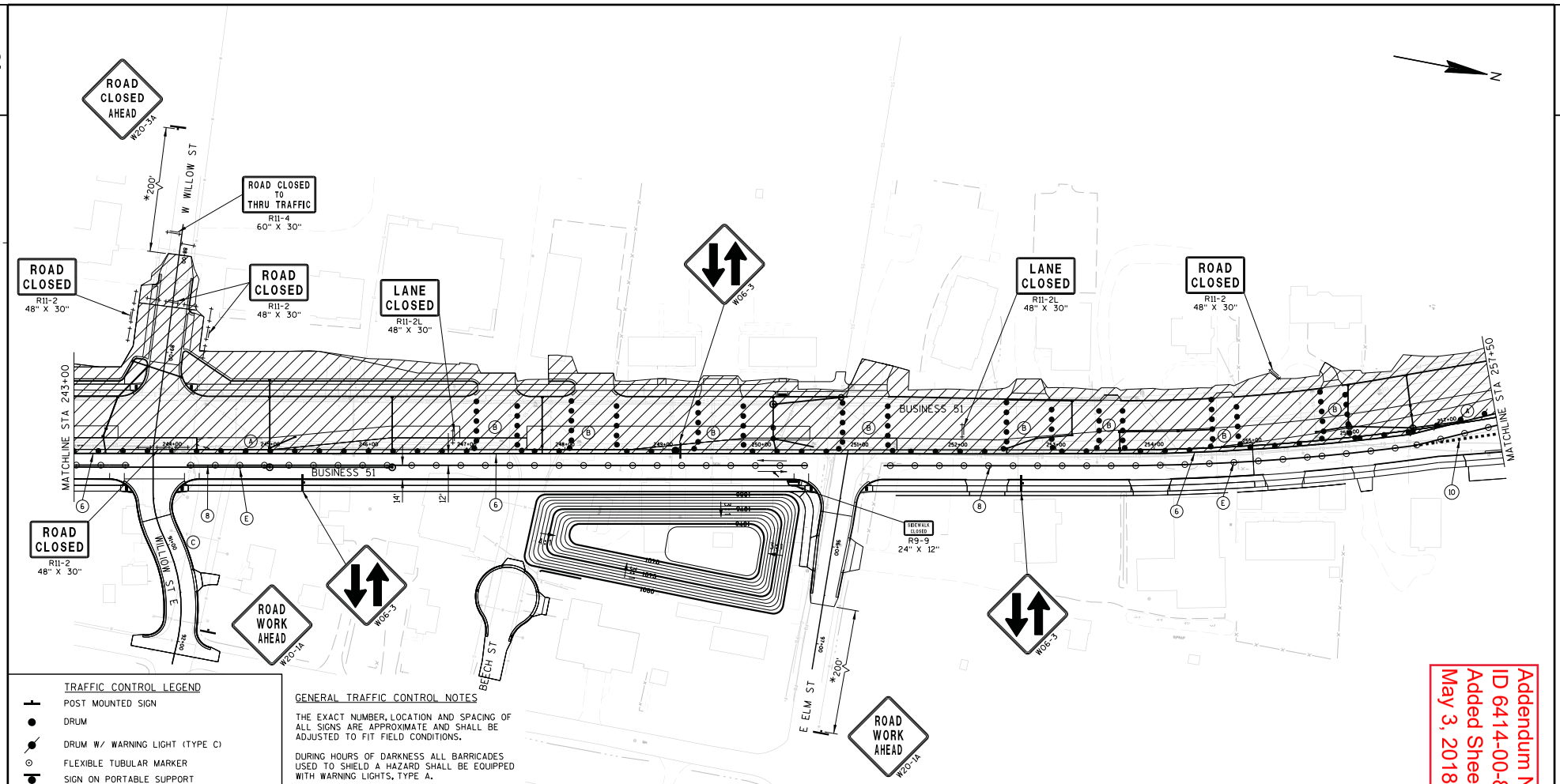
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
3. TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
4. TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
7. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
8. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
9. TEMPORARY MARKING LINE PAINT 4-INCH (WHITE, SHORT SKIP)
10. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
11. USE EXISTING PAVEMENT MARKING
12. TEMPORARY MARKING ARROW/WORD PAINT
13. TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
14. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
15. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BG	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025030-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

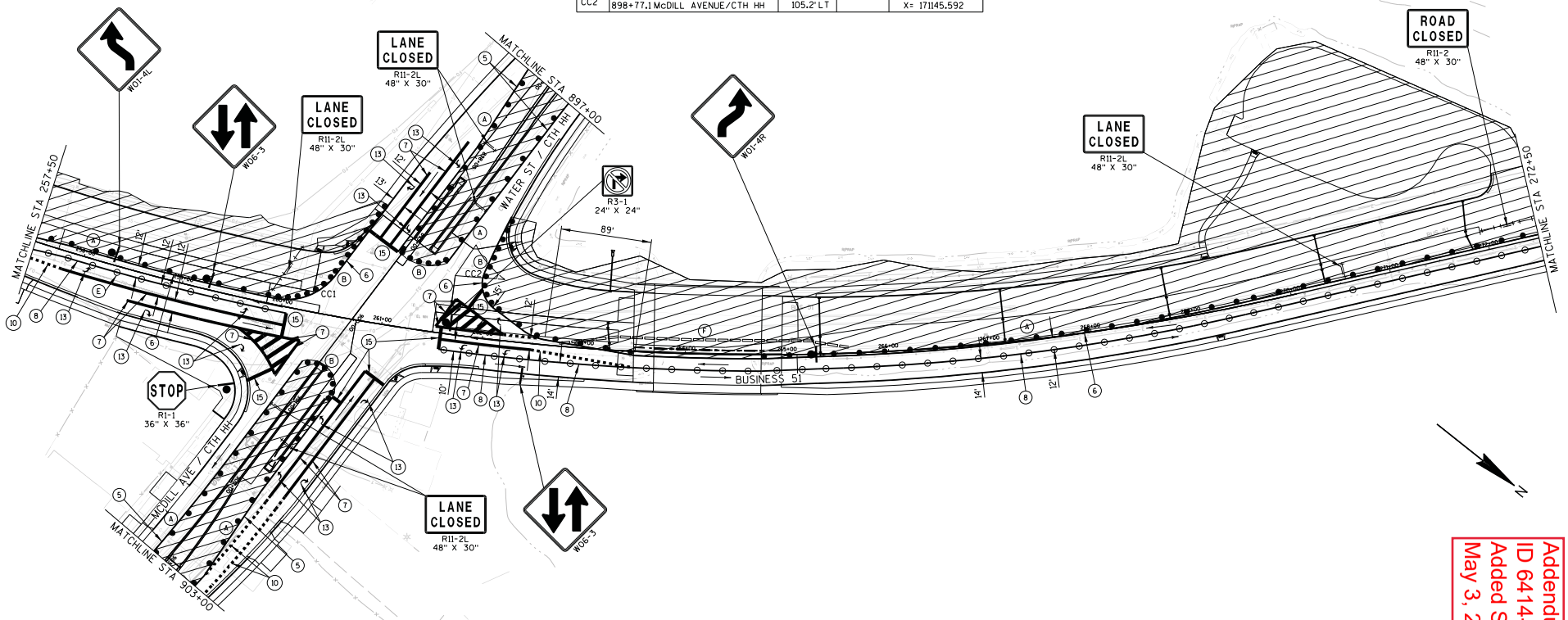
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BH
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BH	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025031-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	259+91.5 BUSINESS 51 899+75.3 McDILL AVENUE/CTH HH	66.0' LT 99.0' RT	60.0'	Y= 191620.463 X= 171248.377
CC2	262+24.1 BUSINESS 51 898+77.1 McDILL AVENUE/CTH HH	56.1' LT 105.2' LT	30.0'	Y= 191822.410 X= 171145.592



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

(F) CONCRETE BARRIER TEMPORARY PRECAST.

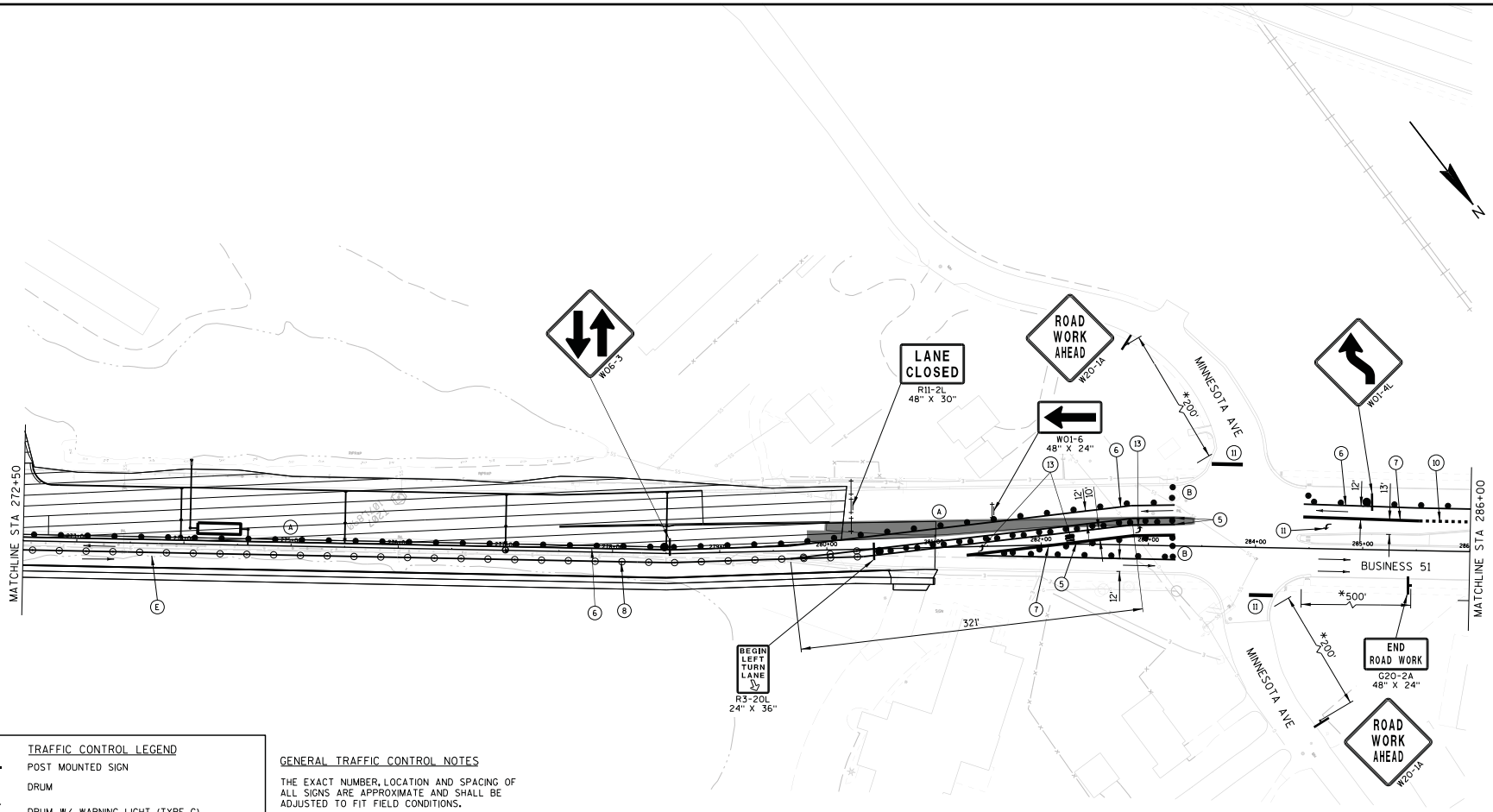
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
- (15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BI
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BI	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BJ
May 3, 2018

SHEET NOTES

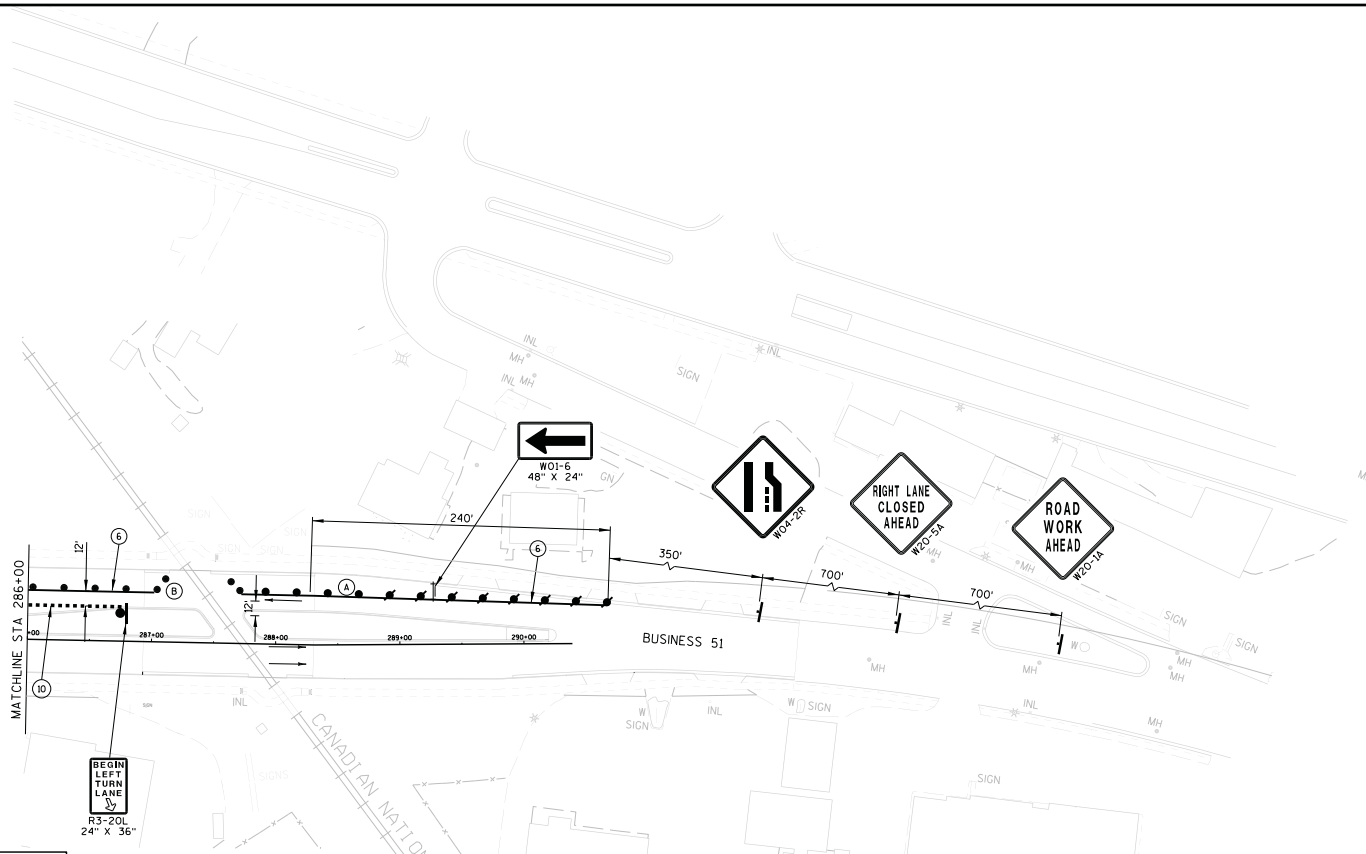
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (11) USE EXISTING PAVEMENT MARKING
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BJ	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025033-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

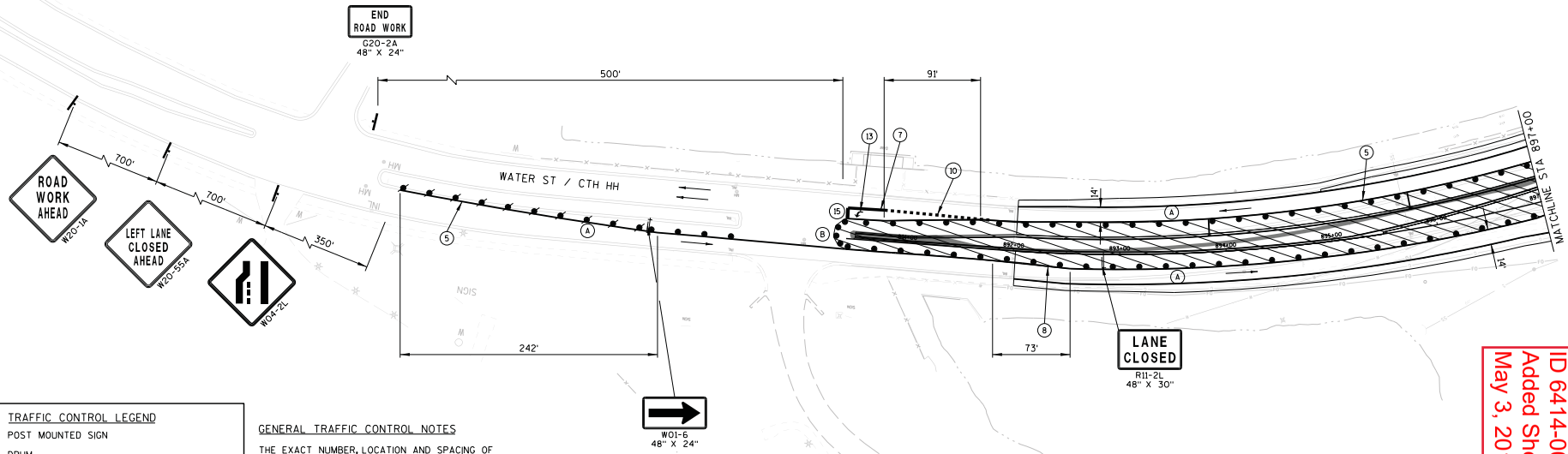
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BK
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BK	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025034-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



N

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

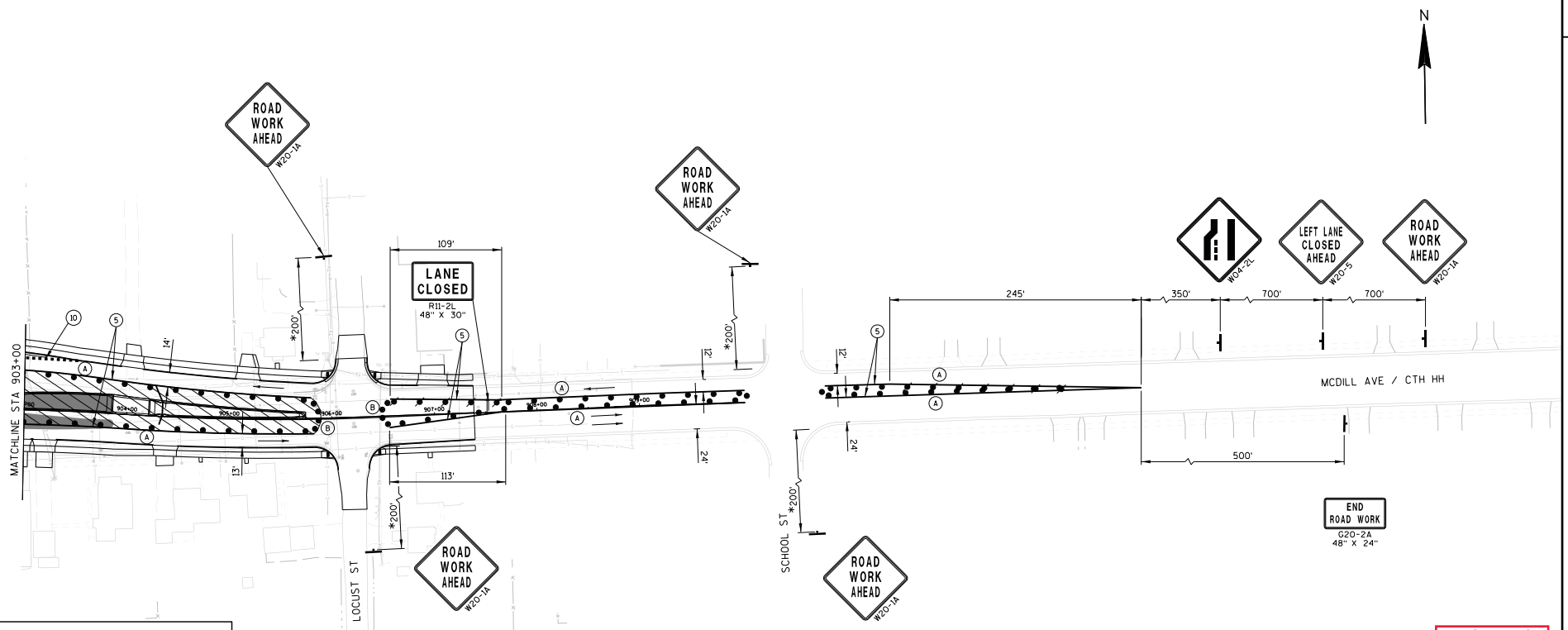
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BL
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BL	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025035-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

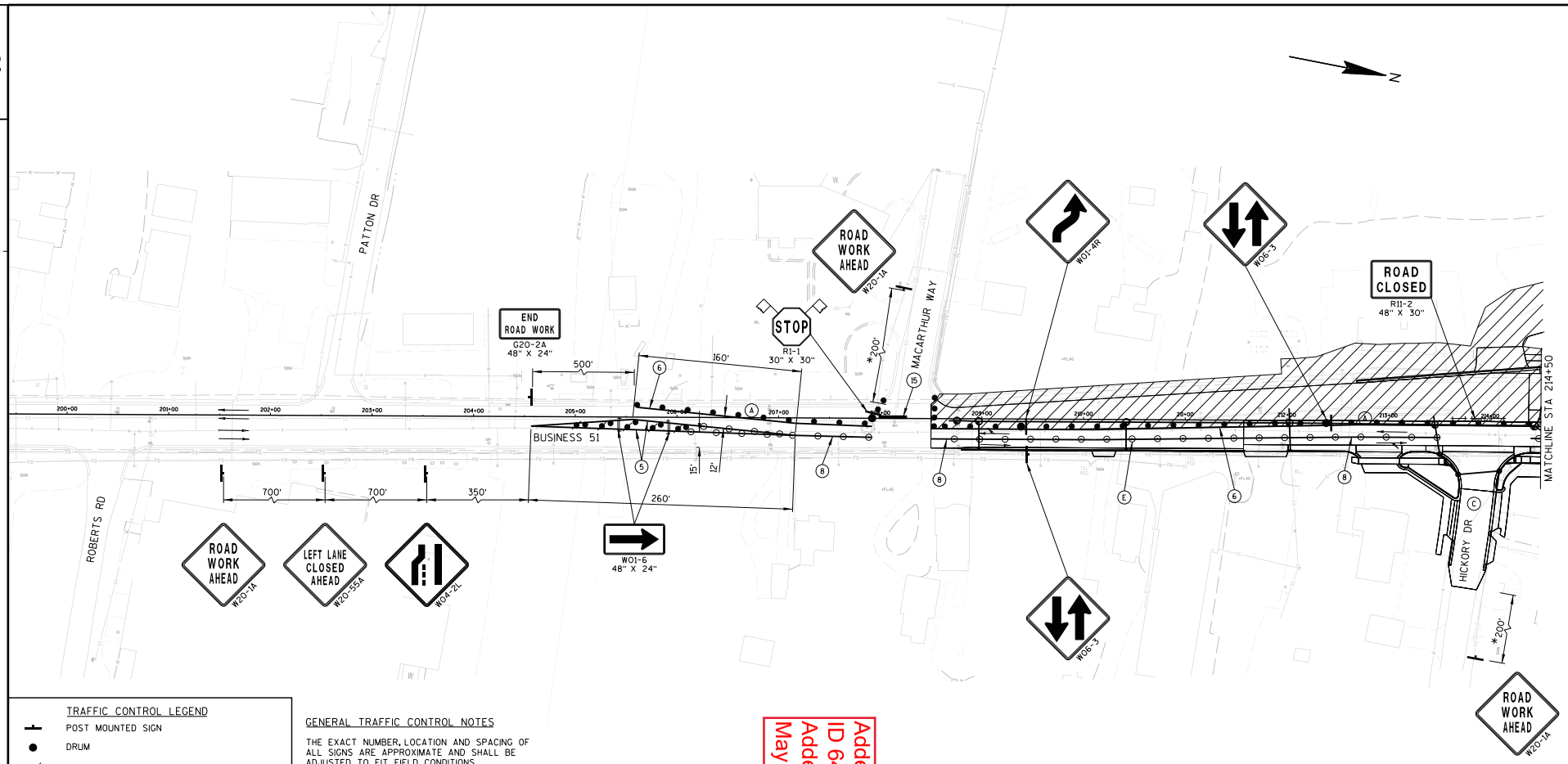
(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BM
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3A	SHEET 174BM	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025036-tc stage3A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BN
May 3, 2018

STAGE 3B DESCRIPTION:

BUSINESS 51 AND CTH HH TRAFFIC IS CONTROLLED AS IN STAGE 3A. TOMMY'S TURNPIKE AND WILLOW ST ARE OPEN TO TRAFFIC AND CEDAR ST IS CLOSED FOR CONSTRUCTION.

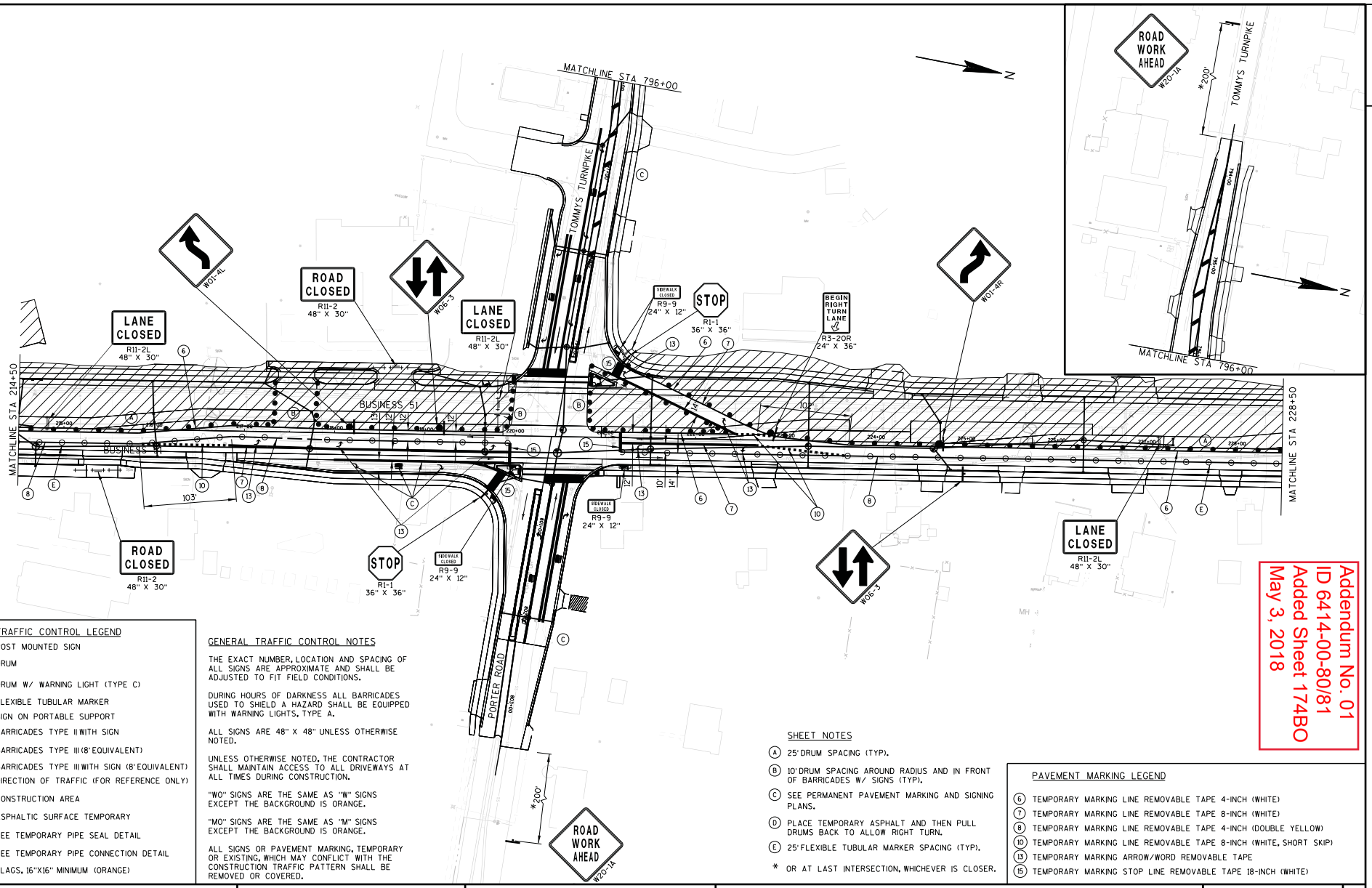
SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BN	E



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BO
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

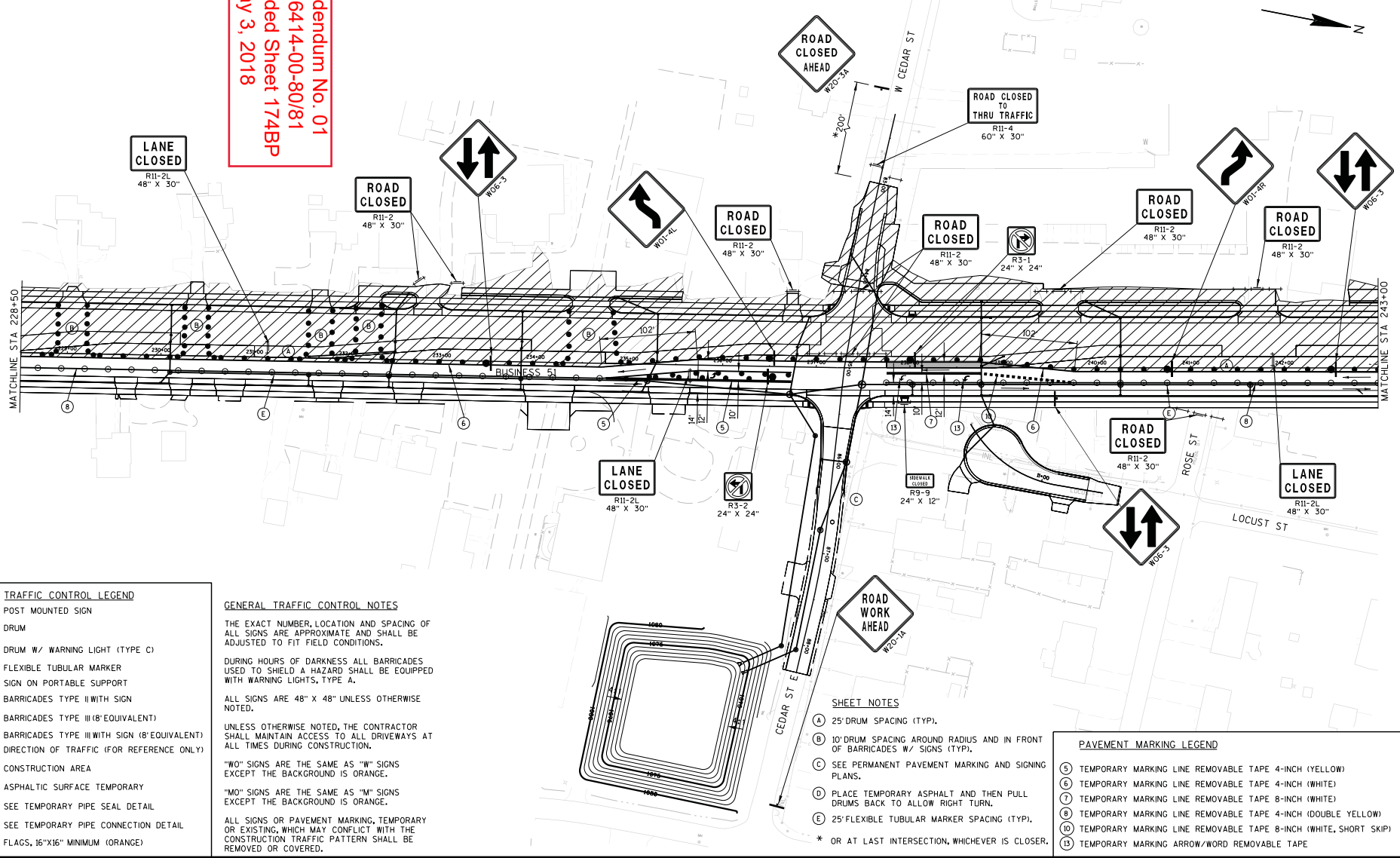
PAVEMENT MARKING LEGEND

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BO	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025041-tc stage3B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BP
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

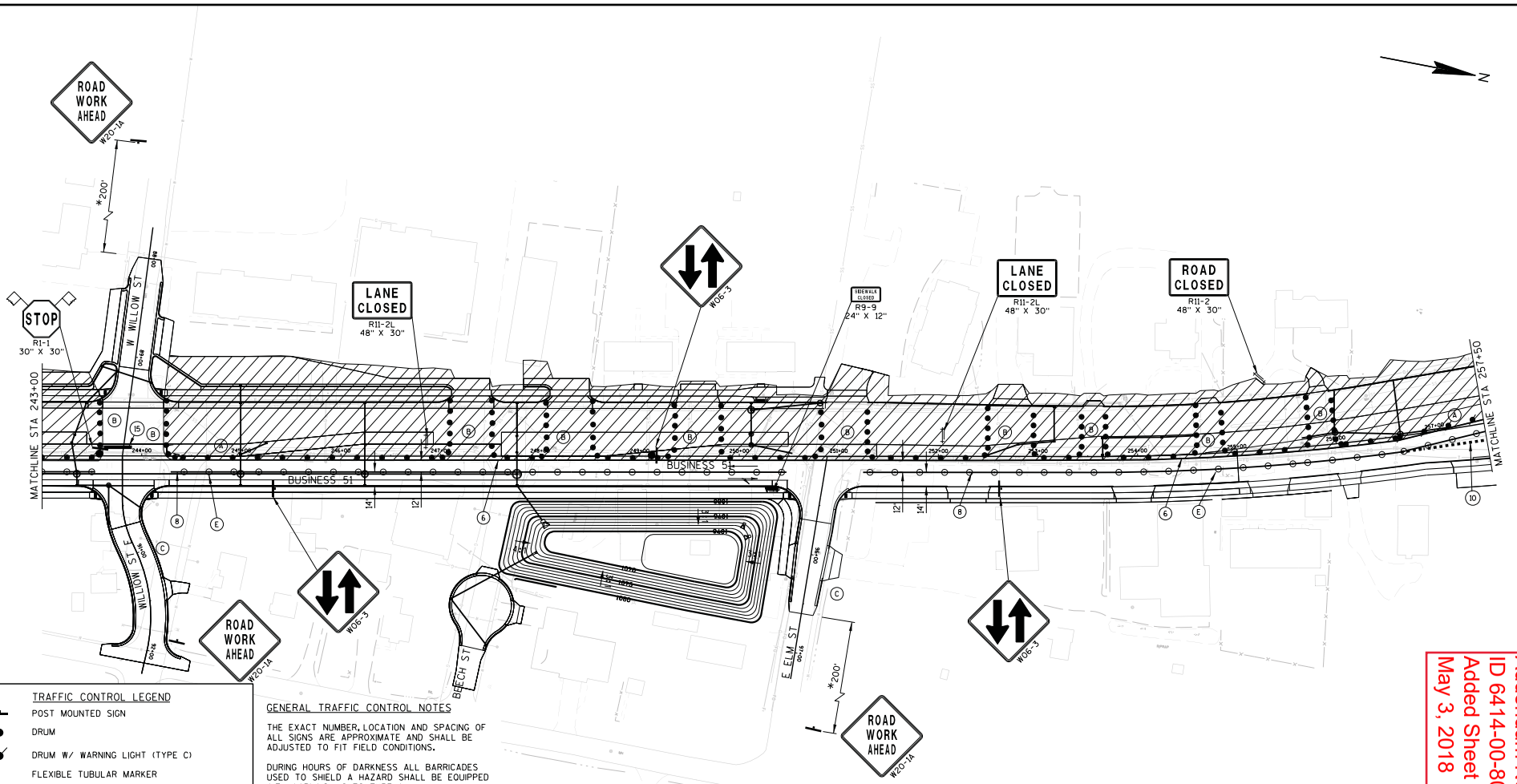
- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BP	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025042-tc stage3B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

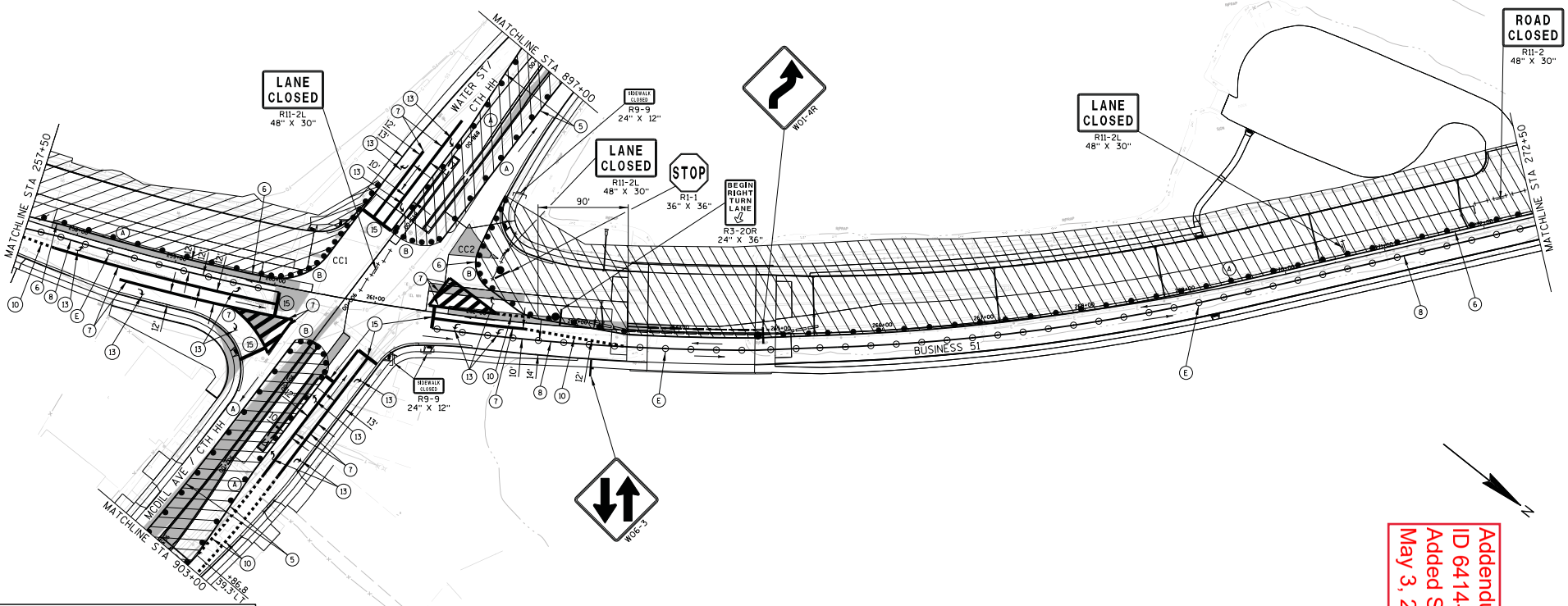
- (6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (10) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
- (15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BQ
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BQ	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025043-tc stage3B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	259+91.5 BUSINESS 51 899+75.3 McDILL AVENUE/CTH HH	66.0' LT 99.0' RT	60.0'	Y= 191620.463 X= 171248.377
CC2	262+24.1 BUSINESS 51 898+77.1 McDILL AVENUE/CTH HH	56.1' LT 105.2' LT	30.0'	Y= 191822.410 X= 171145.592



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BR
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BR	E

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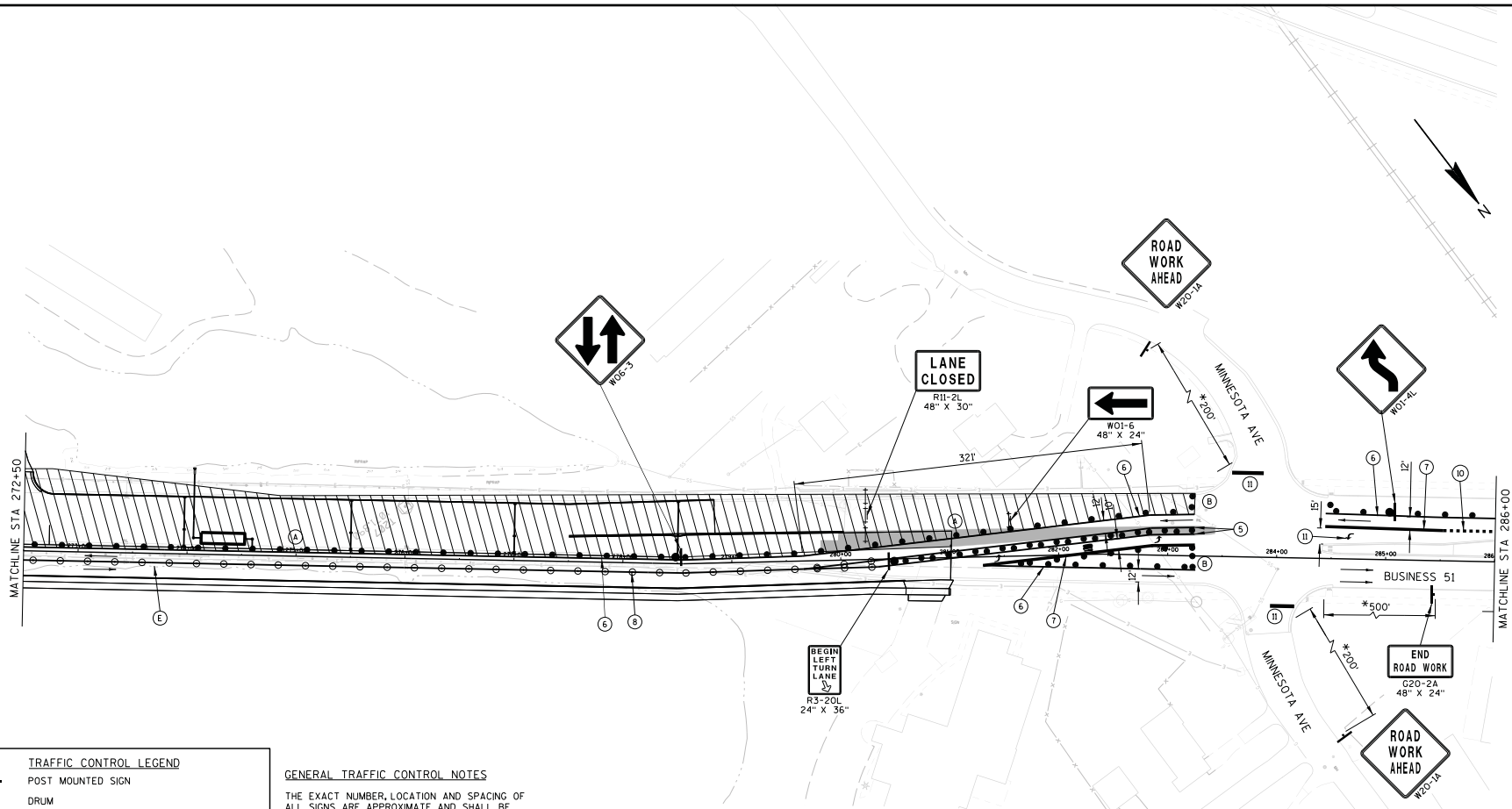
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



2

2

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

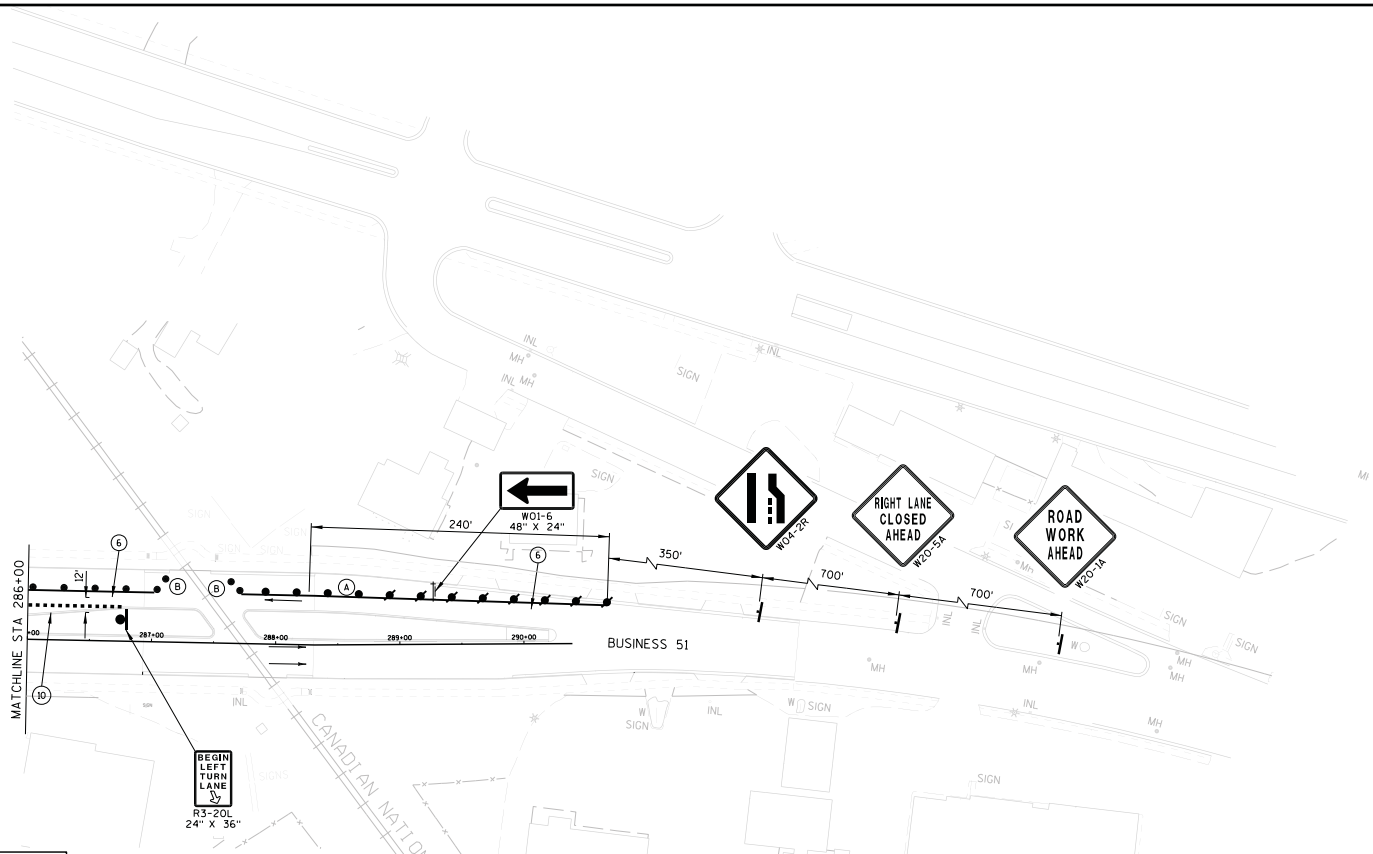
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE, SHORT SKIP)
(11) USE EXISTING PAVEMENT MARKING

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BS
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BS	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BT
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BT	E

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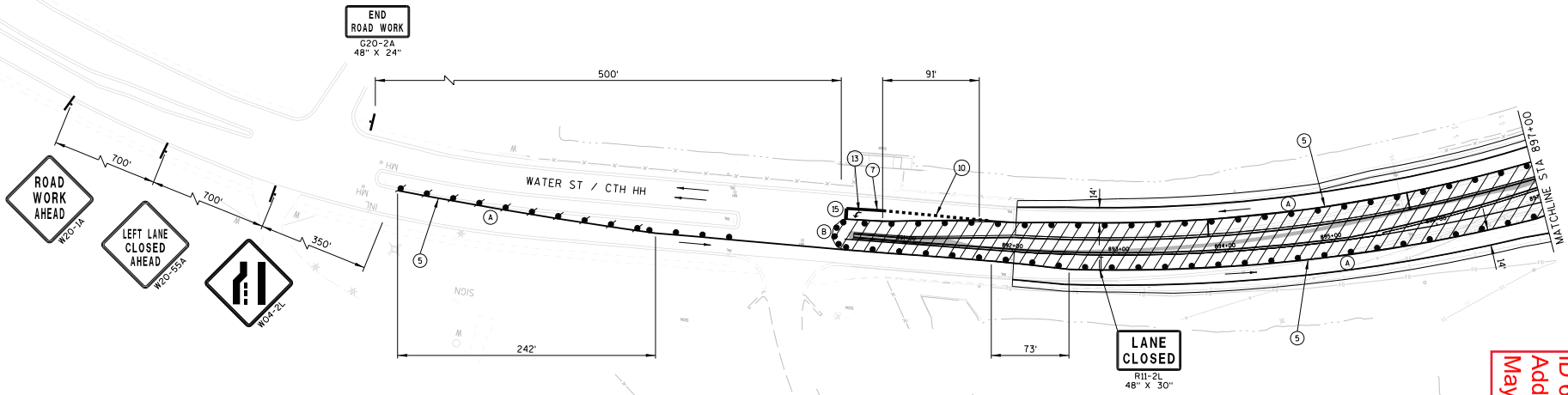


N

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

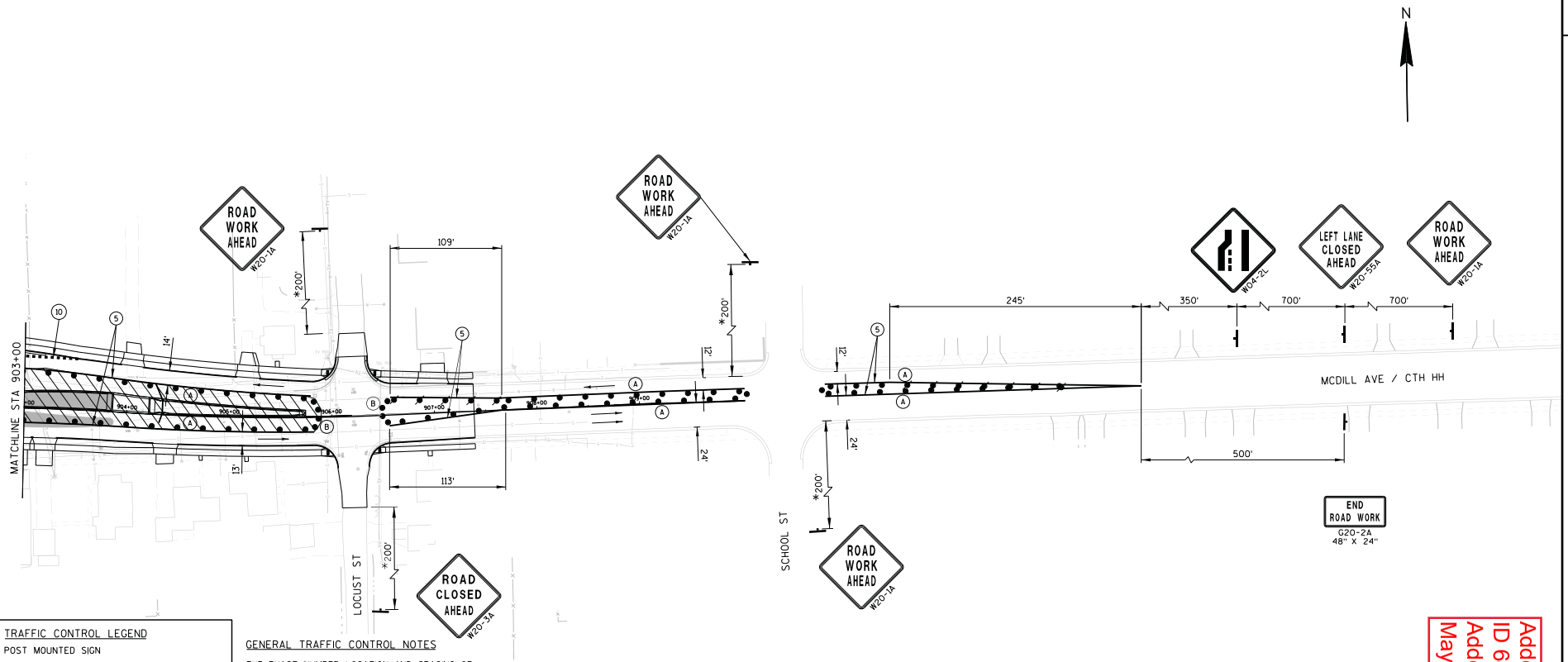
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BU
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BU	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025047-tc stage3B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

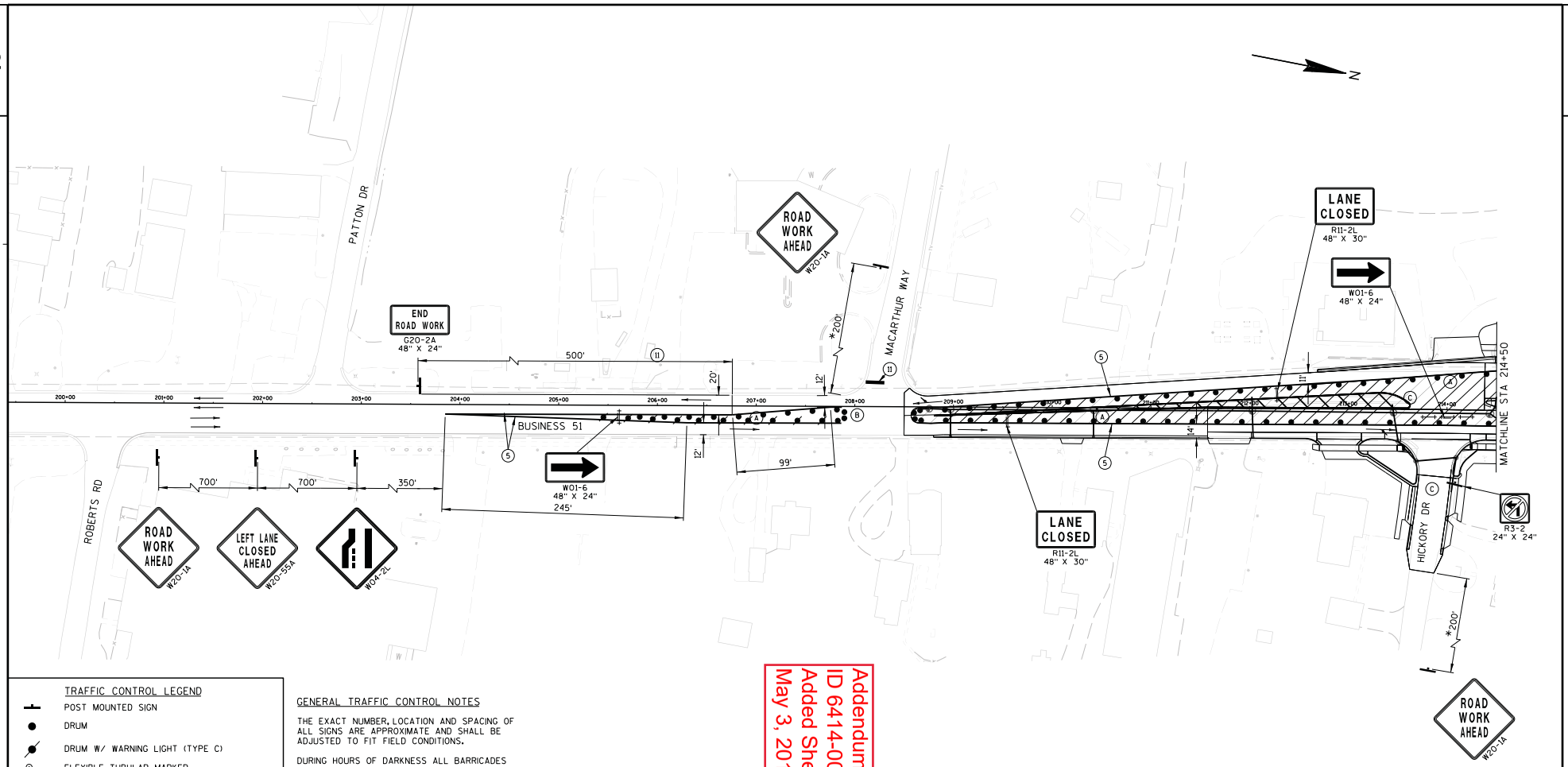
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BV
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 3B	SHEET 174BV	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BW
May 3, 2018

STAGE 4A DESCRIPTION:

BUSINESS 51 TRAFFIC IS PLACED ON THE OUTSIDE LANES OF THE NEWLY CONSTRUCTED ROADWAY WHILE THE MEDIANS ARE CONSTRUCTED. NB BUSINESS 51 TRAFFIC IS SHIFTED WEST AT THE INTERSECTION WITH CTH HH TO ALLOW ISLAND AND PAVEMENT CONSTRUCTION. CTH HH TRAFFIC REMAINS AS IN STAGE 3B.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

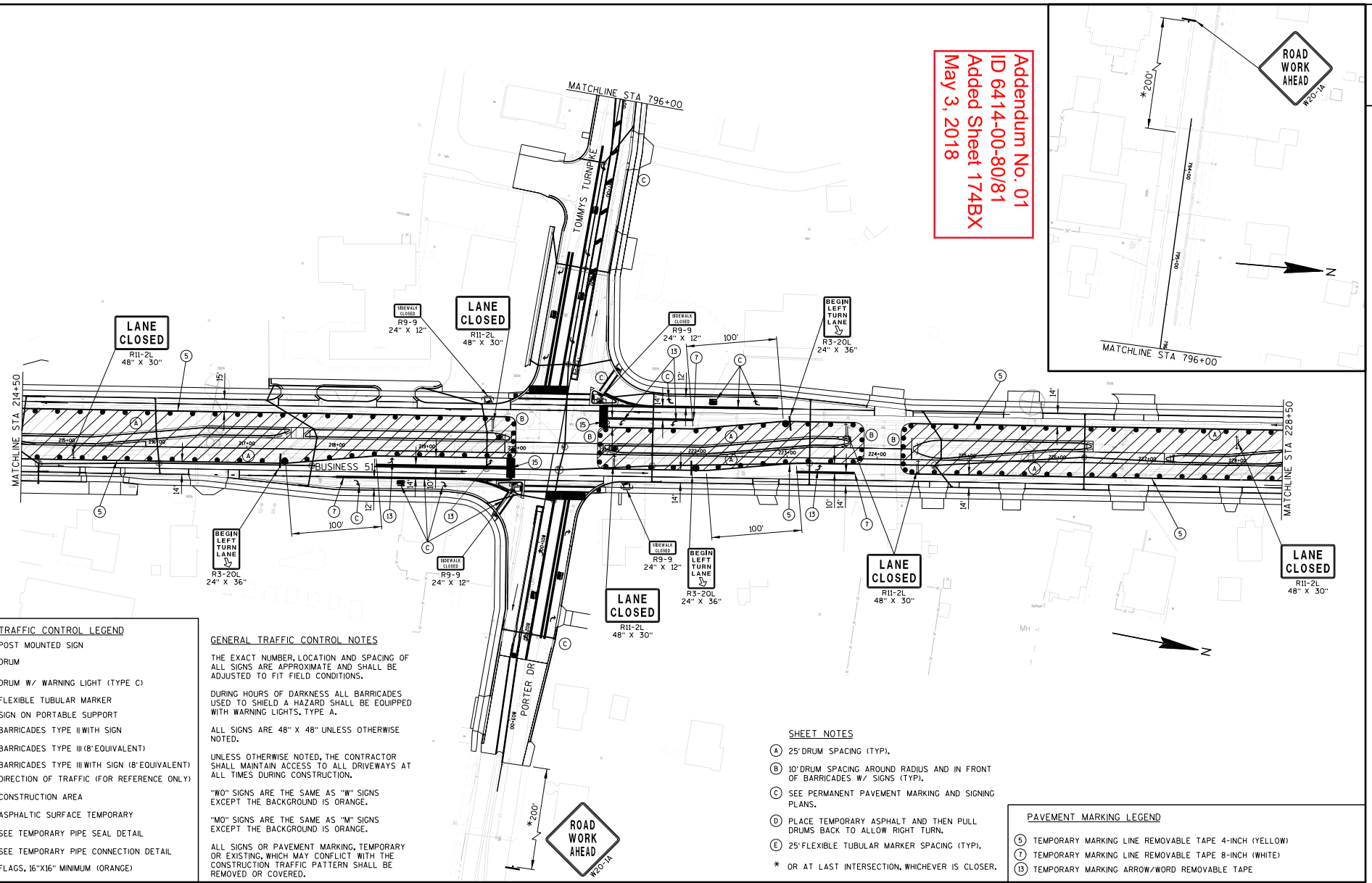
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(11) USE EXISTING PAVEMENT MARKING

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174BW	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025049-tc stage4A.dgn
PLOT DATE : 4/25/2018
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : $$.....plotscale.....$$
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BX
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

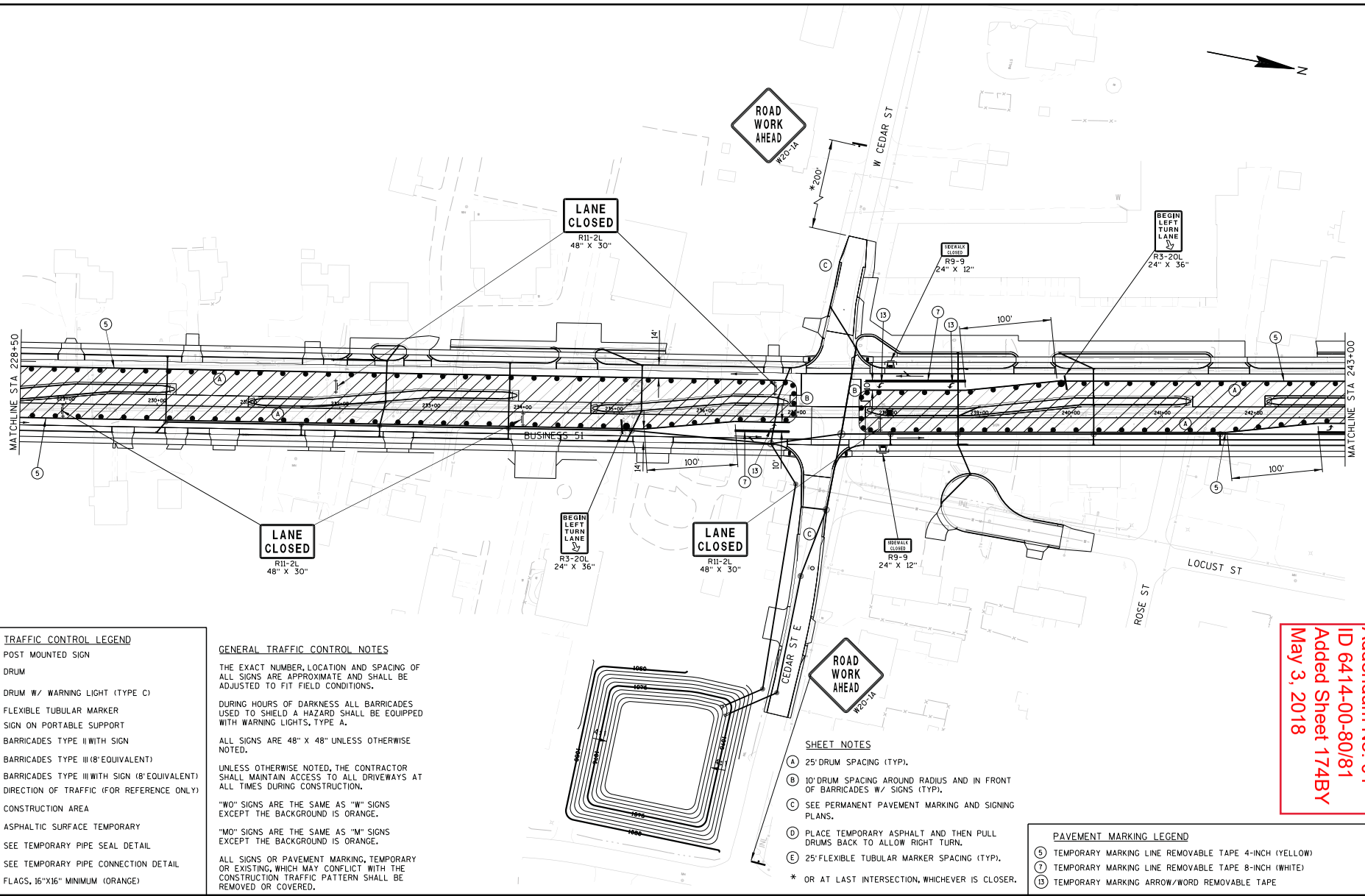
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174BX	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025050-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

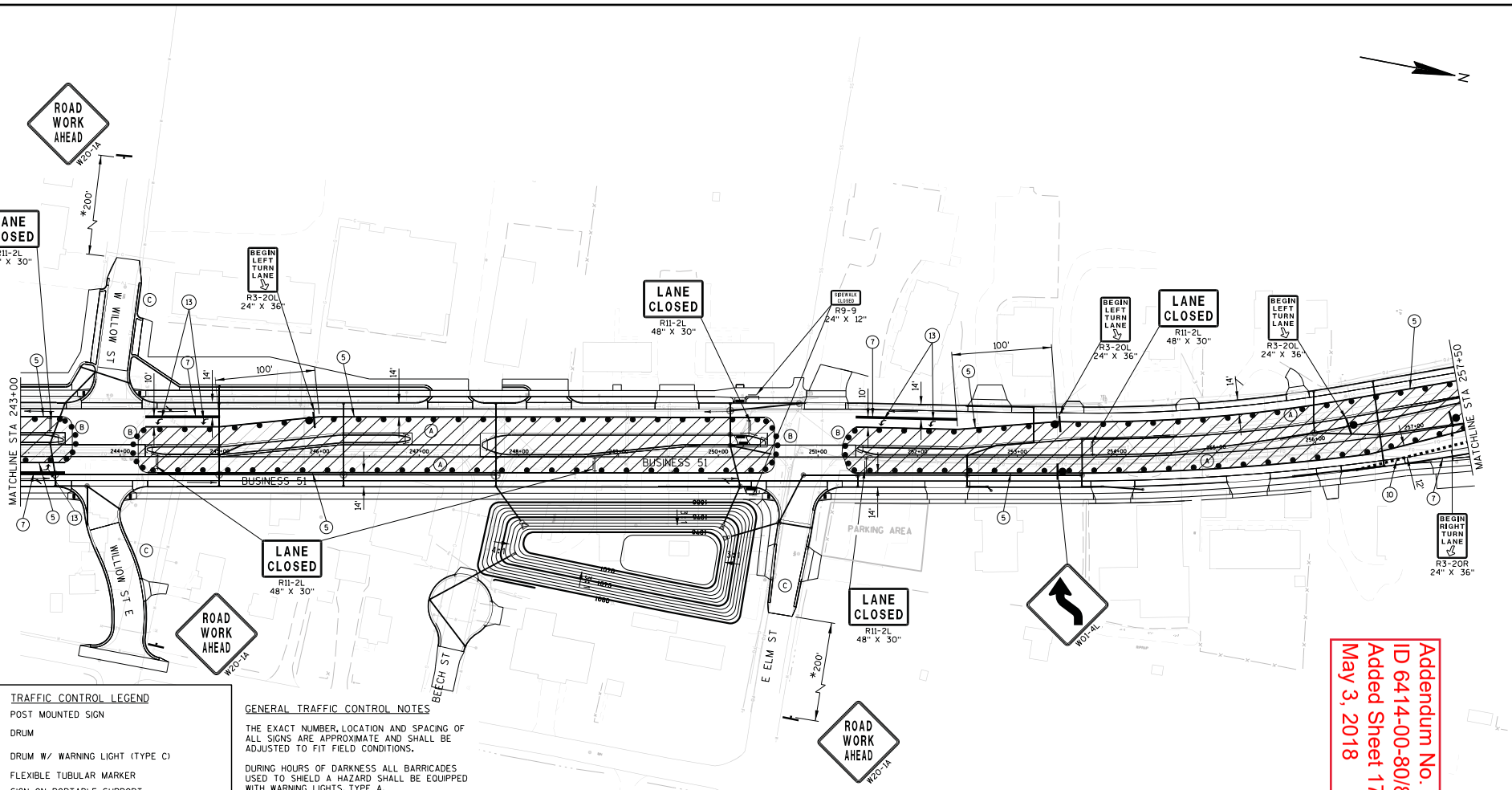
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BY
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174BY	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025051-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174BZ
May 3, 2018

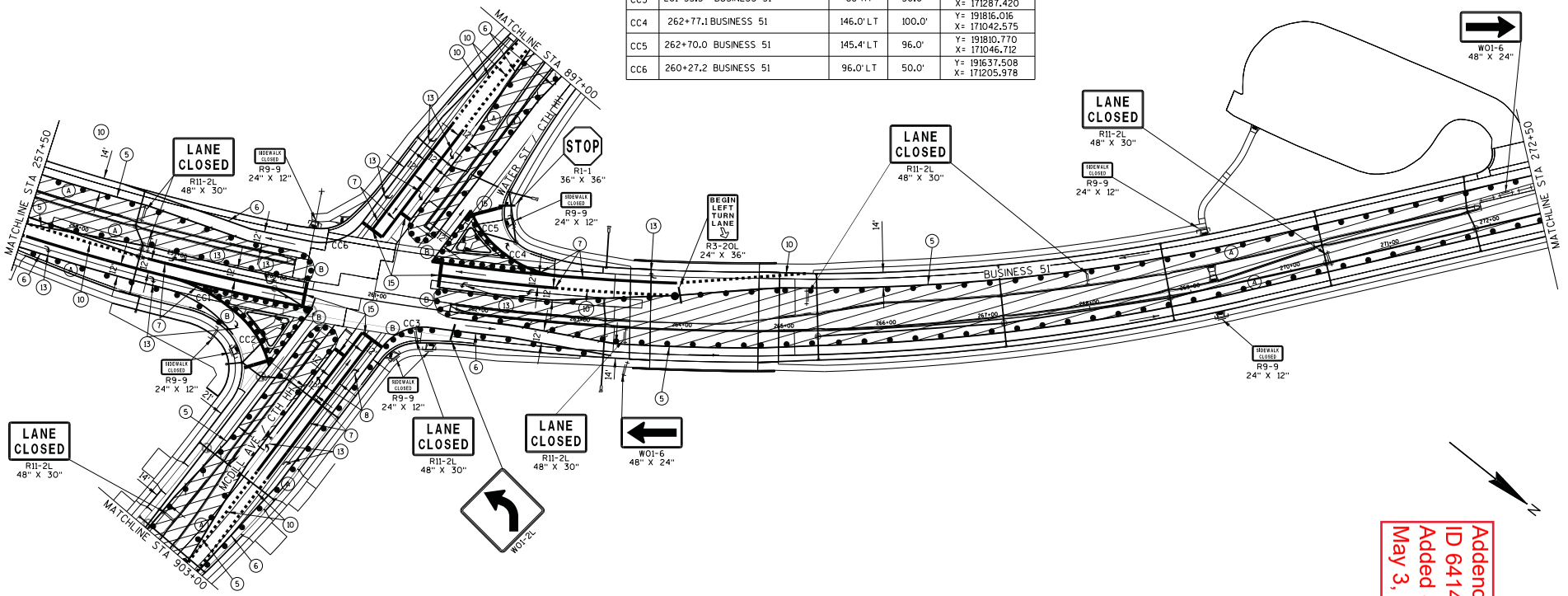
PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174BZ	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025052-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

2

2

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	258+98.7 BUSINESS 51	168.0' RT	150.0'	Y= 191634.819 X= 171500.706
CC2	259+29.9 BUSINESS 51	122.6' RT	96.0'	Y= 191643.844 X= 171446.618
CC3	261+55.3 BUSINESS 51	68' RT	50.0'	Y= 191828.399 X= 171287.420
CC4	262+77.1 BUSINESS 51	146.0' LT	100.0'	Y= 191816.016 X= 171042.575
CC5	262+70.0 BUSINESS 51	145.4' LT	96.0'	Y= 191810.770 X= 171046.712
CC6	260+27.2 BUSINESS 51	96.0' LT	50.0'	Y= 191637.508 X= 171205.978



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CA
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

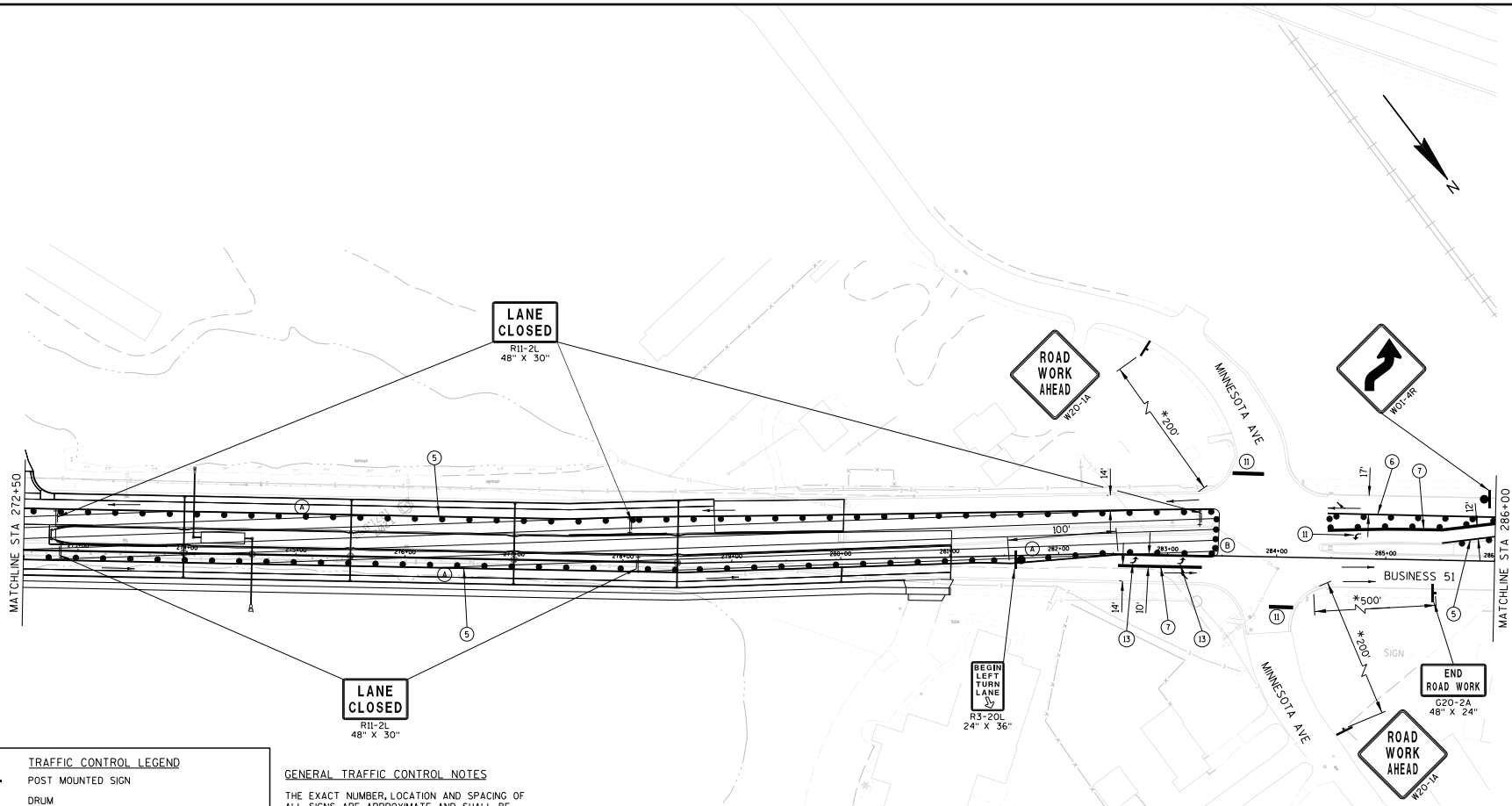
(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174CA	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025053-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

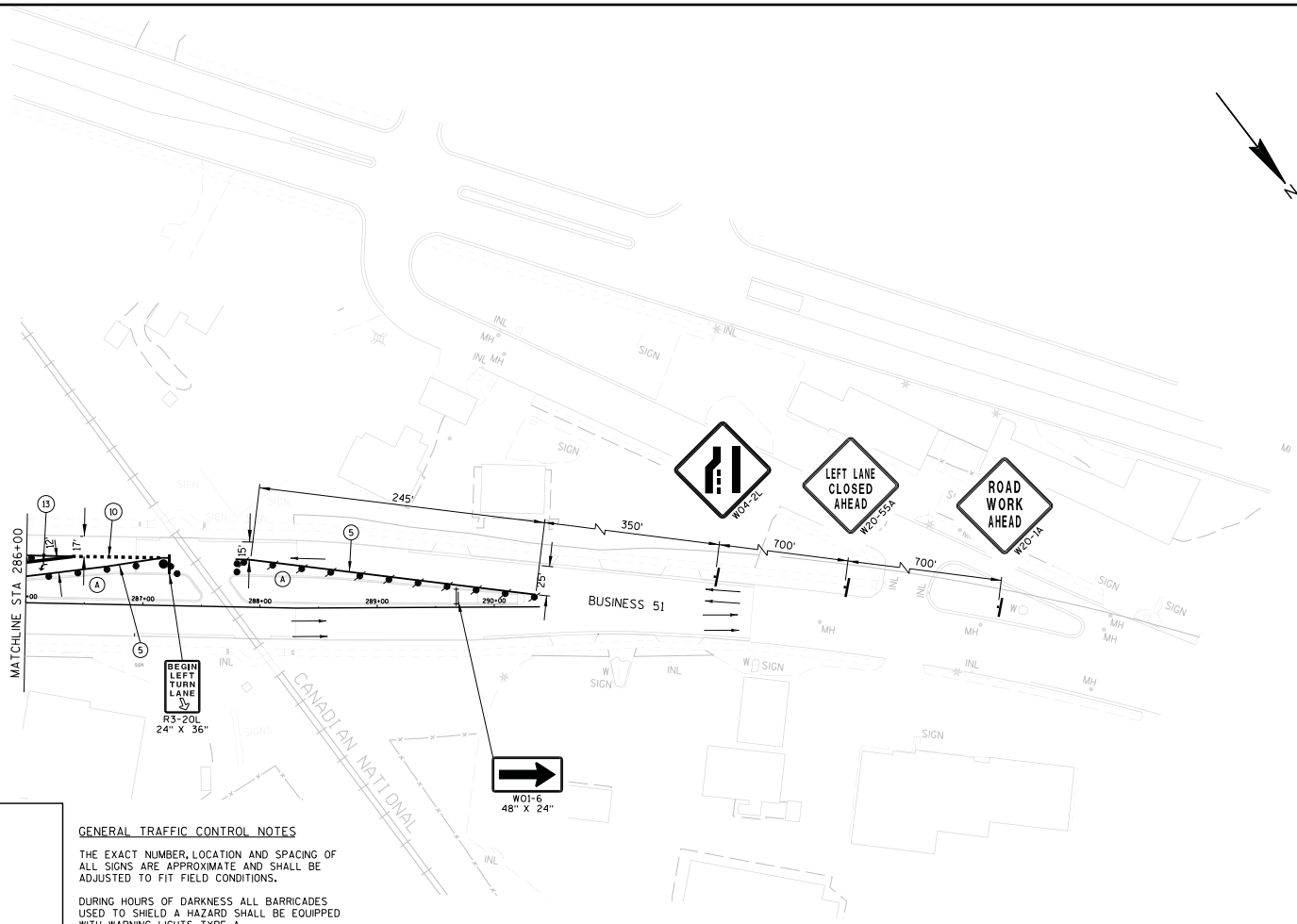
PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(11) USE EXISTING PAVEMENT MARKING
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CB
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174CB	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025054-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)

(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CC
May 3, 2018

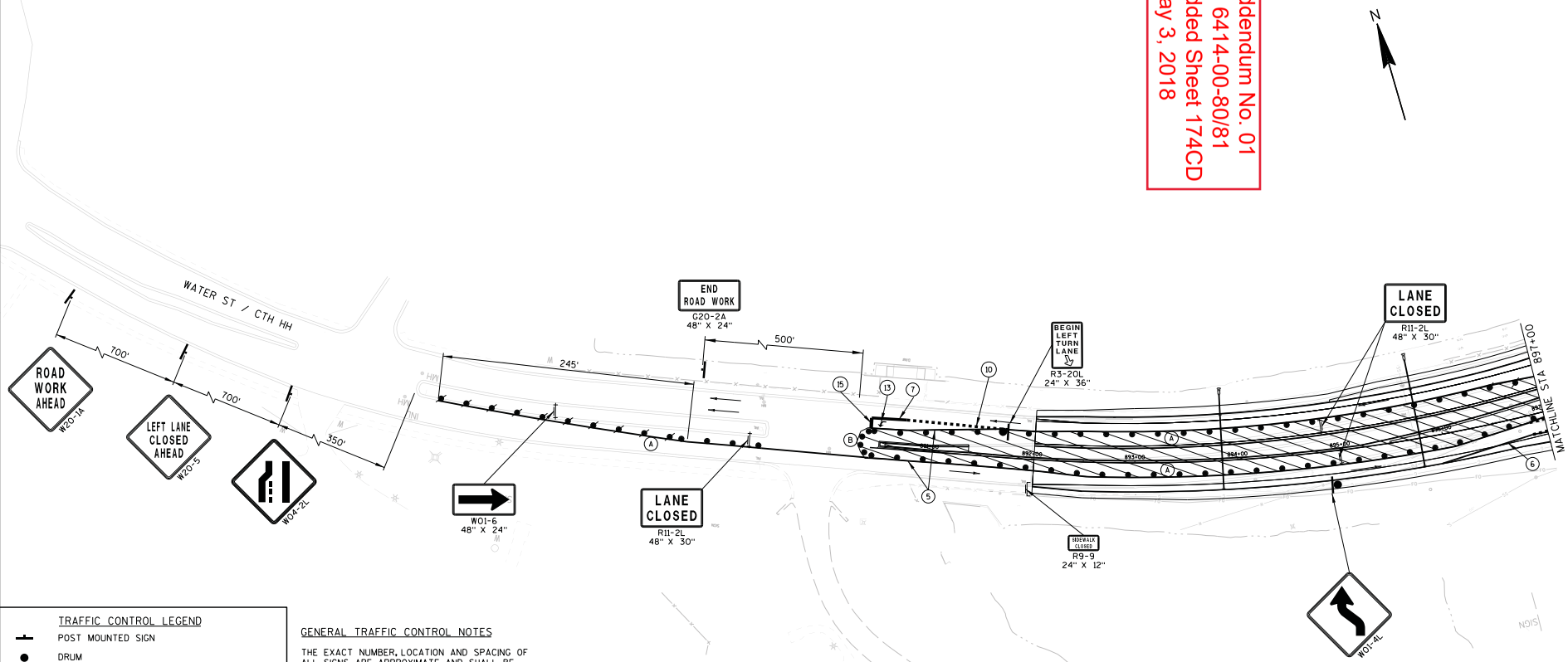
PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174CC	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025055-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

2

2

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CD
May 3, 2018



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

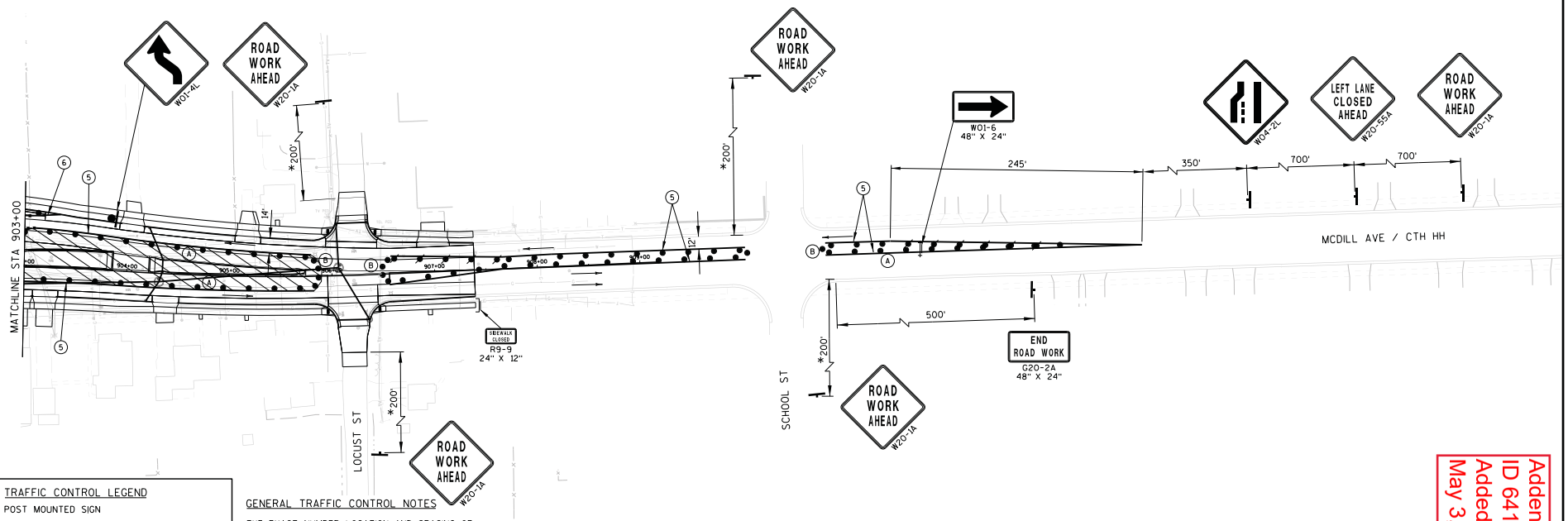
SHEET NOTES

(A) 25' DRUM SPACING (TYP).
(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(10) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, SHORT SKIP)
(13) TEMPORARY MARKING LINE ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING LINE STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174CD	E



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

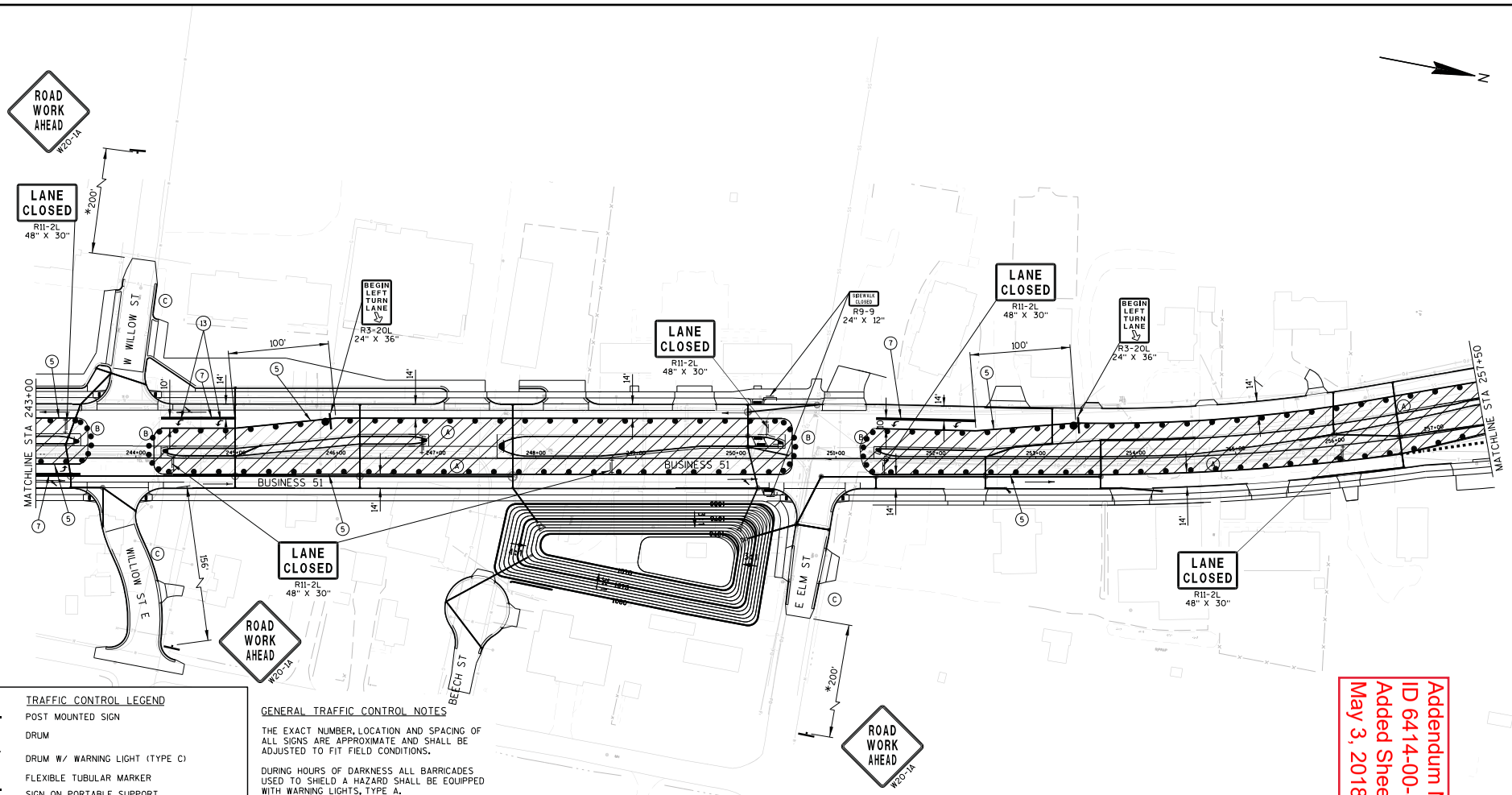
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CE
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4A	SHEET 174CE	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025057-tc stage4A.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

STAGE 4B DESCRIPTION:

TRAFFIC REMAINS CONTROLLED AS IN STAGE 4A EXCEPT NB BUSINESS 51 TRAFFIC IS SHIFTED EAST AT THE INTERSECTION WITH CTH HH TO ALLOW FOR MEDIAN AND PAVEMENT CONSTRUCTION.

SHEET NOTES

- (A) 25' DRUM SPACING (TYP).
- (B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).
- (C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.
- (D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.
- (E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).
- * OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

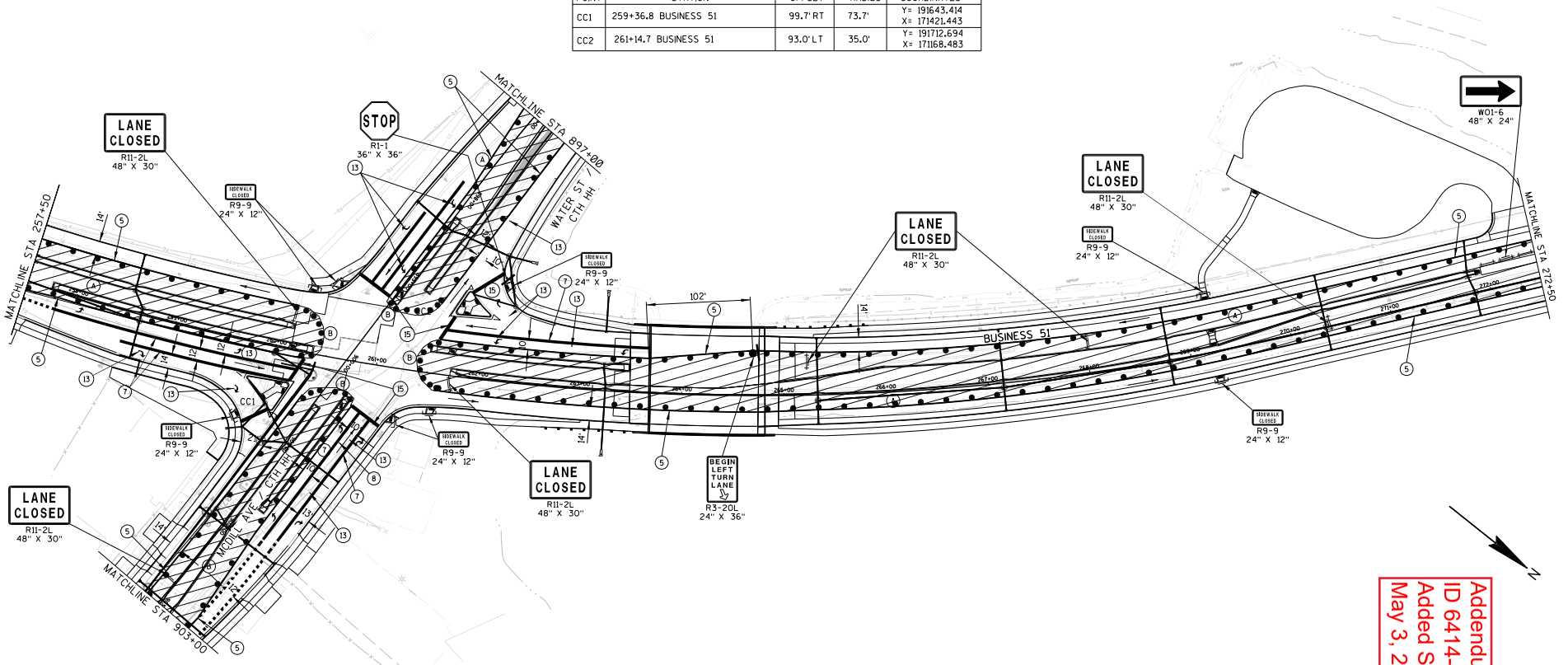
- (5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CF
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4B	SHEET 174CF	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025058-tc stage4B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	259+36.8 BUSINESS 51	99.7' RT	73.7'	Y= 191643.414 X= 171421.443
CC2	261+14.7 BUSINESS 51	93.0' LT	35.0'	Y= 191712.694 X= 171168.483



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CG
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

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"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

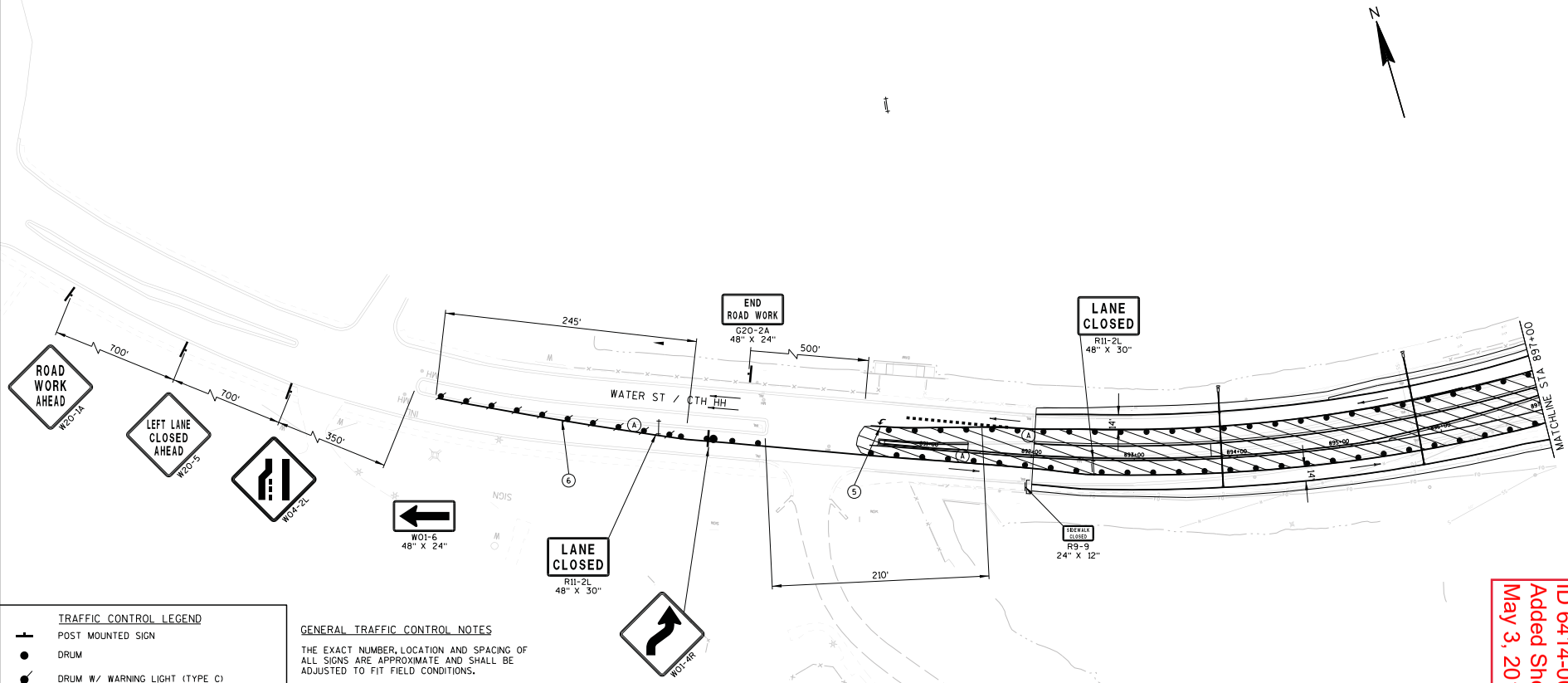
* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(7) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(13) TEMPORARY MARKING ARROW/WORD REMOVABLE TAPE
(15) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4B	SHEET 174CG	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025059-tc stage4B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

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"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

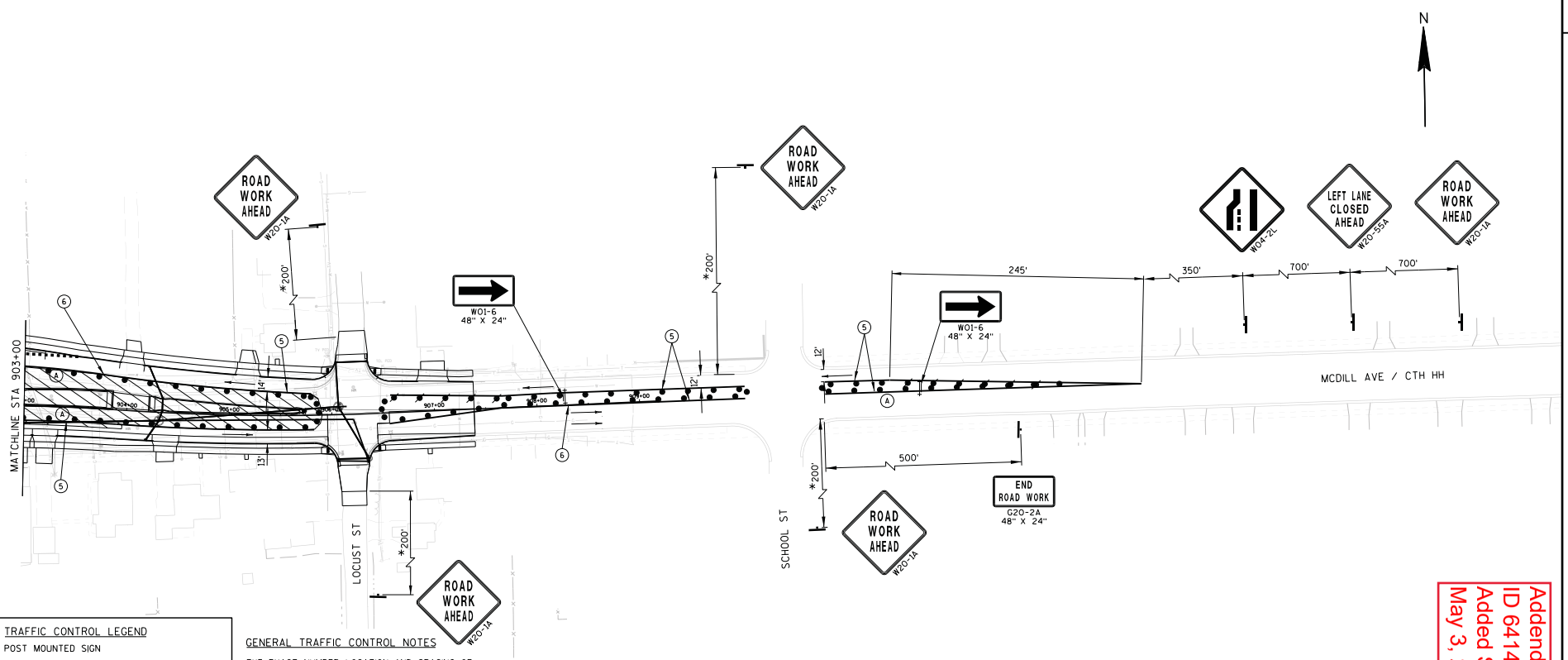
(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

(9) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE, SHORT SKIP)

Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CH
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4B	SHEET 174CH	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025060-tc stage4B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



Addendum No. 01
ID 6414-00-80/81
Added Sheet 174CI
May 3, 2018

TRAFFIC CONTROL LEGEND

- POST MOUNTED SIGN
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- FLEXIBLE TUBULAR MARKER
- SIGN ON PORTABLE SUPPORT
- BARRICADES TYPE II WITH SIGN
- BARRICADES TYPE III (8' EQUIVALENT)
- BARRICADES TYPE III WITH SIGN (8' EQUIVALENT)
- DIRECTION OF TRAFFIC (FOR REFERENCE ONLY)
- CONSTRUCTION AREA
- ASPHALTIC SURFACE TEMPORARY
- ▲1 SEE TEMPORARY PIPE SEAL DETAIL
- ▲2 SEE TEMPORARY PIPE CONNECTION DETAIL
- FLAGS, 16"X16" MINIMUM (ORANGE)

GENERAL TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

SHEET NOTES

(A) 25' DRUM SPACING (TYP).

(B) 10' DRUM SPACING AROUND RADIUS AND IN FRONT OF BARRICADES W/ SIGNS (TYP).

(C) SEE PERMANENT PAVEMENT MARKING AND SIGNING PLANS.

(D) PLACE TEMPORARY ASPHALT AND THEN PULL DRUMS BACK TO ALLOW RIGHT TURN.

(E) 25' FLEXIBLE TUBULAR MARKER SPACING (TYP).

* OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.

PAVEMENT MARKING LEGEND

(5) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

(6) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)

(8) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	TRAFFIC CONTROL STAGE 4B	SHEET 174CI	E

FILE NAME : P:\SEHIN\14002 - Bus 51_Tmy's Trnpke-Elm St (-10)\Cad\025061-tc stage4B.dgn PLOT DATE : 4/25/2018 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

EARTHWORK SUMMARY

DIVISION	STATION	LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2)(3) SALVAGED/ UNUSABLE MATERIAL CY	(4) AVAILABLE MATERIAL CY	(5) 205.0400 EXCAVATION MARSH CY	(6) 208.1100 SELECT BORROW CY	313.0115 PIT RUN CY	UNEXPANDED FILL CY	(7) EXPANDED FILL CY	(8) MASS ORDINATE CY	WASTE CY	COMMENTS
DIVISION 1 (STAGE 1)													
PROJECT 6414-00-80													
BUSINESS 51													
	206+82 - 207+08	WIDENING - LT	20	7	13	0	0	0	0	0	13	7	STAGE 1A
	208+52 - 210+42	WIDENING - LT	60	11	49	0	0	0	0	0	49	11	STAGE 1A
	208+67 - 213+68	MEDIAN	325	140	185	0	0	0	0	0	185	140	STAGE1B
	206+82 - 207+08	WIDENING - LT	10	7	3	0	0	0	0	0	3	7	STAGE 1C
	208+52 - 210+42	WIDENING - LT	20	16	4	0	0	0	0	0	4	16	STAGE 1C
	207+82 - 252+50	TEMPORARY SIDEWALK - LT	260	4	256	0	0	0	0	0	256	4	
	215+88 - 217+32	MEDIAN	110	35	75	0	0	0	0	0	75	35	
	217+45 - 219+87	MEDIAN	150	45	105	0	0	0	0	0	105	45	
	217+04 - 220+16	WIDENING - LT	155	45	110	0	0	0	0	0	110	45	
	220+69 - 220+83	ISLAND - LT	8	4	4	0	0	0	0	0	4	4	
	221+09 - 223+18	WIDENING - LT	110	17	93	0	0	0	0	0	804	17	
PROJECT 6414-00-80 SUBTOTAL			1228	331	897	0	0	0	0	0	1608	331	
PROJECT 6414-00-81													
BUSINESS 51	252+50 - 260+15	TEMPORARY SIDEWALK - LT	70	0	70	0	0	0	0	0	70	0	
	254+95 - 260+42	MEDIAN	125	60	65	0	0	0	0	0	65	60	
	260+16 - 260+38	ISLAND - RT	17	6	11	0	0	0	0	0	11	6	
	261+65 - 262+00	ISLAND - LT	26	8	18	0	0	0	0	0	18	8	
	261+56 - 263+68	MEDIAN	32	13	19	0	0	0	0	0	19	13	
	279+99 - 283+41	MEDIAN	210	66	144	0	0	0	0	0	144	66	
CTH HH	890+46'EB' - 899+10'EB'	MEDIAN	280	115	165	0	0	0	0	0	165	115	
	899+18'EB' - 899+41'EB'	ISLAND - RT	8	4	4	0	0	0	0	0	4	4	
MCDILL AVENUE	900+10'EB' - 903+88'EB'	MEDIAN	280	75	205	0	0	0	0	0	205	75	
	899+54'WB' - 904+05'WB'	WIDENING - LT	875	200	675	0	0	0	0	0	675	200	
PROJECT 6414-00-81 SUBTOTAL			1923	547	1376	0	0	0	0	0	1376	547	
DIVISION 1 (STAGE 1) TOTAL			**3151**	**878**	**2273**	**0**	**0**	**0**	**0**	**0**	**2984**	**878**	
DIVISION 2 (STAGE 2)													
PROJECT 6414-00-80													
	208+50 - 214+00	BUSINESS 51	1115	355	760	0	0	0	4	5	755	355	
	80+28 - 81+65	HICKORY DRIVE	420	100	320	0	0	0	0	0	320	100	
	214+00 - 220+50	BUSINESS 51	1170	640	530	0	0	0	96	125	405	640	
	800+30 - 803+48	PORTER DRIVE	1400	325	1075	0	0	0	42	55	1020	325	
	220+50 - 237+00	BUSINESS 51	4900	815	4085	0	0	0	61	80	4005	815	
	85+30 - 88+30	E. CEDAR STREET	670	100	570	0	0	0	0	0	570	100	
	88+00 - 90+00	INFILTRATION POND	6880	0	6880	0	0	0	0	0	6880	0	
	237+00 - 243+50	BUSINESS 51	1990	105	1885	0	0	0	85	110	1775	105	
	10+18 - 11+85	LOCUST STREET CUL-DE-SAC	445	65	380	0	0	0	39	50	330	65	
	90+30 - 92+12	E. WILLOW STREET	620	60	560	0	0	0	8	10	550	60	
	243+50 - 250+50	BUSINESS 51	2190	200	1990	0	0	0	0	0	1990	200	
	20+75 - 21+85	BEECH STREET CUL-DE-SAC	295	45	250	0	0	0	0	0	250	45	
	247+10 - 250+40	INFILTRATION POND	7640	35	7605	0	0	0	0	0	7605	35	
	95+30 - 96+60	ELM STREET	510	50	460	0	0	0	27	35	425	50	
	250+50 - 252+50	BUSINESS 51	450	60	390	0	0	0	0	0	390	60	
PROJECT 6414-00-80 SUBTOTAL			30695	2955	27740	0	0	0	362	470	27270	2955	

(1) EXCAVATION COMMON IS THE TOTAL VOLUME OF CUT. ITEM NUMBER 205.0100

(2) SALVAGED/ UNUSABLE PAVEMENT MATERIAL ARE INCLUDED IN THE QUANTITY OF EXCAVATION COMMON.

(3) SALVAGED/ UNUSABLE PAVEMENT MATERIAL. INCLUDES PAVEMENT, ASPHALT, CURB AND GUTTER AND SIDEWALKS. ASPHALT DRIVEWAYS AND PARKING LOTS WERE ESTIMATED AT 3" DEPTH.

(4) AVAILABLE MATERIAL = EXCAVATION COMMON - UNUSABLE PAVEMENT MATERIAL.

(5) MARSH EXCAVATION WAS ASSUMMED AT A DEPTH OF 5.0'. NINE HAND AUGER DEPTHS WERE TAKEN TO A DEPTH OF 4'-5'.

(6) ALL EXCAVATED MARSH AREAS AND FILL AREAS TO ELEVATION 1068.00 WITHIN THE CAUSEWAY LIMITS WILL BE FILLED WITH THE ITEM OF SELECT BORROW. WASTE MATERIAL BELOW THE ROADWAY SUBGRADE LIMITS DOWN TO ELEVATION 1068.00 MAY BE USED WITH THE APPROVAL OF THE ENGINEER IN THE FIELD AND WILL BE FREE OF ALL UNUSABLE MATERIAL. THE SELECT BORROW INCLUDES 25% UNDISTRIBUTED QTY.

(7) STAGES 1, 2, 3 AND 4 EXPANDED FILL FACTOR = 1.30

(8) THE MASS ORDINATE + OR -QTY FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL AND A MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

THE MASS ORDINATE IS = EXCAVATION COMMON - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL.

BUSINESS 51 STAGE 2 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' LEFT OF THE NB REFERENCE LINE AND COULD VARY DEPENDINGON ACTUAL CONTRACTOR OPERATIONS IN THE FIELD.

BUSINESS 51 STAGE 3 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' RIGHT OF THE SB MEDIAN EDGE AND COULD VARY DEPENDINGON ACTUAL CONTRACTOR OPERATIONS IN THE FIELD.

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 226
May 3, 2018

EARTHWORK SUMMARY (CONT'D)

DIVISION	STATION	LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2)(3) SALVAGED/ UNUSABLE MATERIAL CY	(4) AVAILABLE MATERIAL CY	(5) 205.0400 EXCAVATION MARSH CY	(6) 208.1100 SELECT BORROW CY	313.0115 PIT RUN CY	UNEXPANDED FILL CY	(7) EXPANDED FILL CY	(8) MASS ORDINATE CY	WASTE CY	COMMENTS
PROJECT 6414-00-81													
	252+50 - 260+50	BUSINESS 51	1605	325	1280	0	0	0	69	90	1190	325	
	900+20 - 907+39	MCDILL AVENUE	3420	910	2510	0	0	0	50	65	2445	910	
	99+10 - 99+72	LOCUST STREET S	125	30	95	0	0	0	0	0	95	30	
	100+35 - 100+80	LOCUST STREET N	90	25	65	0	0	0	0	0	65	25	
	260+50 - 263+49	BUSINESS 51	30	85	-55	1900	3300	970	1988	2585	-2640	85	
	264+95 - 281+01	BUSINESS 51	965	335	630	15600	26400	6800	9169	11920	-11290	335	
	270+50 - 276+00	CAUSEWAY						160					
PROJECT 6414-00-81 SUBTOTAL			6235	1710	4525	17500	29700	7930	11276	14660	-10135	1710	
DIVISION 2 (STAGE 2) TOTAL			**36930**	**4665**	**32265**	**17500**	**29700**	**7930**	**11638**	**15130**	**17135**	**4665**	
DIVISION 3 (STAGE 3)													
PROJECT 6414-00-80													
	208+50 - 214+00	BUSINESS 51	795	240	555	0	0	0	0	0	555	240	
	214+00 - 220+50	BUSINESS 51	1010	470	540	0	0	0	8	10	530	470	
	793+60 - 796+46	TOMMY'S TURNPIKE	2855	555	2300	0	0	0	96	125	2175	555	
	59+00 - 59+70	THEATER DRIVE	265	40	225	0	0	0	0	0	225	40	
	220+50 - 237+00	BUSINESS 51	5230	950	4280	0	0	0	42	55	4225	950	
	83+00 - 84+46	W. CEDAR STREET	495	70	425	0	0	0	0	0	425	70	
	237+00 - 243+50	BUSINESS 51	2125	440	1685	0	0	0	0	0	1685	440	
	88+00 - 89+46	W. WILLOW STREET	510	95	415	0	0	0	0	0	415	95	
	243+50 - 250+50	BUSINESS 51	2160	465	1695	0	0	0	0	0	1695	465	
	250+50 - 252+50	BUSINESS 51	570	100	470	0	0	0	0	0	470	100	
PROJECT 6414-00-80 SUBTOTAL			16015	3425	12590	0	0	0	146	190	12400	3425	
PROJECT 6414-00-81													
	252+50 - 260+50	BUSINESS 51	1580	500	1080	0	0	0	62	80	1000	500	
	892+03 - 899+35	CTH - HH	2650	1500	1150	0	0	0	254	330	820	1500	
	260+50 - 263+49	BUSINESS 51	95	180	-85	0	0	0	504	655	-740	180	
	264+95 - 281+01	BUSINESS 51	1920	420	1500	0	0	0	388	505	995	420	
	0+40 - 1+60	BOAT LANDING SW	1	0	1	0	0	0	103	135	-134	0	
PROJECT 6414-00-81 SUBTOTAL			6246	2600	3646	0	0	0	1311	1705	1941	2600	
DIVISION 3 (STAGE 3) TOTAL			**22261**	**6025**	**16236**	**0**	**0**	**0**	**1457**	**1895**	**14341**	**6025**	

(1) EXCAVATION COMMON IS THE TOTAL VOLUME OF CUT. ITEM NUMBER 205.0100

(2) SALVAGED/ UNUSABLE PAVEMENT MATERIAL ARE INCLUDED IN THE QUANTITY OF EXCAVATION COMMON.

(3) SALVAGED/ UNUSABLE PAVEMENT MATERIAL. INCLUDES PAVEMENT, ASPHALT, CURB AND GUTTER AND SIDEWALKS. ASPHALT DRIVEWAYS ANDPARKING LOTS WERE ESTIMATEDAT 3" DEPTH.

(4) AVAILABLE MATERIAL = EXCAVATION COMMON - UNUSABLE PAVEMENT MATERIAL.

(5) MARSH EXCAVATION WAS ASSUMMED AT A DEPTH OF 5.0'. NINE HAND AUGER DEPTHS WERE TAKEN TO A DEPTH OF 4'-5'.

(6) ALL EXCAVATED MARSH AREAS AND FILL AREAS TO ELEVATION 1068.00 WITHIN THE CAUSEWAY LIMITS WILL BE FILLED WITH THE ITEM OF SELECT BORROW. WASTE MATERIAL BELOW THE ROADWAY SUBGRADE LIMITS DOWN TO ELEVATION 1068.00 MAY BE USED WITH THE APPROVAL OF THE ENGINEER IN THE FIELD AND WILL BE FREE OF ALL UNUSABLE MATERIAL. THE SELECT BORROW INCLUDES 25% UNDISTRIBUTED QTY.

(7) STAGES 1, 2, 3 AND 4 EXPANDED FILL FACTOR = 1.30

(8) THE MASS ORDINATE + OR - QTY FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL AND A MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

THE MASS ORDINATE IS = EXCAVATION COMMON - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL.

BUSINESS 51 STAGE 2 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' LEFT OF THE NB REFERENCE LINE AND COULD VARY DEPENDING ONACTUAL CONTRACTOR OPERATIONS IN THE FIELD.

BUSINESS 51 STAGE 3 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' RIGHT OF THE SB MEDIAN EDGE AND COULD VARY DEPENDING ONACTUAL CONTRACTOR OPERATIONS IN THE FIELD.

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ID 6414-00-80/81
Revised Sheet 227
May 3, 2018

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

EARTHWORK SUMMARY (CONT'D)

			(1) 205.0100 EXCAVATION COMMON	(2)(3) SALVAGED/ UNUSABLE MATERIAL	(4) AVAILABLE MATERIAL	(5) 205.0400 EXCAVATION MARSH	(6) 208.1100 SELECT BORROW	313.0115 PIT RUN	(7) UNEXPANDED FILL	(7) EXPANDED FILL	(8) MASS ORDINATE	WASTE
DIVISION 4 (STAGE 4)												
PROJECT 6414-00-80												
	208+50 - 214+00	BUSINESS 51	25	0	25	0	0	0	0	0	25	0
	214+00 - 220+50	BUSINESS 51	345	300	45	0	0	0	4	5	40	300
	220+50 - 237+00	BUSINESS 51	1370	470	900	0	0	0	0	0	900	470
	237+00 - 243+50	BUSINESS 51	535	135	400	0	0	0	0	0	400	135
	243+50 - 250+50	BUSINESS 51	550	170	380	0	0	0	69	90	290	170
	250+50 - 252+50	BUSINESS 51	160	50	110	0	0	0	4	5	105	50
PROJECT 6414-00-80 SUBTOTAL			2985	1125	1860	0	0	0	77	100	1760	1125
PROJECT 6414-00-81												
	252+50 - 260+50	BUSINESS 51	425	210	215	0	0	0	8	10	205	210
	260+50 - 263+49	BUSINESS 51	0	100	-100	0	0	0	77	100	-200	100
	264+95 - 281+01	BUSINESS 51	10	150	-140	0	0	0	773	1005	-1145	150
	279+99 - 283+42	BUSINESS 51	73	49	24	0	0	0	773	1005	-981	49
	890+50 - 892+02	CTH-HH	19	13	6	0	0	0	773	1005	-999	13
PROJECT 6414-00-81 SUBTOTAL			527	522	5	0	0	0	2404	3125	-3120	522
DIVISION 4 (STAGE 4) TOTAL			**3512**	**1647**	**1865**	**0**	**0**	**0**	**2481**	**3225**	**-1360**	**1647**
PROJECT 6414-00-80 TOTAL			50823			0	0	0				
PROJECT 6414-00-81 TOTAL			14931			17500	29700	7930				
		GRAND TOTALS	**65854**			**17500**	**29700**	**7930**				

(1) EXCAVATION COMMON IS THE "OTAL VOLUME OF CUT. ITEM NUMBER 205.0100

(2) SALVAGED/ UNUSABLE PAVEMENT MATERIAL ARE INCLUDED IN THE QUANTITY OF EXCAVATION COMMON.

(3) SALVAGED/ UNUSABLE PAVEMENT MATERIAL. INCLUDES PAVEMENT, ASPHALT, CURB AND GUTTER AND SIDEWALKS. ASPHALT DRIVEWAYS AND PARKING LOTS WERE ESTIMATED AT 3" DEPTH.

(4) AVAILABLE MATERIAL = EXCAVATION COMMON - UNUSABLE PAVEMENT MATERIAL.

(5) MARSH EXCAVATION WAS ASSUMMED AT A DEPTH OF 5.0'. NINE HAND AUGER DEPTHS WERE TAKEN TO A DEPTH OF 4'-5'.

(6) ALL EXCAVATED MARSH AREAS AND FILL AREAS TO ELEVATION 1068.00 WITHIN THE CAUSEWAY LIMITS WILL BE FILLED WITH THE ITEM OF SELECT BORROW. WASTE MATERIAL BELOW THE ROADWAY SUBGRADE LIMITS DOWN TO ELEVATION 1068.00 MAY BE USED WITH THE APPROVAL OF THE ENGINEER IN THE FIELD AND WILL BE FREE OF ALL UNUSABLE MATERIAL. THE SELECT BORROW INCLUDES 25% UNDISTRIBUTED QTY.

(7) STAGES 1, 2, 3 AND 4 EXPANDED FILL FACTOR = 1.30

(8) THE MASS ORDINATE + OR - QTY FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL AND A MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

THE MASS ORDINATE IS = EXCAVATION COMMON - SALVAGED/UNUSABLE PAVEMENT MATERIAL - EXPANDED FILL.

BUSINESS 51 STAGE 2 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' LEFT OF THE NB REFERENCE LINE AND COULD VARY DEPENDING ONACTUAL CONTRACTOR OPERATIONS IN THE FIELD.

BUSINESS 51 STAGE 3 EARTHWORK VOLUMES ARE ESTIMATED FROM 4.0' RIGHT OF THE SB MEDIAN EDGE

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PREPARE FOUNDATION FOR

STATION	LOCATION	211.0100 ASPHALTIC PAVING (PROJECT) LS	211.0200 CONCRETE PAVING (PROJECT) LS	211.0300 CONCRETE BASE (PROJECT) LS	211.0500 BASE AGGREGATE STA
PROJECT 6414-00-80	LT & RT	1	1	1	44
PROJECT 6414-00-80 SUBTOTAL		1	1	1	44
PROJECT 6414-00-81	LT & RT	1	1	1	29
PROJECT 6414-00-81 SUBTOTAL		1	1	1	29
ITEM TOTALS		2	2	2	73

FINISHING ROADWAY (PROJECT)

STATION	LOCATION	213.0100 EACH
PROJECT 6414-00-80	LT & RT	1
PROJECT 6414-00-80 SUBTOTAL		1
PROJECT 6414-00-81	LT & RT	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTALS		2

OBLITERATING OLD ROAD

STATION	LOCATION	214.0100 STA	COMMENTS
PROJECT 6414-00-80			
STAGE 2			
237+37-238+63	RT	1	LOCUST ST
241+09	RT	1	ROSE ST
244+33	RT	1	WILLOW ST (E)
247+65	RT	1	BEECH ST
STAGE 2 SUBTOTAL		4	
PROJECT 6414-00-80 SUBTOTAL		4	
ITEM TOTAL		4	

BASE AGGREGATE

STATION	LOCATION	305.0110 DENSE 3/4-INCH TON	305.0120 * DENSE 1 1/4-INCH TON	310.0115 OPEN-GRADED CY	COMMENTS
PROJECT 6414-00-80					
STAGE 1					
206+82.6 - 208+07.4	LT		39		WIDENING
208+52.5 - 210+41.5	LT		143		WIDENING
215+88 - 217+32	MEDIAN		423		MEDIAN
217+04 - 220+16	LT		215		WIDENING
220+69 - 220+83	LT		23		ISLAND STAGE 1
221+09 - 223+16	LT		139		WIDENING
STAGE 1 SUBTOTAL			982		
STAGE 2					
208+50 - 211+57.50	RT		738		
211+57.50 - 220+95.41	RT		1365		
214+31.69 - 215+79.70	RT		110		PARKING LOT
220+95.41 - 237+75.14	RT		2060		
237+75.14 - 252+50.00	RT		1811		
HICKORY DRIVE					
80+32.61 - 81+65.00	LT & RT		352		
PORTER ROAD					
800+47.09 - 803+47.88	LT & RT		1011		
E CEDAR STREET					
85+32.29 - 88+30.00	LT & RT	30	675		
LOCUST STREET					
10+07.44 - 11+83.80	LT & RT		537		
WILLOW STREET E					
90+32.50 - 92+12.27	LT & RT		542		
BEECH STREET					
20+65.50 - 21+85.00	LT & RT		386		
E ELM STREET					
95+32.90 - 96+60.00	LT & RT		308		
DRIVEWAYS					
210+22.0	RT		4		
211+80.0	RT		6		
212+90.8	RT		21		
215+42.7	RT		100		
216+57.9	RT		23		
222+76.8	RT		17		
224+62.7	RT		21		
225+50.2	RT		18		
226+79.7	RT		27		
227+93.3	RT		13		
229+63.3	RT		11		
230+21.6	RT		11		
230+74.1	RT		19		
231+78.7	RT		15		
232+64.4	RT		15		
234+17.2	RT		68		
235+43.3	RT		29		
252+29.8	RT		21		
80+85.1	LT		18		
80+98.3	RT		20		
81+25.2	LT		4		
801+77	LT		8		
802+97.6	RT		19		
803+38.0	LT		9		
87+33.2	LT		6		
87+33.2	RT		27		
10+34.8	RT		21		
11+24.8	RT		9		
91+40.5	LT		10		
20+62.5	~		4		
21+01.0	LT		6		
96+06.6	LT		14		
96+09.0	RT		5		
STAGE 2 SUBTOTAL		30	1051		

BASE AGGREGATE (CONT'D)

STATION	LOCATION	305.0110 DENSE 3/4-INCH TON	305.0120 * DENSE 1 1/4-INCH TON	310.0115 OPEN-GRADED CY	COMMENTS
STAGE 3					
208+50 - 214+37.79	LT		1399		
214+37.79 - 220+95.41	LT		857		
220+95.41 -237+75.14	LT		2191		
237+75.14 - 252+50.00	LT		1812		
242+67.82 - 243+63.76	LT		76		PARKING LOT
244+13.29 - 247+04.37	LT		319		PARKING LOT
TOMMY'S TURNPIKE					
793+59.50 - 799+87.84	LT & RT		1992		
THEATER DRIVE					
59+00.00 - 59+66.13	LT & RT		261		
W CEDAR STREET					
83+00.00 - 84+42.31	LT & RT		348		
WILLOW STREET					
88+00.00 - 89+43.00	LT & RT		362		
DRIVEWAYS					
214+08.0	LT		37		
217+56.8	LT		68		
218+65.9	LT		74		
224+09.3	LT		28		
225+61.4	LT		30		
226+87.0	LT		33		
229+04.4	LT		11		
230+37.4	LT		14		
231+68.8	LT		11		
232+22.3	LT		38		
232+84.3	LT		46		
234+58.8	LT		219		
236+73.5	LT		12		
239+60.0	LT		296		
241+73.0	LT		123		
247+31.0	LT		45		
248+30.0	LT		55		
249+58.6	LT		23		
251+05.7	LT		43		
794+54.0	RT		8		
795+04.8	LT		15		
795+51.2	RT		4		
795+87.0	LT		9		
795+54.1	LT		27		
797+67.0	LT		30		
83+88.1	LT		42		
84+02.0	RT		12		
88+71.8	RT		46		
88+76.7	LT		22		
STAGE 3 SUBTOTAL			11038		
STAGE 4					
214+37.79 - 219+93.44	MEDIAN		754		
220+95.41 -236+62.33	MEDIAN		2040		
237+75.14 - 252+50.00	MEDIAN		1785		
STAGE 4 SUBTOTAL			4579		
PROJECT 6414-00-80 SUBTOTAL		30	27113		

Addendum No. 01
ID 6414-00-80/81
added Sheet 270A
May 3, 2018

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

*ADDITIONAL QUANTITIES SHOWN IN BRIDGE PLANS

BASE AGGREGATE (CONT'D)

STATION	LOCATION	305.0110 DENSE 3/4-INCH TON	305.0120 * DENSE 1 1/4-INCH TON	310.0115 OPEN-GRADED CY	COMMENTS
PROJECT 6414-00-81					
STAGE 1					
254+95 -260+42	MEDIAN		208		MEDIAN
261+56 -263+68	MEDIAN		129		MEDIAN
261+65 -262+00	LT		30		ISLAND
264+74 -267+29	MEDIAN		157		MEDIAN
279+81 -283+41	LT		263		
CTH HH					
890+46 -899+10	LT & RT		830		MEDIAN
MCDILL AVENUE					
899+53 -907+72	MEDIAN		957		WIDENING
STAGE 1 SUBTOTAL			2574		
STAGE 2					
252+50 -263+67.82	RT		1382		
258+51 -259+69.00	RT		152		MCDILL PARKING
262+20 -279+00	RT			125	CAUSEWAY-FILL RIP RAP VOIDS
264+50 -279+00	RT			475	CAUSEWAY-FILL RIP RAP VOIDS
264+81.27 - 281+01.00	RT		1870		
270+50 -279+00	RT			130	CAUSEWAY
CTH HH					
892+02.00 - 899+08.08	LT		852		
MCDILL AVENUE					
900+28.32 - 907+40.96	LT		922		
LOCUST STREET					
100+34.38 -100+80.00	LT & RT		88		
DRIVEWAYS					
253+95.4	RT		21		
255+30.0	RT		21		
256+10.7	RT		18		
257+34.0	RT		39		
280+75.0	RT		25		
901+82.0	LT		25		
902+32.0	LT		23		
904+03.3	LT		13		
905+17.7	LT		16		
907+00.3	LT		17		
STAGE 2 SUBTOTAL			5604	730	
STAGE 3					
252+50 -263+67.82	LT		1386		
264+81.27 - 281+01.00	LT		1603		
CTH HH					
892+02.00 - 899+24.32	RT		916		
MCDILL AVENUE					
900+43.15 - 907+40.96	RT		847		
LOCUST STREET					
99+10.00 - 99+69.65	LT & RT		120		
DRIVEWAYS					
252+72.5	LT		22		
253+55.9	LT		3		
254+68.4	LT		2		
255+86.4	LT		12		
272+37.3	LT		34		
902+44.2	RT		27		
902+96.0	RT		18		
903+21.0	RT		18		
904+39.4	RT		13		
STAGE 3 SUBTOTAL			5021		
STAGE 3A-A SUBTOTAL	LT & RT		765		
STAGE 3A-B SUBTOTAL	LT & RT		375		
STAGE 3A-C-1 SUBTOTAL	LT & RT		288		
STAGE 3A-C-2 SUBTOTAL	LT & RT		310		
STAGE 3A-D SUBTOTAL	LT & RT		48		
STAGE 3A SUBTOTAL	LT & RT		1500		

BASE AGGREGATE (CONT'D)

STATION	LOCATION	305.0110 DENSE 3/4-INCH TON	305.0120 * DENSE 1 1/4-INCH TON	310.0115 OPEN-GRADED CY	COMMENTS
STAGE 4					
252+50 - 263+34.23	MEDIAN		1501		
265+09.92 - 281+01.00	MEDIAN		1767		
CTH HH					
892+02.00 - 899+08.08	MEDIAN		563		
MCDILL AVENUE					
900+28.32 - 907+40.96	MEDIAN		432		
STAGE 4 SUBTOTAL			4263		
PROJECT 6414-00-81 SUBTOTAL			20748	730	
ITEM TOTALS		30	47861	730	

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*ADDITIONAL QUANTITIES SHOWN IN BRIDGE PLANS

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ID 6414-00-80/81
added Sheet 270B
May 3, 2018

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	MISCELLANEOUS QUANTITIES	SHEET 270B	E

ASPHALTIC CONCRETE PAVEMENT ITEMS

STATION	LOCATION	455.0605 TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON
PROJECT 6414-00-80				
STAGE 2				
208+50.00 - 211+57.50	RT	61		229
HICKORY DRIVE				
80+67.94 - 81+65.00	LT & RT	21		77
PORTER ROAD				
802+30.90 - 803+47.88	LT & RT	38		142
E CEDAR STREET				
85+64.62 - 88+30.00	LT & RT	43		162
LOCUST STREET				
10+08.26 - 11+83.80	LT & RT	38		142
WILLOW STREET E				
90+70.25 - 92+12.27	LT & RT	34		128
BEECH STREET				
20+67.50 - 21+85.00	LT & RT	28		104
E ELM STREET				
95+66.15 - 96+60.00	LT & RT	17		64
STAGE 2 SUBTOTAL		280		1047
STAGE 3				
208+50.00 - 214+37.79	LT	118		439
TOMMYS TURNPIKE				
793+59.50 - 797+95.81	LT & RT	114		427
THEATER DRIVE				
59+00.00 - 59+70.66	LT & RT	20		74
W CEDAR STREET				
83+00.00 - 84+06.02	LT & RT	18		66
WILLOW STREET				
88+00.00 - 89+11.30	LT & RT	22		83
STAGE 3 SUBTOTAL		292		1090
PROJECT 6414-00-80 SUBTOTAL		572		2137
PROJECT 6414-00-81				
STAGE 2				
LOCUST STREET				
100+57.29 -100+80.00	LT & RT	4		16
STAGE 2 SUBTOTAL		4		16
STAGE 3				
BOAT LANDING		163	304	
LOCUST STREET				
99+10.00 - 99+49.54	LT & RT	7		25
STAGE 3 SUBTOTAL		170	304	25
PROJECT 6414-00-80 SUBTOTAL		174	304	41
ITEM TOTALS		746	304	2178

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

STATION	LOCATION	465.0120 TON
PROJECT 6414-00-80		
STAGE 2		
210+22.0	RT	2
211+80.0	RT	4
212+90.8	RT	7
215+42.7	RT	41
216+57.9	RT	4
226+79.7	RT	6
231+78.7	RT	2
232+64.4	RT	2
234+17.2	RT	25
252+29.8	RT	3
80+85.1	LT	6
80+98.3	RT	9
802+97.6	RT	2
96+06.6	LT	4
STAGE 2 SUBTOTAL		117
STAGE 3		
214+08.0	LT	20
217+56.8	LT	15
218+65.9	LT	15
226+87.0	LT	8
230+37.4	LT	3
231+68.8	LT	2
232+22.3	LT	7
232+84.3	LT	10
234+58.8	LT	59
237+80-239+33	LT	49
239+60.0	LT	17
239+87-241+46	LT	36
241+73.0	LT	14
242+68-243+48	RT	18
244+28-247+04	LT	95
247+31.0	LT	9
248+30.0	LT	11
249+58.6	LT	4
251+05.7	LT	15
794+54.0	RT	2
795+87.0	LT	1
796+54.1	LT	6
59+00-59+50	LT	10
83+88.1	LT	14
88+71.8	RT	18
88+76.7	LT	7
STAGE 3 SUBTOTAL		465
PROJECT 6414-00-80 SUBTOTAL		582
PROJECT 6414-00-81		
STAGE 2		
253+95.4	RT	3
255+30.0	RT	3
257+34	RT	11
258+51 - 259+69.00	MC DILL PARKING RT	56
280+75.0	RT	3
901+81.0	LT	6
STAGE 2 SUBTOTAL		82
STAGE 3		
252+72.5	LT	8
272+37.3	LT	456
902+44.2	RT	7
902+96.0	RT	5
STAGE 3 SUBTOTAL		476
PROJECT 6414-00-81 SUBTOTAL		558
ITEM TOTAL		1140

ASPHALTIC SURFACE TEMPORARY

STATION	LOCATION	465.0125 TON	COMMENTS
PROJECT 6414-00-80			
STAGE 1			
206+82.6 - 208+07.4	LT	17	WIDENING
208+52.5 - 210+41.5	LT	60	WIDENING
215+66 - 219+67	R/L	176	MEDIAN
217+04 - 220+16	LT	90	WIDENING
220+09 - 220+65	LT	10	ISLAND
221+09 - 223+18	LT	58	WIDENING
STAGE 1 SUBTOTAL		413	
UNDISTRIBUTED		128	
PROJECT 6414-00-80 SUBTOTAL		541	
PROJECT 6414-00-81			
STAGE 1			
254+95 - 260+42	R/L	88	MEDIAN
261+56 - 263+68	R/L	54	MEDIAN
261+65 - 262+00	LT	13	ISLAND
264+74 - 267+29	MEDIAN	66	MEDIAN
279+81 - 283+41	LT	122	
CTH HH			
890+46 - 899+10	LT & RT	350	MEDIAN
MCDILL AVENUE			
899+53 - 907+22	LT	402	WIDENING
STAGE 1 SUBTOTAL		1095	
STAGE 3A-A SUBTOTAL	LT & RT	322	
STAGE 3A-B SUBTOTAL	LT & RT	158	
STAGE 3A-C-1 SUBTOTAL	LT & RT	122	
STAGE 3A-C-2 SUBTOTAL	LT & RT	130	
STAGE 3A-D SUBTOTAL	LT & RT	20	
STAGE 3A SUBTOTAL	LT & RT	630	
UNDISTRIBUTED		250	
PROJECT 6414-00-81 SUBTOTAL		2727	
ITEM TOTAL		3268	

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NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 277
May 3, 2018

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STORM SEWER

STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.043 30-INCH LF	608.0436 36-INCH LF	608.0442 42-INCH LF	608.0260 II 60-INCH LF	608.3012 CLASS III-A 12-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 24X38-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 H EACH	611.0639 H-S EACH	SPV.0060.41 H-D EACH	SPV.0060.45 DIVERSION EACH	611.2004 MANHOLES 4-FT EACH	611.2005 5-FT EACH	611.2006 6-FT DIAMETER EACH	611.2007 7-FT DIAMETER EACH	611.2008 8-FT EACH	SPV.0060.42 10-FT EACH	611.3003 INLETS 3-FT EACH	611.3004 4-FT DIAMETER EACH	SPV.0060.43 5-FT DIAMETER EACH	SPV.0060.44 6-FT EACH	611.3230 2X3-FT EACH	SPV.0060.40 GRIT CHAMBER TYPE C EACH
PROJECT 6414-00-80																															
STAGE 1																															
208+75.50	RT						30						1										1								
208+97.10	RT						145						1									1									
208+97.10	RT	27													1															1	
210+42.00	RT						160						1									1									
210+42.00	RT	27													1															1	
212+02.75	RT						143						1									1									
212+03.62	RT	35													1							1								1	
213+45.80	RT						98						1									1									
213+50.60	RT			30												1															
214+43.60	RT												1										1								
214+48.69	LT			9											1																
214+64.18	LT			16												1														1	
STAGE 1 SUBTOTAL		89		55			576						6		4	2				4	1	1				2		0	4	
STAGE 2																															
214+69.18	RT						164						1										1								
214+69.18	RT	9														1														1	
214+69.18	RT	13												1												1					
214+74.18	RT	10													1															1	
216+02.79	RT						170						1									1									
216+04.00	RT	12													1													1			
217+58.80	RT	10													1															1	
217+68.80	RT	23													1															1	
217+72.58	RT						194						1									1									
219+66.56	RT						81						1									1									
220+47.27	RT						103						1											1							
221+50.31	RT						175						1									1									
221+50.31	RT		18													1														1	
221+69.31	RT		18													1														1	
223+25.00	RT						139						1									1									
223+25.00	RT	24													1															1	
224+83.00	RT	30													1															1	
224+64.00	RT				166								1										1								
226+30.00	RT	36													1															1	
230+00.00	RT	12													1															1	
230+10.43	RT				148								1							1											
231+58.21	RT				86								1							1											
231+58.21	RT	11													1															1	
232+43.87	RT				141								1							1											
232+43.87	RT	12													1															1	
233+84.77	RT	20													1															1	
233+84.77	RT	11													1															1	
233+84.77	RT				135								1							1											
234+94.37	RT	20													1															1	
235+14.37	RT	13													1															1	
235+19.83	RT				153								1								1										
236+72.15	RT			76											1													1			
237+48.79	RT					54							1										1								
238+02.78	RT					73							1								1										
238+02.78	RT	11													1															1	
238+76.26	RT						149						1								1									1	
238+76.26	RT		11												1	1														1	
238+86.26	RT	10													1															1	
240+25.00	RT						138						1								1										
240+25.00	RT	12													1															1	
241+63.45	RT						171						1								1										
241+63.45	RT	12													1															1	
243+34.80	RT						164						1									1									
243+34.80	RT	12													1															1	
243+66.80	RT	32											1							1											
244+99.26	RT							125					1									1									
244+99.26	RT	11														1														1	
246+24.00	RT							153					1									1									
246+24.00	RT	11													1															1	
247+76.74	RT							12					1										1								
247+76.74	RT							42							1														1		
248+07.00	RT																														
250+22.00	RT				83										1													1			
250+85.37	RT				54								1							1											
251+40.00	RT				110								1							1											
251+40.00	RT	11														1														1	
252+49.83	RT		19										1							1											
252+49.83	RT	11															1														1	
HICKORY DRIVE																															
80+47.24	LT		41							35					1													1			
80+54.13	RT		27													1												1			

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

PROJECT NO: 6414-00-80/81	HWY: BUSINESS 51	COUNTY: PORTAGE	MISCELLANEOUS QUANTITIES	SHEET 277	E

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May 3, 2018

STORM SEWER (CONT'D)

STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.043 30-INCH LF	608.0436 36-INCH LF	608.0442 42-INCH LF	608.0260 II 60-INCH LF	608.3012 CLASS III-A 12-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 24X38-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 H EACH	611.0639 H-S EACH	SPV.0060.41 H-D EACH	SPV.0060.45 DIVERSION EACH	611.2004 MANHOLES 4-FT EACH	611.2005 5-FT EACH	611.2006 6-FT DIAMETER EACH	611.2007 7-FT DIAMETER EACH	611.2008 8-FT EACH	SPV.0090.42 10-FT EACH	611.3003 INLETS 3-FT EACH	611.3004 4-FT DIAMETER EACH	SPV.0060.43 5-FT DIAMETER EACH	SPV.0060.44 6-FT EACH	611.3230 2X3-FT EACH	SPV.0060.40 GRIT CHAMBER TYPE C EACH
PORTER ROAD																															
800+57.73	LT											35	1								1										
800+51.70	RT	41														1														1	
800+67.13	RT	35													1															1	
801+92.00	LT	10													1															1	
801+92.00	RT	10													1															1	
802+02.00	LT	20														1														1	
802+02.00	LT		28									150	1							1											
802+02.00	RT		11													1														1	
802+02.00	RT	5														1														1	
802+02.00	RT	15														1														1	
E CEDAR STREET																															
85+75.69	RT				279								1						1												
86+00.00	LT										78	85				1													1		
86+00.00	RT	27														1														1	
86+75.37	RT			131									1							1											
88+05.95	RT				50								1						1												
88+06.38	RT			63									1						1												
LOCUST STREET																															
10+16.79	LT	41														1														1	
10+21.94	RT	45														1														1	
WILLOW ST (E)																															
90+54.66	LT	40														1														1	
90+65.00	RT	39														1														1	
BEECH STREET																															
21+00.00	RT	89														1												1			
21+38.01	LT	59														1														1	
E ELM STREET																															
95+69.42	LT	33														1														1	
95+69.42	RT				31																							1			
STAGE 2 SUBTOTAL		918	155	272	1456	127	1648	332		35	78	270	31		27	22			11	8	8	3	2			6		3	41		
STAGE 3																															
214+54.18	LT			50											1												1				
214+64.18	LT		10													1														1	
214+74.18	LT	10													1															1	
215+97.56	LT	36													1															1	
215+99.10	LT	9													1															1	
216+00.00	LT		27												1															1	
217+21.45	LT		55												1												1				
217+28.95	LT	19													1															1	
217+74.23	LT		14													1			1												
217+77.84	LT		32												1												1				
217+84.92	LT	56													1															1	
218+38.02	LT	53													1															1	
218+94.00	LT	68													1															1	
219+60.00	LT	32													1															1	
219+66.56	LT	9														1														1	
219+66.56	LT	31														1														1	
220+44.26	LT				26								1								1										
221+02.24	LT	49														1														1	
221+50.31	LT		9													1														1	
221+50.31	LT		14													1														1	
221+50.96	LT		59													1												1				
221+60.92	LT	10													1															1	
223+25.00	LT	70													1															1	
224+50.00	LT	37													1															1	
224+78.94	LT	21														1														1	
224+70.94	LT	10														1														1	
225+35.00	LT	48													1															1	
226+30.00	LT		100										1							1											
227+29.04	LT	7														1												1			
227+29.04	LT															1														1	
230+09.87	LT	32														1														1	
230+10.43	LT	32													1															1	
230+10.43	LT	7														1														1	
231+58.21	LT	92													1															1	
231+91.07	LT	60													1															1	
232+50.00	LT		35												1															1	
232+50.00	LT		10												1															1	
232+50.00	LT		27												1															1	
232+63.62	LT	21													1															1	
233+84.77	LT	32													1															1	
233+85.32	LT	32													1															1	
233+85.32	LT	7														1														1	
234+30.37	LT	56													1															1	
234+86.63	LT	47													1															1	

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May 3, 2018

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STORM SEWER (CONT'D)

STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.043 30-INCH LF	608.0436 36-INCH LF	608.0442 42-INCH LF	608.0260 II 60-INCH LF	608.3012 CLASS III-A 12-INCH LF	608.3419 19X30-INCH	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 H-S EACH	SPV.0060.41 H-D EACH	SPV.0060.45 DIVERSION EACH	611.2004 4-FT EACH	611.2005 5-FT EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 7-FT EACH	611.2008 8-FT EACH	SPV.0060.42 10-FT EACH	611.3003 3-FT EACH	611.3004 INLETS 4-FT DIAMETER EACH	SPV.0060.43 5-FT DIAMETER EACH	SPV.0060.44 6-FT EACH	611.3230 2X3-FT EACH	SPV.0060.40 GRIT CHAMBER TYPE C EACH
235+30.00	LT		41												1														1	
235+30.00	LT		9												1														1	
235+30.00	LT		24												1														1	
236+79.28	LT	44													1														1	
236+79.32	LT	8														1													1	
236+91.79	LT	35													1														1	
238+76.26	LT	17														1													1	
238+76.26	LT		52													1													1	
238+76.26	LT		20													1										1				
238+86.26	LT	10													1														1	
239+00.00	LT	26														1													1	
239+87.10	LT	41													1														1	
240+25.00	LT	31													1														1	
240+25.00	LT	9													1														1	
240+25.00	LT	31													1														1	
243+29.61	LT		32												1														1	
243+32.67	LT		8													1													1	
243+44.57	LT		34												1											1				
243+60.00	LT	16													1														1	
244+99.26	LT		19													1										1				
244+99.26	LT		52													1													1	
244+99.26	LT	17														1													1	
245+25.00	LT	28														1													1	
246+24.09	LT	72													1														1	
247+76.74	LT	22														1													1	
247+76.74	LT	17														1													1	
247+76.74	LT	33													1														1	
250+12.00	LT	43													1											1				
250+12.00	LT				11										1											1				
250+12.00	LT				24								1								1									
250+12.00	LT	7													1														1	
250+81.15	LT				70										1												1				
252+49.83	LT		32													1													1	
252+49.83	LT	66													1														1	
TOMMY'S TIRNPIKE																														
796+28.00	LT	52													1														1	
796+73.04	RT			119									1						1											
796+73.04	RT		28													1													1	
797+40.00	LT	52													1														1	
797+59.90	RT	34														1													1	
797+92.00	LT	27													1														1	
797+92.00	RT				108								1						1											
797+92.00	RT	32													1											1				
798+87.23	LT	36													1														1	
799+00.00	LT	5														1													1	
799+00.00	LT	6														1													1	
799+00.00	RT				92								1							1										
799+03.11	RT	11														1													1	
799+07.33	RT	33														1													1	
W CEDAR STREET																														
83+79.82	RT	53														1													1	
84+18.96	LT		95													1										1				
WILLOW STREET (W)																														
89+16.51	RT		44													1										1				
89+23.07	LT	36														1													1	
STAGE 3 SUBTOTAL		1943	882	169	331								1		52	38			2	2						13	1		75	
PROJECT 6414-00-80 SUBTOTAL		2950	1037	496	1787	127	2224	332	0	35	73	270	44		83	62			10	14	4	3		1		21	1	3	120	

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May 3, 2018

STORM SEWER (CONT'D)

STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.043 30-INCH LF	608.0436 36-INCH LF	608.0442 42-INCH LF	608.0260 II 60-INCH LF	608.3012 CLASS III-A 12-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 24X38-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 H EACH	611.0639 H-S EACH	SPV.0060.41 H-D EACH	SPV.0060.45 DIVERSION EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 5-FT EACH	611.2006 6-FT EACH	611.2007 7-FT EACH	611.2008 8-FT EACH	SPV.0050.42 10-FT EACH	611.3003 INLETS 3-FT EACH	611.3004 4-FT EACH	SPV.0060.43 5-FT DIAMETER EACH	SPV.0060.44 6-FT EACH	611.3230 2X3-FT EACH	SPV.0060.40 GRIT CHAMBER TYPE C EACH
PROJECT 6414-00-81																															
STAGE 2																															
252+69.83	RT	20													1															1	
252+73.83	RT	6												1												1					
253+65.00	RT	20			115								1						1												
253+65.00	RT	11													1															1	
253+84.75	RT	20															1													1	
254+25.00	RT	41												1												1					
255+74.87	RT	91													1															1	
256+65.00	RT	32													1															1	
258+55.18	RT	10															1											1			
258+65.00	RT			38													1											1			
258+65.00	RT				135								1								1										
258+74.82	RT	10															1											1			
258+74.82	RT	15												1												1					
260+00.00	RT				41								1								1										
260+36.03	RT								8				1													r					
263+25.00	RT			59											1															1	
265+32.96	RT	22													1															1	
265+33.02	RT				183								1								1										
267+14.62	RT	22													1															1	
267+14.89	RT				164								1								1										
268+78.49	RT	22													1															1	
268+78.71	RT				156								1								1										
270+34.75	RT				150								1								1										
270+34.75	RT	22													1															1	
271+84.55	RT				212								1								1										
271+84.55	RT	23													1															1	
273+96.51	RT				63								1								1										
273+96.51	RT		23														1													1	
274+26.46	RT																														1
274+59.28	RT				137								1						1												
275+49.55	RT				150								1								1										
275+49.55	RT	23														1														1	
276+99.55	RT				150								r								r										
276+99.55	RT	23													1															1	
278+49.55	RT												1								1										
278+49.55	RT	23													1															1	
279+99.69	RT			14											1															1	
MCDILL AVENUE																															
900+74.05	RT	29													1															1	
900+81.74	RT	32													1					1										1	
901+00.00	LT	59													1															1	
901+00.00	LT	5													1															1	
901+00.00	LT	24													1															1	
901+13.39	RT	23													1					1											
901+13.48	RT								167				1										1								
901+24.08	RT	16												1												1					
901+55.33	LT	5													1															1	
901+55.33	LT	47													1													1			
901+91.6	RT	22																		1											
902+00.99	RT								94				1											1							
902+00.99	RT		6														1													1	
902+00.99	LT		21														1													1	
902+00.99	LT	6															1											1			
902+01.08	LT	56															1													1	
902+95.61	RT								136				1											1							
902+95.61	RT	11																1													
902+95.61	LT	18													1															1	
902+95.61	LT	14													1															1	
902+95.61	LT	41													1															1	
904+19.94	RT	23													1															1	
904+20.22	LT	33													1															1	
904+31.78	RT								175				1											1							
904+34.62	LT	10													1															1	
904+34.78	LT	12													1															1	
906+06.57	LT								8				1											1							
LOCUST STREET																															
99+55.70	LT	31															1													1	
99+55.70	RT	59															1														
100+50.00	LT	43															1												1		
100+50.00	RT	30															1												1		
STAGE 2 SUBTOTAL		1105	52	111	1656				588				19	4	29	12	2	1	4	11	1	4	1	4	5	1			35	1	
STAGE 3																															
252+79.92	LT	30													1															1	
253+16.22	LT	36															1													1	
253+16.22	LT	35															1													1	
253+65.00	LT	17													1															1	
253+65.00	LT	59													1															1	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

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STORM SEWER (CONT'D)

STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.043 30-INCH LF	608.0436 36-INCH LF	608.0442 42-INCH LF	608.0260 II 60-INCH LF	608.3012 CLASS III-A 12-INCH LF	608.2419 19X30-INCH LF	608.2424 24X38-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 H EACH	611.0639 H-S EACH	SPV.0060.41 H-D EACH	SPV.0060.45 DIVERSION EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 5-FT EACH	611.2006 6-FT EACH	611.2007 7-FT EACH	611.2008 8-FT EACH	SPV.0030.42 10-FT EACH	611.3003 INLETS 3-FT EACH	611.3004 4-FT DIAMETER EACH	SPV.0060.43 5-FT EACH	SPV.0060.44 6-FT EACH	611.3230 2X3-FT EACH	SPV.0060.40 GRIT CHAMBER TYPE C EACH
254+24.07	LT	35													1														1	
254+59.83	LT														1														1	
255+66.07	LT	34													1														1	
256+00.00	LT				65										1					1										
256+00.00	LT			23											1											1				
256+03.49	LT	31													1														1	
256+65.00	LT				200								1							1										
256+65.00	LT	13													1														1	
256+65.00	LT	9													1														1	
256+65.15	LT	31													1														1	
258+53.27	LT			31												1													1	
258+53.27	LT			19												1										1				
258+53.52	LT			5												1													1	
258+65.00	LT			5												1										1				
258+65.00	LT			6												1										1				
263+22.57	LT			33											1														1	
263+22.57	LT			5											1														1	
263+22.57	LT			15											1											1				
263+25.00	LT			5											1											1				
263+25.00	LT														1														1	
265+33.03	LT	7													1														1	
265+33.07	LT	15													1														1	
265+33.17	LT	38													1														1	
267+14.98	LT	7													1														1	
267+15.23	LT	20													1														1	
267+15.61	LT	29													1														1	
268+79.28	LT	29													1														1	
268+78.96	LT	17													1														1	
268+78.79	LT	7													1														1	
270+34.75	LT	17													1														1	
270+34.75	LT	6													1														1	
270+34.75	LT	29													1														1	
271+80.66	LT	17													1														1	
271+80.66	LT	5													1														1	
271+84.55	LT	30													1														1	
273+96.51	LT	7														1													1	
273+96.51	LT	15														1													1	
273+96.51	LT	30														1													1	
274+05.18	LT	65											1							1										
274+59.20	LT	21											1						1											
275+49.55	LT	7													1														1	
275+49.55	LT	15													1														1	
275+49.55	LT	30													1														1	
276+99.55	LT	7													1														1	
276+99.55	LT	15													1														1	
276+99.55	LT	30													1														1	
278+49.55	LT	7													1														1	
278+49.55	LT	19													1														1	
278+49.55	LT	31													1														1	
CTH HH																														
893+84.96	RT			29											1														1	
893+84.98	LT			14											1														1	
893+84.98	LT			29											1														1	
893+85.00	LT			23											1														1	
895+78.00	RT			32											1														1	
895+78.00	LT			15											1														1	
895+78.00	LT			29											1														1	
895+78.00	LT			27											1														1	
898+23.15	LT			26											1												1			
898+31.98	LT			5											1														1	
898+31.98	LT			41											1														1	
898+34.40	RT			40											1														1	
898+37.23	LT			5											1														1	
898+37.23	LT			15											1														1	
898+58.45	LT	50													1											1				
898+73.38	LT	42													1														1	
STAGE 3 SUBTOTAL		994		477	265								3		57	10			1	3						7	1		58	
PROJECT 6414-00-81 SUBTOTAL		2098	52	588	1961				588				31	4	86	92	2	1	5	14		1	4	1	4	12	2		93	1
ITEM TOTALS		5049	1084	1084	3708	127	2224	332	588	35	78	270	61	4	169	84	2	1	19	24	14	5	7	1	5	33	3	3	213	1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

COVER PLATES TEMPORARY

STATION	LOCATION	611.8120.S* EACH
PROJECT 6414-00-80		
STAGE 1		
217+32.2	39.9' LT	1
220+13.1	49.7' LT	1
221+49.3	38.6' LT	1
STAGE 1 SUBTOTAL		3
PROJECT 6414-00-80 SUBTOTAL		3
PROJECT 6414-00-81		
STAGE 1		
MCDILL AVENUE		
900+24.1	2.0' RT	1
900+25.5	3.6' LT	1
901+91.6	13.8' RT	1
STAGE 1 SUBTOTAL		3
PROJECT 6414-00-81 SUBTOTAL		3
ITEM TOTAL		6

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON UTILITY PLANS

MGS

STATION	LOCATION	614.2500 THRIE BEAM TRANSITION LF	614.2610 GUARDRAIL TERMINAL EAT EACH
PROJECT 6414-00-81			
STAGE 2			
262+65.48 - 263+17.70	RT		1
263+17.70 - 263+56.48	RT	39.4	
STAGE 2 SUBTOTAL		39.4	1
STAGE 3			
264+77.65'SB' - 265+17.59'SB'	LT	39.4	
265+17.59'SB' - 265+76.65'SB'	LT		1
STAGE 3 SUBTOTAL		39.4	1
PROJECT 6414-00-81 SUTOTAL		78.8	2
ITEM TOTALS		78.8	2

BARRIER SYSTEM GRADING SHAPING FINISHING

STATION	LOCATION	614.0010 EACH
PROJECT 6414-00-81		
STAGE 2		
262+65.48 - 263+56.48	RT	1
STAGE 2 SUBTOTAL		1
STAGE 3		
264+77.65'SB' - 265+76.65'SB'	LT	1
STAGE 3 SUBTOTAL		1
PROJECT 6414-00-81 SUTOTAL		2
ITEM TOTAL		2

FENCE CHAIN LINK 4-FT

STATION	LOCATION	616.0204 LF
PROJECT 6414-00-81		
STAGE 2		
262+00.00 - 263+67.82	RT	168
PROJECT 6414-00-81 SUBTOTAL		168
ITEM TOTAL		168

CONCRETE MEDIAN SLOPED NOSE

STATION	LOCATION	620.0300 SF	TYPE
PROJECT 6414-00-80			
STAGE 2			
PORTER ROAD			
800+60.2	RT	40	1
802+30.9	RT	40	1
STAGE 2 SUBTOTAL		88	
STAGE 3			
TOMMY'S TURNPIKE			
797+96.6	LT	29	1
799+15.7	LT	48	1
STAGE 3 SUBTOTAL		77	
STAGE 4			
214+37.8	LT	48	1
217+49.0	LT	14	1
217+62.6	LT	19	1
219+93.4	LT	57	1
220+95.4	LT	57	1
223+70.2	LT	48	1
224+38.1	LT	68	1
225+39.5	LT	48	1
227+18.7	LT	48	1
230+20.5	LT	48	1
230+99.4	LT	48	1
233+95.3	LT	47	1
234+74.7	LT	47	1
235+92.3	LT	48	1
237+75.1	LT	48	1
241+33.2	LT	47	1
242+12.4	LT	47	1
243+44.9	LT	48	1
244+25.1	LT	48	1
246+92.9	LT	48	1
247+61.2	LT	68	1
250+49.3	LT	47	1
251+38.0	LT	47	1
STAGE 4 SUBTOTAL		1093	
PROJECT 6414-00-80 SUBTOTAL		1258	
PROJECT 6414-00-81			
STAGE 4			
257+73.9	LT	48	1
260+15.0	LT	51	1
260+36.8	LT	48	1
261+50.7	LT	48	1
261+72.5	LT	28	1
263+41.8	LT	48	1
271+94.2	LT	27	1
272+73	LT	57	1
283+36.6	LT	41	1
CTH HH			
890+50.8'EB'	LT	34	1
898+23.8	LT	30	1
899+00 WB	RT	44	1
899+28 EB	LT	48	1
MCDILL AVENUE			
900+26.2 WB	RT	37	1
900+52.8 EB	LT	46	1
901+68.8 WB	RT	48	1
903+89.0 WB	RT	112	1
904+23.8 WB	RT	96	1
905+74.5 EB	LT	29	1
STAGE 4 SUBTOTAL		920	
PROJECT 6414-00-81 SUBTOTAL		863	
ITEM TOTAL		2121	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

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TRAFFIC CONTROL

STATION - STATION	DAYS	LOCATION	643.0300 DRUMS NO.	643.0300 DRUMS DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	643.0900 SIGNS NO.	643.0900 SIGNS DAY	643.0410 BARRICADES TYPE II NO.	643.0410 BARRICADES TYPE II DAY	643.0420 BARRICADES TYPE III NO.	643.0420 BARRICADES TYPE III DAY	643.0705 WARNING LIGHTS TYPE A NO.	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C NO.	643.0715 WARNING LIGHTS TYPE C DAY
6414-00-80																
STAGE 1	17															
BUSINESS 51																
208+50 - 213+95		LT & RT	97	1649			9	153			4	68	6	102	12	204
213-95 - 220+45		LT & RT	97	1649			3	51			2	34	4	68	0	0
220+45 - 237+30		LT & RT	174	2958			8	136			6	102	12	204	0	0
237+30 - 243+81		LT & RT	47	799			5	85			3	51	6	102	0	0
243+81 - 252+50		LT & RT	74	1258			6	102			5	85	10	170	6	102
HICKORY DR		LT & RT	0	0			1	17			0	0	0	0	0	0
PORTER DR		LT & RT	0	0			1	17			0	0	0	0	0	0
TOMMY'S TURNPIKE		LT & RT	0	0			1	17			0	0	0	0	0	0
E CEDAR ST		LT & RT	0	0			1	17			0	0	0	0	0	0
W CEDAR ST		LT & RT	0	0			1	17			0	0	0	0	0	0
WILLOW ST (SOUTH LEG)		LT & RT	0	0			1	17			0	0	0	0	0	0
WILLOW ST (NORTH LEG)		LT & RT	0	0			1	17			0	0	0	0	0	0
ELM ST		LT & RT	0	0			1	17			0	0	0	0	0	0
STAGE 1 SUBTOTALS			489	8313			39	663			20	340	38	646	18	306
STAGE 2	104															
BUSINESS 51																
208+50 - 213+95		LT & RT	83	8632	41	41	12	1248	1	104	14	1456	18	1872	16	1664
213-95 - 220+45		LT & RT	65	6760	24	24	6	624	0	0	17	1768	19	1976	0	0
220+45 - 237+30		LT & RT	200	20800	57	57	11	1144	0	0	32	3328	30	3120	0	0
237+30 - 243+81		LT & RT	45	4680	24	24	6	624	0	0	26	2704	27	2808	4	416
243+81 - 252+50		LT & RT	64	6656	26	26	7	728	0	0	23	2392	27	2808	0	0
HICKORY DR		LT & RT	0	0	0	0	3	312	0	0	9	936	12	1248	0	0
PORTER DR		LT & RT	3	0	0	0	3	312	0	0	16	1664	17	1768	3	312
TOMMY'S TURNPIKE		LT & RT	0	0	0	0	1	104	0	0	0	0	0	0	0	0
E CEDAR ST		LT & RT	0	0	0	0	4	416	0	0	13	1352	12	1248	4	416
W CEDAR ST		LT & RT	0	0	0	0	1	104	0	0	0	0	0	0	0	0
WILLOW ST (SOUTH LEG)		LT & RT	0	0	0	0	2	208	0	0	0	0	0	0	0	0
WILLOW ST (NORTH LEG)		LT & RT	19	1976	0	0	4	416	0	0	5	520	6	624	0	0
ELM ST		LT & RT	0	0	0	0	2	0	0	0	4	0	0	0	5	0
STAGE 2 SUBTOTALS			476	49504	172	172	62	6240	1	104	159	16120	168	17472	32	2808
STAGE 3	114															
BUSINESS 51																
208+50 - 213+95		LT & RT	92	5928	28	28	12	1368	0	0	8	912	10	1140	7	798
213-95 - 220+45		LT & RT	61	6954	21	21	6	684	0	0	25	2850	29	3306	0	0
220+45 - 237+30		LT & RT	160	18240	63	63	12	1368	1	114	22	2508	28	3192	0	0
237+30 - 243+81		LT & RT	39	4446	24	24	10	1140	0	0	28	3192	32	3648	0	0
243+81 - 252+50		LT & RT	99	11286	36	36	4	456	1	114	8	912	11	1254	0	0
HICKORY DR		LT & RT	0	0	0	0	1	114	0	0	0	0	0	0	0	0
PORTER DR		LT & RT	19	2166	0	0	2	228	1	114	0	0	0	0	11	1254
TOMMY'S TURNPIKE		LT & RT	0	0	0	0	4	456	0	0	14	1596	17	1938	0	0
E CEDAR ST		LT & RT	0	0	0	0	1	114	0	0	0	0	0	0	0	0
W CEDAR ST		LT & RT	0	0	0	0	3	342	0	0	8	912	9	1026	0	0
WILLOW ST (SOUTH LEG)		LT & RT	0	0	0	0	1	114	0	0	0	0	0	0	0	0
WILLOW ST (NORTH LEG)		LT & RT	0	0	0	0	5	570	0	0	19	2166	0	0	0	0
ELM ST		LT & RT	0	0	0	0	1	114	0	0	0	0	0	0	0	0
STAGE 3 SUBTOTALS			430	49020	172	172	62	7068	3	342	132	15048	136	15504	18	2052
STAGE 4	154															
BUSINESS 51																
208+50 - 213+95		LT & RT	59	9086	0	0	9	1386	0	0	9	1386	13	2002	10	1540
213-95 - 220+45		LT & RT	54	8316	0	0	6	924	2	308	6	924	10	1540	0	0
220+45 - 237+30		LT & RT	150	23100	0	0	12	1848	2	308	8	1232	16	2464	0	0
237+30 - 243+81		LT & RT	53	8162	0	0	5	770	2	308	2	308	4	616	0	0
243+81 - 252+50		LT & RT	85	13090	0	0	8	1232	2	308	4	616	8	1232	4	616
HICKORY DR		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
PORTER DR		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
TOMMY'S TURNPIKE		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
E CEDAR ST		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
W CEDAR ST		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
WILLOW ST (SOUTH LEG)		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
WILLOW ST (NORTH LEG)		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
ELM ST		LT & RT	0	0	0	0	1	154	0	0	0	0	0	0	0	0
STAGE 4 SUBTOTALS			401	61754	0	0	48	7392	8	1232	29	4466	51	7854	14	2156

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TRAFFIC CONTROL (CONTINUED)

STATION - STATION	DAYS	LOCATION	643.0300 DRUMS NO.	643.0300 DRUMS DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	643.0900 SIGNS NO.	643.0900 SIGNS DAY	643.0410 BARRICADES TYPE II NO.	643.0410 BARRICADES TYPE II DAY	643.0420 BARRICADES TYPE III NO.	643.0420 BARRICADES TYPE III DAY	643.0705 WARNING LIGHTS TYPE A NO.	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C NO.	643.0715 WARNING LIGHTS TYPE C DAY	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	603.8505 ANCHORING CONCRETE BARRIER ON BRIDGE DECKS LF
WINTER SHUTDOWN	136																		
BUSINESS 51																			
208+50 - 213+95		LT & RT	0	0	0	0	2	272	0	0	0	0	0	0	0	0	0	0	0
213+95 - 220+45		LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
220+45 - 237+30		LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
237+30 - 243+81		LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
243+81 - 252+50		LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HICKORY DR		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
PORTER DR		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
TOMMY'S TURNPIKE		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
E CEDAR ST		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
W CEDAR ST		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
WILLOW ST (SOUTH LEG)		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
WILLOW ST (NORTH LEG)		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
ELM ST		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
WINTER SHUTDOWN SUBTOTALS			0	0	0	0	10	1360	0	0	0	0	0	0	0	0	0	0	0
6414-00-80 SUBTOTALS			1796	168591	344	344	321	22723	32	1678	349	35974	393	41476	82	7322	0	0	0
6414-00-81																			
STAGE 1	17																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	63	1071	0	0	4	68	0	0	3	51	6	102	0	0	0	0	0
260+71 - 281+00		LT & RT	230	3910	0	0	18	306	0	0	9	153	18	306	20	340	0	0	0
MCDILL AVE / CTH HH		LT & RT	83	1411	0	0	12	204	2	34	3	51	6	102	11	187	0	0	0
WATER ST / CTH HH		LT & RT	120	2040	0	0	10	170	2	34	5	85	10	170	6	102	0	0	0
STAGE 1 SUBTOTALS			496	8432	0	0	44	748	4	68	20	340	40	680	37	629	0	0	0
STAGE 2	104																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	81	8424	29	29	2	208	0	0	0	0	0	0	0	0	0	0	0
260+71 - 281+00		LT & RT	196	20384	77	77	17	1768	1	104	11	1144	0	0	19	1976	340	340	105
MCDILL AVE / CTH HH		LT & RT	116	12064	53	53	17	1768	2	208	17	1768	0	0	16	1664	0	0	0
WATER ST / CTH HH		LT & RT	64	6656	36	36	14	1456	2	208	25	2600	0	0	11	1144	0	0	0
STAGE 2 SUBTOTALS			457	47528	195	195	50	5200	5	520	53	5512	0	0	46	4784	340	340	105
STAGE 3	114																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	171	19494	66	101	16	1824	0	0	24	2736	0	0	30	3420	0	0	0
260+71 - 281+00		LT & RT	369	42066	154	230	42	4788	0	0	88	10032	0	0	23	2622	0	340	0
MCDILL AVE / CTH HH		LT & RT	147	16758	33	66	36	4104	8	912	44	5016	0	0	25	2850	0	0	0
WATER ST / CTH HH		LT & RT	154	17556	48	96	24	2736	2	228	76	8664	0	0	27	3078	0	0	0
STAGE 3 SUBTOTALS			841	95874	301	493	118	13452	10	1140	232	26448	0	0	105	11970	0	340	0
STAGE 4A	154																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	116	17864	0	0	8	1232	1	154	3	462	0	0	5	770	0	0	0
260+71 - 281+00		LT & RT	263	40502	0	0	30	4620	3	462	22	3388	0	0	15	2310	0	0	0
MCDILL AVE / CTH HH		LT & RT	81	12474	0	0	19	2926	3	462	5	770	0	0	13	2002	0	0	0
WATER ST / CTH HH		LT & RT	100	15400	0	0	15	2310	3	462	12	1848	0	0	14	2156	0	0	0
STAGE 4A SUBTOTALS			560	86240	0	0	72	11088	10	1540	42	6468	0	0	47	7238	0	0	0
STAGE 4B	154																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	86	71	0	0	8	1232	1	154	3	462	0	0	0	0	0	0	0
260+71 - 281+00		LT & RT	237	211	0	0	30	4620	3	462	22	3388	0	0	11	1694	0	0	0
MCDILL AVE / CTH HH		LT & RT	81	12474	0	0	19	2926	3	462	5	770	0	0	10	1540	0	0	0
WATER ST / CTH HH		LT & RT	93	14322	0	0	15	2310	3	462	12	1848	0	0	11	1694	0	0	0
STAGE 4B SUBTOTALS			497	27078	0	0	72	11088	10	1540	42	6468	0	0	32	4928	0	0	0
WINTER SHUTDOWN	136																		
BUSINESS 51																			
252+50 - 260+71		LT & RT	0	0	0	0	1	136	0	0	0	0	0	0	0	0	0	0	0
260+71 - 281+00		LT & RT	0	0	0	0	5	680	0	0	0	0	0	0	0	0	0	0	0
MCDILL AVE / CTH HH		LT & RT	0	0	0	0	4	544	2	272	0	0	0	0	0	0	0	0	0
WATER ST / CTH HH		LT & RT	0	0	0	0	2	272	1	136	0	0	0	0	0	0	0	0	0
WINTER SHUTDOWN SUBTOTALS			0	0	0	0	12	1632	3	408	0	0	0	0	0	0	0	0	0
6414-00-81 SUBTOTAL			2851	265152	496	688	368	43208	42	5216	389	45236	40	684	267	29549	340	680	105
ITEM TOTAL				433743	840	1032		65931		6894		81210		42156		36871	340	680	105

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TEMPORARY MARKING (CONTINUED)

STATION - STATION	LOCATION	649.0105* TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW) LF	649.0105* TEMPORARY MARKING LINE PAINT 4-INCH (WHITE) LF	649.0205 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) LF	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) LF	649.0505 TEMPORARY MARKING ARROW PAINT EACH	649.0550 TEMPORARY MARKING ARROW REMOVABLE TAPE EACH	649.0605 TEMPORARY MARKING WORD PAINT EACH	649.0650 TEMPORARY MARKING WORD REMOVABLE TAPE EACH	649.0905 TEMPORARY MARKING DIAGONAL PAINT 12-INCH (YELLOW) LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF
STAGE 4A														
BUSINESS 51														
208+50 - 213+95	LT & RT	0	0	0	1811	0	0	0	0	0	0	0	0	0
213-95 - 220+45	LT & RT	0	0	0	1144	0	263	0	2	0	0	0	0	0
220+45 - 237+30	LT & RT	0	0	0	3043	0	408	0	4	0	0	0	0	0
237+30 - 243+81	LT & RT	0	0	0	1136	0	185	0	3	0	0	0	0	0
243+81 - 252+50	LT & RT	0	0	0	1463	0	178	0	4	0	0	0	0	0
STAGE 4A SUBTOTALS		0	0	0	8597	0	1034	0	13	0	0	0	0	0
WINTER SHUTDOWN														
BUSINESS 51														
208+50 - 213+95	LT & RT	1950	510	0	0	0	0	0	0	0	0	138	0	0
213-95 - 220+45	LT & RT	2200	820	451	0	0	0	3	0	1	0	521	0	0
220+45 - 237+30	LT & RT	3094	1760	390	0	0	0	14	0	0	0	156	0	0
237+30 - 243+81	LT & RT	0	560	298	0	0	0	3	0	0	0	0	0	0
243+81 - 252+50	LT & RT	580	713	308	0	0	0	4	0	0	0	237	0	0
MACARTHUR WAY	LT & RT	0	0	0	0	0	0	0	0	0	0	0	19	0
TOMMY'S TURNPIKE	LT & RT	0	0	0	0	0	0	0	0	0	0	0	29	0
W CEDAR ST	LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0
WINTER SHUTDOWN SUBTOTALS		7824	4363	1447	0	0	0	24	0	1	0	1052	48	0
6414-00-80 SUBTOTAL		36644		2979	25205		2429	40	28	2	0	1052	195	319
6414-00-81														
STAGE 1														
BUSINESS 51														
252+50 - 260+71	LT & RT	1554	26	141	0	0	0	2	0	0	0	0	0	0
260+71 - 281+00	LT & RT	3554	26	150	1821	48	584	1	1	0	0	0	0	0
WATER ST / CTH HH	LT & RT	1389	23	106	524	0	61	2	1	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	1218	26	196	501	0	0	4	0	0	0	0	0	0
STAGE 1 SUBTOTAL		7715	101	593	2846	48	645	9	2	0	0	0	0	0
STAGE 2A														
BUSINESS 51														
252+50 - 260+71	LT & RT	2456	617	350	0	82	0	3	0	0	0	0	37	0
260+71 - 281+00	LT & RT	4476	1824	165	2572	242	882	2	2	0	1	0	28	56
WATER ST / CTH HH	LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 2A SUBTOTAL		6932	2441	515	2572	324	882	5	2	0	1	0	65	56
STAGE 3A-A														
BUSINESS 51														
252+50 - 260+71	LT & RT	1508	1125	245	224	197	0	3	0	0	0	0	22	0
260+71 - 281+00	LT & RT	3492	2117	407	2572	460	882	3	3	0	1	0	66	56
WATER ST / CTH HH	LT & RT	1303	615	126	674	427	0	1	0	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	1172	1174	10	1313	189	0	0	0	0	0	0	0	0
STAGE 3A-A SUBTOTAL		7475	5031	788	4783	1273	882	7	3	0	1	0	88	56
STAGE 3A-B														
BUSINESS 51														
252+50 - 260+71	LT & RT	244	380	100	0	0	0	1	0	0	0	0	48	0
260+71 - 281+00	LT & RT	80	542	106	0	0	0	1	0	0	0	0	44	0
WATER ST / CTH HH	LT & RT	1256	776	37	1532	302	0	0	0	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	1018	509	0	667	668	0	0	0	0	0	0	0	0
STAGE 3A-B SUBTOTAL		2598	2207	243	2199	970	0	2	0	0	0	0	92	0

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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TEMPORARY MARKING (CONTINUED)

STATION - STATION	LOCATION	649.0105* PAINT 4-INCH (YELLOW) LF	649.0205 PAINT 4-INCH (WHITE) LF	649.0150 REMOVABLE TAPE 8-INCH (WHITE) LF	649.0250 REMOVABLE TAPE 4-INCH (YELLOW) LF	649.0505 REMOVABLE TAPE 4-INCH (WHITE) LF	649.0550 REMOVABLE TAPE 8-INCH (WHITE) LF	649.0605 ARROW PAINT EACH	649.0650 ARROW REMOVABLE TAPE EACH	649.0905 WORD PAINT EACH	649.0805 WORD REMOVABLE TAPE EACH	649.0850 DIAGONAL PAINT 12-INCH (YELLOW) LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0850 REMOVABLE TAPE 18-INCH LF
STAGE 3A-C-1														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	700	546	701	0	5	0	0	0	0	49
260+71 - 281+00	LT & RT	0	0	0	582	460	215	0	2	0	0	0	0	22
WATER ST / CTH HH	LT & RT	0	0	0	2787	958	58	0	1	0	0	0	0	22
MCDILL AVE / CTH HH	LT & RT	0	0	0	2352	1179	0	0	0	0	0	0	0	19
STAGE 3A-C-1 SUBTOTAL		0	0	0	6421	3143	974	0	8	0	0	0	0	112
STAGE 3A-C-2														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	569	504	388	0	4	0	0	0	0	61
260+71 - 281+00	LT & RT	0	0	0	405	541	110	0	1	0	0	0	0	12
WATER ST / CTH HH	LT & RT	0	0	0	135	135	0	0	0	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 3A-C-2 SUBTOTAL		0	0	0	1109	1180	498	0	5	0	0	0	0	73
STAGE 3A-D														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	669	610	211	0	3	0	0	0	0	27
260+71 - 281+00	LT & RT	0	0	0	297	433	319	0	3	0	1	0	0	88
WATER ST / CTH HH	LT & RT	0	0	0	1746	1261	24	0	0	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	0	0	0	2167	855	21	0	0	0	0	0	0	0
STAGE 3A-D SUBTOTAL		0	0	0	4879	3159	575	0		0	1	0	0	115
STAGE 3B														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	1869	864	626	0	5	0	0	0	0	58
260+71 - 281+00	LT & RT	0	0	0	4689	3005	1015	0	9	0	1	0	0	136
WATER ST / CTH HH	LT & RT	0	0	0	1981	0	93	0	2	0	0	0	0	10
MCDILL AVE / CTH HH	LT & RT	0	0	0	2167	0	113	0	1	0	0	0	0	0
STAGE 3B SUBTOTAL		0	0	0	10706	3869	1847	0	17	0	1	0	0	204
STAGE 4A														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	1751	653	796	0	6	0	0	0	0	49
260+71 - 281+00	LT & RT	0	0	0	7675	698	1351	0	13	0	0	0	0	178
WATER ST / CTH HH	LT & RT	0	0	0	2403	234	205	0	1	0	0	0	0	10
MCDILL AVE / CTH HH	LT & RT	0	0	0	2167	184	131	0	2	0	0	0	0	0
STAGE 4A SUBTOTAL		0	0	0	13996	1769	2483	0	22	0	0	0	0	237
STAGE 4B														
BUSINESS 51														
252+50 - 260+71	LT & RT	0	0	0	727	0	569	0	4	0	0	0	0	46
260+71 - 281+00	LT & RT	0	0	0	747	0	505	0	7	0	0	0	0	133
WATER ST / CTH HH	LT & RT	0	0	0	381	0	34	0	1	0	0	0	0	0
MCDILL AVE / CTH HH	LT & RT	0	0	0	263	0	129	0	2	0	0	0	0	0
STAGE 4B SUBTOTAL		0	0	0	2118	0	1237	0	14	0	0	0	0	179
WINTER SHUTDOWN														
BUSINESS 51														
252+50 - 260+71	LT & RT	1549	931	301	0	0	0	2	0	1	0	213	37	0
260+71 - 281+00	LT & RT	4289	4445	753	0	0	0	8	0	0	0	594	136	0
WATER ST / CTH HH	LT & RT	1539	380	56	0	0	0	0	0	0	0	555	0	0
MCDILL AVE / CTH HH	LT & RT	0	720	0	0	0	0	0	0	2	0	0	0	0
WINTER SHUTDOWN SUBTOTALS		7377	6476	1110	0	0	0	10	0	3	0	1362	173	0
6414-00-81 SUBTOTAL		48353		3249	59326		9448	33	73	3	3	1362	418	917
ITEM TOTAL		84997		6228	84531	0	11877	73	101	5	3	2414	613	1236

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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CONSTRUCTION STAKING STORM SEWER (CONT'D)

STATION	LOCATION	650.4000 EACH
902+01.00	LT	1
902+95.61	RT	1
902+95.61	RT	1
902+95.61	LT	1
902+95.61	LT	1
902+95.61	LT	1
904+19.94	RT	1
904+20.22	LT	1
904+31.78	RT	1
904+34.62	LT	1
904+34.70	LT	1
906+06.57		1
LOCUST STREET		
99+55.70	LT	1
99+55.70	RT	1
100+50.00	LT	1
100+50.00	RT	1
STAGE 2 SUBTOTAL		64
STAGE 3		
252+79.92	LT	1
253+16.22	LT	1
253+16.22	LT	1
253+86.00	LT	1
253+85.00	LT	1
254+24.97	LT	1
254+59.83	LT	1
255+56.07	LT	1
256+00.00	LT	1
256+00.00	LT	1
256+03.49	LT	1
256+85.00	LT	1
256+85.00	LT	1
256+85.00	LT	1
256+85.15	LT	1
258+53.27	LT	1
258+53.27	LT	1
258+53.52	LT	1
258+85.00	LT	1
258+85.00	LT	1
263+22.57	LT	1
263+22.57	LT	1
263+22.57	LT	1
263+25.00	LT	1
263+25.00	LT	1
265+33.03	LT	1
265+33.07	LT	1
265+33.17	LT	1
267+14.98	LT	1
267+15.23	LT	1
267+15.61	LT	1
268+79.28	LT	1
268+78.96	LT	1
268+78.79	LT	1

CONSTRUCTION STAKING STORM SEWER (CONT'D)

STATION	LOCATION	650.4000 EACH
270+34.75	LT	1
270+34.75	LT	1
270+34.75	LT	1
271+80.66	LT	1
271+80.66	LT	1
271+84.55	LT	1
273+96.51	LT	1
273+96.51	LT	1
273+96.51	LT	1
274+05.18	LT	1
274+59.20	LT	1
275+49.55	LT	1
275+49.55	LT	1
275+49.55	LT	1
276+99.55	LT	1
276+99.55	LT	1
276+99.55	LT	1
278+49.55	LT	1
278+49.55	LT	1
278+49.55	LT	1
CTH HH		
893+84.96	RT	1
893+84.98	LT	1
893+84.98	LT	1
893+85.00	LT	1
895+78.00	RT	1
895+78.00	LT	1
895+78.00	LT	1
895+78.00	LT	1
896+20.15	LT	1
898+31.98	LT	1
898+31.98	LT	1
898+34.40	RT	1
898+37.23	LT	1
898+37.23	LT	1
898+58.45	LT	1
898+73.38	LT	1
STAGE 3 SUBTOTAL		70
PROJECT 6414-00-81 SUBTOTAL		134
ITEM TOTALS		324

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CONSTRUCTION STAKING

STATION	LOCATION	650.4500 SUBGRADE LF	650.9920 SLOPE STAKES LF
PROJECT 6414-00-80			
208+50.00 - 252+50.00	LT & RT	8800	8800
HICKORY DRIVE			
80+00.00 - 81+65.00	LT & RT	165	165
TOMMY'S TURNPIKE			
793+59.50 - 800+00.00	LT & RT	641	641
PORTER ROAD			
800+00.00 - 803+47.14	LT & RT	347	347
THEATER DRIVE			
59+00.00 - 60+00.00	LT & RT	100	100
W CEDAR STREET			
83+00.00 - 85+00.00	LT & RT	200	200
E CEDAR STREET			
85+00.00 - 88+30.00	LT & RT	330	330
LOCUST STREET			
10+07.44 - 11+85.00	LT & RT	178	178
WILLOW STREET			
88+00.00 - 90+00.00	LT & RT	100	100
WILLOW STREET E			
90+00.00 - 92+12.27	LT & RT	212	212
BEECH STREET			
20+65.50 - 21+85.00	LT & RT	120	120
E ELM STREET			
95+00.00 - 96+60.00	LT & RT	160	160
PROJECT 6414-00-80 SUBTOTAL		11353	11353
PROJECT 6414-00-81			
252+50.00 - 263+49.22	LT & RT	1099	1099
264+94.92 - 281+01.00	LT & RT	3212	3212
CTH HH			
892+02.00 - 900+00.00	LT & RT	1596	1596
MCDILL AVENUE			
900+00.00 - 907+38.63	LT & RT	1477	1477
LOCUST STREET			
99+10.00 -100+80.00	LT & RT	170	170
PROJECT 6414-00-81 SUBTOTAL		7554	7554
ITEM TOTALS		18907	18907

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

CONSTRUCTION STAKING BASE

STATION	LOCATION	650.5000 LF
PROJECT 6414-00-80		
STAGE 2		
208+50.00 - 211+57.50	RT	308
HICKORY DRIVE		
80+67.94 - 81+65.00	LT & RT	97
PORTER ROAD		
802+30.90 - 803+47.88	LT & RT	117
E CEDAR STREET		
85+64.62 - 88+30.00	LT & RT	265
LOCUST STREET		
10+08.26 - 11+83.80	LT & RT	176
WILLOW STREET E		
90+70.25 - 92+12.27	LT & RT	142
BEECH STREET		
20+67.50 - 21+85.00	LT & RT	118
E ELM STREET		
95+66.15 - 96+60.00	LT & RT	94
STAGE 2 SUBTOTAL		1317
STAGE 3		
208+50.00 - 214+37.79	LT	588
TOMMY'S TURNPIKE		
793+59.50 - 797+95.81	LT & RT	436
THEATER DRIVE		
59+00.00 - 59+70.66	LT & RT	71
W CEDAR STREET		
83+00.00 - 84+06.02	LT & RT	106
WILLOW STREET		
88+00.00 - 89+11.30	LT & RT	111
STAGE 3 SUBTOTAL		1312
PROJECT 6414-00-80 SUBTOTAL		2629
PROJECT 6414-00-81		
STAGE 2		
LOCUST STREET		
100+57.29 -100+80.00	LT & RT	23
STAGE 2 SUBTOTAL		23
STAGE 3		
LOCUST STREET		
99+10.00 - 99+49.54	LT & RT	40
STAGE 3 SUBTOTAL		40
PROJECT 6414-00-81 SUBTOTAL		63
ITEM TOTAL		2692

CONSTRUCTION STAKING

STATION	LOCATION	650.9000 CURB RAMPS EACH
PROJECT 6414-00-80	LT & RT	29
PROJECT 6414-00-80 SUBTOTAL		29
PROJECT 6414-00-81	LT & RT	28
PROJECT 6414-00-81 SUBTOTAL		28
ITEM TOTAL		57

CONSTRUCTION STAKING

STATION	LOCATION	650.9910 SUPPLEMENTAL CONTROL (PROJECT) LS
PROJECT 6414-00-80 208+50.00 - 252+50.00	LT & RT	1
PROJECT 6414-00-80 SUBTOTAL		1
PROJECT 6414-00-81 252+50 - 281+01.00	LT & RT	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTAL		2

CONSTRUCTION STAKING

STATION	LOCATION	650.8500 ELECTRICAL INSTALLATIONS (PROJECT) LS
PROJECT 6414-00-80 208+50.00 - 252+50.00	LT & RT	1
PROJECT 6414-00-80 SUBTOTAL		1
PROJECT 6414-00-81 252+50 - 281+01.00	LT & RT	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTAL		2

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PROJECT 6414-00-80			
BUS 51 & TOMMY'S TURNPIKE			
CB1	PB1	--	39
PB1	PB2	215	--
PB1	PB3	--	48
PB1	PB4	--	162
PB4	PB5	--	80
PB5	PB6	--	72
PB6	PB7	--	100
PB7	PB8	--	44
PB8	PB9	68	--
PB8	PB10	--	90
PB10	PB11	--	86
PB11	PB12	--	72
PB12	PB13	226	--
PB12	PB14	--	36
PB12	PB15	--	140
PB15	PB16	--	80
PB16	PB17	--	104
PB17	PB18	--	50
PB18	PB19	--	40
PB19	PB20	71	--
PB19	PB21	--	90
PB21	PB22	--	86
PB22	CB1	--	69
PB3	SB1	15	--
PB3	SB2	5	--
PB4	SB3	26	--
PB5	SB4	12	--
PB6	SB5	11	--
PB6	SB6	20	--
PB10	SB7	14	--
PB12	LB1	24	--
PB14	SB8	7	--
PB14	SB9	18	--
PB15	SB10	22	--
PB16	SB11	7	--
PB17	SB12	6	--
PB21	SB13	14	--
PB22	LB2	13	--
PEDESTRIAN CROSSINGS			
PB1	SB1	42	--
PB1	SB2	10	--
PB1	SB3	55	--
PB2	SB4	52	--
PB2	SB5	4	--
PB2	SB6	49	--
PROJECT 6414-00-80 SUBTOTAL		1006	1488

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PROJECT 6414-00-81			
BUS 51 & CTH HH			
CB1	PB1	--	42
PB1	PB2	20	--
PB1	PB3	--	88
PB3	PB4	170	--
PB3	PB5	--	92
PB5	PB6	--	38
PB6	PB7	--	132
PB7	PB8	--	44
PB8	PB9	73	--
PB9	STRUCUTRE	31	--
PB7	PB10	--	82
PB10	PB11	--	40
PB11	PB12	--	78
PB12	PB13	--	226
PB13	PB14	195	--
PB13	PB15	--	96
PB15	PB16	--	40
PB16	PB17	--	74
PB17	PB18	21	--
PB18	PB19	--	44
PB19	PB20	190	--
PB18	PB21	--	90
PB21	PB22	--	40
PB22	PB23	--	76
PB23	PB24	--	76
PB24	CB1	--	39
PB1	SB1	12	--
PB5	SB2	24	--
PB6	SB3	5	--
PB7	SB4	20	--
PB7	SB5	12	--
PB10	SB6	22	--
PB11	SB7	6	--
PB12	SB8	24	--
PB12	SB9	38	--
PB13	SB10	31	--
PB15	SB11	23	--
PB16	SB12	6	--
PB17	SB13	10	--
PB18	SB14	14	--
PB21	SB15	21	--
PB22	SB16	10	--
PB23	SB17	17	--
PB24	SB18	11	--
PEDESTRIAN CROSSINGS			
PB3	SB7	43	--
PB3	SB8	6	--
PB3	SB9	14	--
PB3	SB10	44	--
PROJECT 6414-00-81 SUBTOTAL		1113	1437
ITEM TOTAL		2119	2925

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 303
May 3, 2018

FILE NAME : P:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\030201 mq.dgn PLOT TIME : 3:44:43 PM PLOT DATE : 4/20/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A
WISDOT/CADDS SHEET 43

FISH HABITAT STRUCTURE TREES

STATION	LOCATION	SPV.0060.51 EACH	REMARKS
PROJECT 6414-00-81			
268+00 - 278+00	RT	1	LOCATION DETERMINED BY ENGINEER
268+00 - 278+00	RT	1	LOCATION DETERMINED BY ENGINEER
268+00 - 278+00	RT	1	LOCATION DETERMINED BY ENGINEER
268+00 - 278+00	RT	1	LOCATION DETERMINED BY ENGINEER
268+00 - 278+00	RT	1	LOCATION DETERMINED BY ENGINEER
PROJECT 6414-00-81 SUBTOTAL		5	
ITEM TOTAL		5	

REMOVE TRAFFIC SIGNALS

LOCATION	SPV.0105.03 REMOVE AND SALVAGE EXISTING TRAFFIC SIGNALS LS	SPV.0105.04 REMOVE AND SALVAGE EXISTING TRAFFIC SIGNALS LS
PROJECT 6414-00-80		
BUS 51 & TOMMY'S TURNPIKE	1	--
PROJECT 6414-00-80 SUBTOTAL	1	
PROJECT 6414-00-81		
BUS 51 & CTH HH	--	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTAL	1	1

SALVAGE AND REINSTALL FENCE

STATION	LOCATION	SPV.0090.16 LF
PROJECT 6414-00-81		
STAGE 2		
892+00'EB' - 894+27'EB'	LT	227
897+78'EB' - 898+44'EB'	LT	100
STAGE 2 SUBTOTAL		327
STAGE 3		
892+00 - 895+38	RT	338
STAGE 2 SUBTOTAL		338
ITEM TOTAL		665

TRANSPORTING SIGNAL AND LIGHTING MATERIALS

	SPV.0105.05 TRANSPORT DEPARTMENT FURNISHED TRAFFIC SIGNAL MONOTUBE EQUIPMENT LS	SPV.0105.06 TRANSPORT DEPARTMENT FURNISHED TRAFFIC SIGNAL MONOTUBE EQUIPMENT LS
PROJECT 6414-00-80		
BUS 51 & TOMMY'S TURNPIKE	1	--
PROJECT 6414-00-80 SUBTOTAL	1	
PROJECT 6414-00-81		
BUS 51 & CTH HH	--	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTAL	1	1

CONSTRUCTION STAKING NFILTRATION BASIN

STATION	LOCATION	SPV.0105.02 LS
PROJECT 6414-00-80	LT & RT	1
ITEMTOTAL		1

TEMPORARY VEHICLE DETECTION

	SPV.0105.07 TEMPORARY VEHICLE DETECTION LS	SPV.0105.08 TEMPORARY VEHICLE DETECTION LS
PROJECT 6414-00-80		
BUS 51 & TOMMY'S TURNPIKE	1	--
PROJECT 6414-00-80 SUBTOTAL	1	
PROJECT 6414-00-81		
BUS 51 & CTH HH	--	1
PROJECT 6414-00-81 SUBTOTAL		1
ITEM TOTAL	1	1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 310
May 3, 2018

FILE NAME : P:\UZ\W\Witnc\128397\5-final-dsgn\50-final-dgns\40-TransHwy\030201 mq.dgn PLOT TIME : 7:28:13 AM PLOT DATE : 4/25/2018 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A
WISDOT/CADDS SHEET 43

STATE PROJECT NUMBER
6414-00-81

STAGE 1 (TRAFFIC STAGE 2A)

TOTAL ESTIMATED QUANTITIES - B-49-67

	BID ITEM NUMBER	BID ITEMS	UNIT	SOUTH STRUCTURAL APPROACH SLAB	SOUTH ABUT	NORTH ABUT	NORTH STRUCTURAL APPROACH SLAB	SUPER	TOTALS
(1)	203.0200	REMOVING OLD STRUCTURE STATION 264'NB'+22.08	LS	-	-	-	-	-	0.5
	~~203.0225.S~~	~~DEBRIS CONTAINMENT B-49-67~~	LS	-	-	-	-	-	0.5
	206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-49-67	LS	-	-	-	-	-	0.5
(3)	210.1500	BACKFILL STRUCTURE TYPE A	TON	-	195	195	-	-	390
(3)	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	155	-	-	155	-	310
(7) (6)	502.0100	CONCRETE MASONRY BRIDGES	CY	54.0	35	35.1	53.9	204.0	382
(4)	502.3200	PROTECTIVE SURFACE TREATMENT	SY	94	-	-	94	517	705
(5)	502.3210	PIGMENTED SURFACE SEALER	SY	10	-	-	10	46	66
	502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	-	16	16	-	-	32
	502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	-	12	12	-	-	24
	505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	2,590	4,170	4,190	2,590	1,740	15,280
(8)	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	6,420	-	-	6,420	35,440	48,280
	505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	230	-	-	230	-	460
(18)	506.0105	STRUCTURAL STEEL CARBON	LB	-	-	-	-	5810	5810
(13)	506.0605	STRUCTURAL STEEL HS	LB	-	-	-	-	~~94,530~~	~~94,530~~
	506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EA	-	-	-	-	10	10
(9)	506.3010	WELDED STUD SHEAR CONNECTORS 7/8x5-INCH	EACH	-	-	-	-	1740	1740
	506.7050.S	REMOVING BEARINGS B-49-67	EACH	-	1	1	-	-	2
(10)	506.7060.S	BRIDGE JACKING B-49-67	LS	-	-	-	-	-	0.5
(2)	511.1200	TEMPORARY SHORING B-49-67	SF	-	300	300	-	-	600
(11)	513.8040	RAILING STEEL TYPE 3T B-49-67	LF	-	-	-	-	146	146
	516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	-	11	11	-	-	22
(12)	517.0600	PAINTING EPOXY SYSTEM B-49-67	LS	-	-	-	-	-	0.5
	517.0900.S	PREPARATION AND COATING OF TOP FLANGES B-49-67	LS	-	-	-	-	-	0.5
	550.1100	PILING STEEL HP 10-INCH x 42 LB	LF	-	245	245	-	-	490
	606.0300	RIPRAP HEAVY	CY	-	84	66	-	-	150
(14)	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	-	76	76	-	-	152
	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EA	1	-	-	1	-	2
(17)	614.0920	SALVAGED RAIL	LF	-	-	-	-	134	134
	645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	-	44	44	-	-	88
	645.0120	GEOTEXTILE TYPE HR	SY	-	158	131	-	-	289
(15)	652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	-	-	-	-	124	124
	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	-	-	-	-	191	191
	653.0222	JUNCTION BOX 18x12x6-INCH	EACH	-	-	-	-	1	1
(16)	690.0250	SAWING CONCRETE	LF	-	18	18	-	-	36
		NON-BID ITEMS							
		FILLER	SIZE	——	——	——	——	——	½ & ¾
		NAMEPLATE	EACH	——	——	——	——	——	1
		BENCHMARK	EACH	——	——	——	——	——	1

203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS (1)

99.610

99.610 (1)

QUANTITY NOTES

LS = LUMP SUM ITEMS AND ARE BASED ON 0.5 FOR STAGE 1 AND 0.5 FOR STAGE 2.

CONTACT THE DOT REGARDING SITE STORAGE AND PICK-UP OF SALVAGED MATERIAL.

(1) REMOVAL OF DECK, MEDIAN, WINGWALLS & PORTION OF ABUTMENTS. STEEL BEAMS, STEEL DIAPHRAGMS, AND PARTS OF SUBSTRUCTURES TO REMAIN. PROTECT ITEMS TO REMAIN DURING REMOVALS.

(2) TEMPORARY SHORING IS BASED ON THE SQUARE FOOT OF EXPOSED PILE SURFACE BETWEEN THE UPPER & LOWER GRADES.

(3) A FACTOR OF 2.0 WAS USED TO CONVERT CU YDS TO TONS.

(4) APPLY A PROTECTIVE SURFACE TREATMENT TO TOP OF BRIDGE DECK AND SIDEWALKS, TOP OF APPROACH SLABS AND TOP OF APPROACH SLAB NOTCH. AND TOP OF SLAB UNDER MEDIAN. PER THE STANDARD SPECIFICATIONS AND THE SUPERSTRUCTURE DETAILS SHEET.

(5) APPLY PIGMENTED SURFACE SEALER TO TOP AND INSIDE FACES OF PARAPET INCLUDING PARAPET LOCATED ON THE APPROACH SLAB. PER THE STANDARD SPECIFICATIONS AND THE SUPERSTRUCTURE DETAILS SHEET.

(6) SUPERSTRUCTURE CONCRETE QUANTITY INCLUDES BRIDGE DECK AND ALL SIDEWALKS & PARAPETS ON BRIDGE AND APPROACH SLABS.

(7) FOR CONCRETE QUANTITY PURPOSES, AN AVERAGE HT OF 3" WAS USED TO CALCULATE THE BEAM HAUNCHES.

(8) SUPERSTRUCTURE REINFORCEMENT QUANTITY INCLUDES BRIDGE DECK AND SIDEWALK & PARAPET ON BRIDGE DECK.

(9) INCLUDES 1392 STUDS FOR NEW BEAMS AND 3132 FOR EXISTING BEAMS.

(10) ITEM: "BRIDGE JACKING B-49-67" INCLUDES THE FOLLOWING TASKS. BID PRICES SHALL INCLUDED THE COST FOR THE FOLLOWING: RAISING AND RESETTING THE EXISTING STEEL FRAME (BEAMS AND THE EXISTING STEEL DIAPHRAGMS.) THE FRAME SHALL BE SHORED OR DISASSEMBLED WHILE THE NEW BEARING LOCATIONS AND ELEVATIONS ARE BEING CONSTRUCTED. THE EXISTING STEEL DIAPHRAGMS BETWEEN BEAM 1 AND BEAM 2 SHALL BE REMOVED AND SALVAGED. ALL OTHER EXISTING STEEL DIAPHRAGMS SHALL REQUIRE DISASSEMBLY AND REASSEMBLY TO FIT THE NEW CROWN OF THE BRIDGE. THE EXISTING STEEL DIAPHRAGMS HAVE WELDED CONNECTIONS TO THE BEAMS. BOLTS SHALL BE USED TO REASSEMBLY THE EXISTING STEEL DIAPHRAGMS. DRILL HOLES FOR THE BOLTS IN THE EXISTING STEEL DIAPHRAGMS AND THE STIFFENER PLATE. FOR REASSEMBLY, REUSING EXISTING BOLTS WILL NOT BE ALLOWED. RESETTING OF THE FRAME ONTO THE BEARING SEATS SHALL TAKE PLACE AFTER THE APPROVAL OF THE ENGINEER.

(11) ITEM: "RAILING STEEL TYPE 3T B-49-67" INCLUDES ALL RAILING STEEL ITEMS AND PAINTING. SEE RAILING NOTES FOR PAINTING.

(12) SEE SPECS:
ITEM: "PAINTING EPOXY SYSTEM B-49-67" SHALL BE USED TO PAINT THE FOLLOWING SURFACES:
FOR THE EXISTING BEAMS REMOVE ALL EXISTING PAINT AT THE BEAM ENDS AND REPAINT THE BEAM ENDS PER A DISTANCE OF 6 FEET FROM EACH END. FOR THE NEW BEAMS SHOP PAINT THE BEAM ENDS FOR A DISTANCE OF 6 FEET FROM EACH END.
THE COLOR SHALL BE FEDREAL STANDARD 595B COLOR 20122 (BROWN).

(13) ITEM : "STRUCTURAL STEEL HS" INCLUDES THE STEEL COMPONENTS THAT MAKE UP THE NEW AND EXISTING FRAME INCLUDING BUT NOT LIMITED TOO: BEAM WEB & FLANGES, SPLICE PLATES, STIFFENER PLATES, CONNECTOR PLATES, BOLTS, NUTS, WASHERS AND HARDWARE.

(14) INCLUDES RODENT SHIELD FOR PIPE UNDERDRAIN PER SDD 8F6-4.

(15) EXPANSION FITTINGS, ANGLES AND ADAPTER FITTINGS TO BE INCEDENTAL TO "CONDUIT RIGID METALLIC 2-INCH". GROUNDING SYSTEM IS INCLUDED IN THIS ITEM.

(16) SAWING OF CONCRETE FOR REMOVAL AREAS.

(17) ITEM: "SALVAGED RAIL" INCLUDES SALVAGING THE FOLLOWING ITEMS:
DOUBLE ALUMINUM RAILING, RAILING POST AND HARDWARE. SALVAGE THE EXISTING NAMEPLATE.

(18) ITEM: "STRUCTURAL STEEL CARBON" INCLUDES THE FOLLOWING ITEMS; STEEL DIAPHRAGMS MC18X42.7.

William C. Dreher SDR
04/30/18

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 496
May 3, 2018

WISCONSIN
NATHAN C. KLOPP
E-39850
ST PAUL MN
PROFESSIONAL ENGINEER
4/26/2018

SEE ROADWAY PLAN FOR LANE STAGING AND TRAFFIC SHIFT.
COORDINATE WITH THESE STRUCTURE PLANS THE BRIDGE STAGING.

BRIDGE STAGE 1	= TRAFFIC STAGE 2A
BRIDGE STAGE 2	= TRAFFIC STAGE 3A
BRIDGE STAGE 3	= TRAFFIC STAGE 4A

NO.	DATE	REVISION	BY
1	4/26/18	Bid Item Change and Quantity Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

QUANTITIES
STAGE 1

SHEET 4 OF 41

496

PLOT TIME: 11:59:40 AM
PLOT DATE: 4/26/2018
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8

STATE PROJECT NUMBER
6414-00-81

STAGE 2 (TRAFFIC STAGE 3A)

TOTAL ESTIMATED QUANTITIES - B-49-67

	BID ITEM NUMBER	BID ITEMS	UNIT	SOUTH STRUCTURAL APPROACH SLAB	SOUTH ABUT	NORTH ABUT	NORTH STRUCTURAL APPROACH SLAB	SUPER	TOTALS
1	203.0200	REMOVING OLD STRUCTURE STATION 264'NB'+22.08	LS	-	-	-	-	-	0.5
	203.0225.S	DEBRIS CONTAINMENT B-49-67	LS	-	-	-	-	-	0.5
	206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-49-67	LS	-	-	-	-	-	0.5
3	210.1500	BACKFILL STRUCTURE TYPE A	TON	-	36	36	-	-	72
3	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	230	-	-	227	-	457
7 6	502.0100	CONCRETE MASONRY BRIDGES	CY	80.5	19.8	19.7	79.7	272.3	472
	502.1100	CONCRETE MASONRY SEAL	CY	-	2	-	-	-	2
4	502.3200	PROTECTIVE SURFACE TREATMENT	SY	139	-	-	139	740	1018
5	502.3210	PIGMENTED SURFACE SEALER	SY	10	-	-	10	46	66
	502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	-	122	120	-	-	242
	502.4208	ADHESIVE ANCHORS NO. 8 BAR	EACH	-	12	12	-	-	24
	505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	3,250	2,690	2,680	3,250	2,460	14,330
8	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	9,030	-	-	9,030	46,710	64,770
	505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	340	-	-	340	-	680
18	506.0105	STRUCTURAL STEEL CARBON	LB	-	-	-	-	2050	2050
13	506.0605	STRUCTURAL STEEL HS	LB	-	-	-	-	210	210
	506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EA	-	-	-	-	16	16
9	506.3010	WELDED STUD SHEAR CONNECTORS 7/8x5-INCH	EACH	-	-	-	-	2784	2784
	506.7050.S	REMOVING BEARINGS B-49-67	EACH	-	8	8	-	-	16
10	506.7060.S	BRIDGE JACKING B-49-67	LS	-	-	-	-	-	0.5
11	513.8040	RAILING STEEL TYPE 3T B-49-67	LF	-	-	-	-	146	146
	516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	-	15	15	-	-	30
12	517.0600	PAINTING EPOXY SYSTEM B-49-67	LS	-	-	-	-	-	0.5
	517.0900.S	PREPARATION AND COATING OF TOP FLANGES B-49-67	LS	-	-	-	-	-	0.5
	550.1100	PILING STEEL HP 10-INCH x 42 LB	LF	-	70	70	-	-	140
	606.0300	RIPRAP HEAVY	CY	-	114	88	-	-	202
14	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	-	96	96	-	-	192
	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EA	1	-	-	1	-	2
17	614.0920	SALVAGED RAIL	LF	-	-	-	-	134	134
	645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	-	9	9	-	-	18
	645.0120	GEOTEXTILE TYPE HR	SY	-	214	173	-	-	387
15	652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	-	-	-	-	155	155
	652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	-	-	-	-	137	137
	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	-	-	-	-	255	255
	653.0222	JUNCTION BOX 18x12x6-INCH	EACH	-	-	-	-	1	1
16	690.0250	SAWING CONCRETE	LF	-	132	132	-	-	264
		NON-BID ITEMS							
		FILLER	SIZE	———	———	———	———	———	½ & ¾

203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS ⚠

STAGE 3 (TRAFFIC STAGE 4A)

TOTAL ESTIMATED QUANTITIES - B-49-67

BID ITEM NUMBER	BID ITEMS	UNIT					SUPER	TOTALS
502.0100	CONCRETE MASONRY BRIDGES	CY	-	-	-	-	19	19
502.3200	PROTECTIVE SURFACE TREATMENT	SY	-	-	-	-	133	133
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	-	-	-	-	1,060	1060

QUANTITY NOTES

SEE SHEET 4 FOR QUANTITY NOTES.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 497
May 3, 2018

William C. Dreher SDR
04/30/18

WISCONSIN
NATHAN C. KLOPP
E-39850
ST PAUL MN
PROFESSIONAL ENGINEER
4/26/2018

SEE ROADWAY PLAN FOR LANE STAGING AND TRAFFIC SHIFT.
COORDINATE WITH THESE STRUCTURE PLANS THE BRIDGE STAGING.

BRIDGE STAGE 1 = TRAFFIC STAGE 2A
BRIDGE STAGE 2 = TRAFFIC STAGE 3A
BRIDGE STAGE 3 = TRAFFIC STAGE 4A

NO.	DATE	REVISION	BY
1	4/26/18	Bid Item Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

QUANTITIES
STAGE 2 AND 3

SHEET 5 OF 41

497

8

8

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PLOT DATE: 4/26/2018
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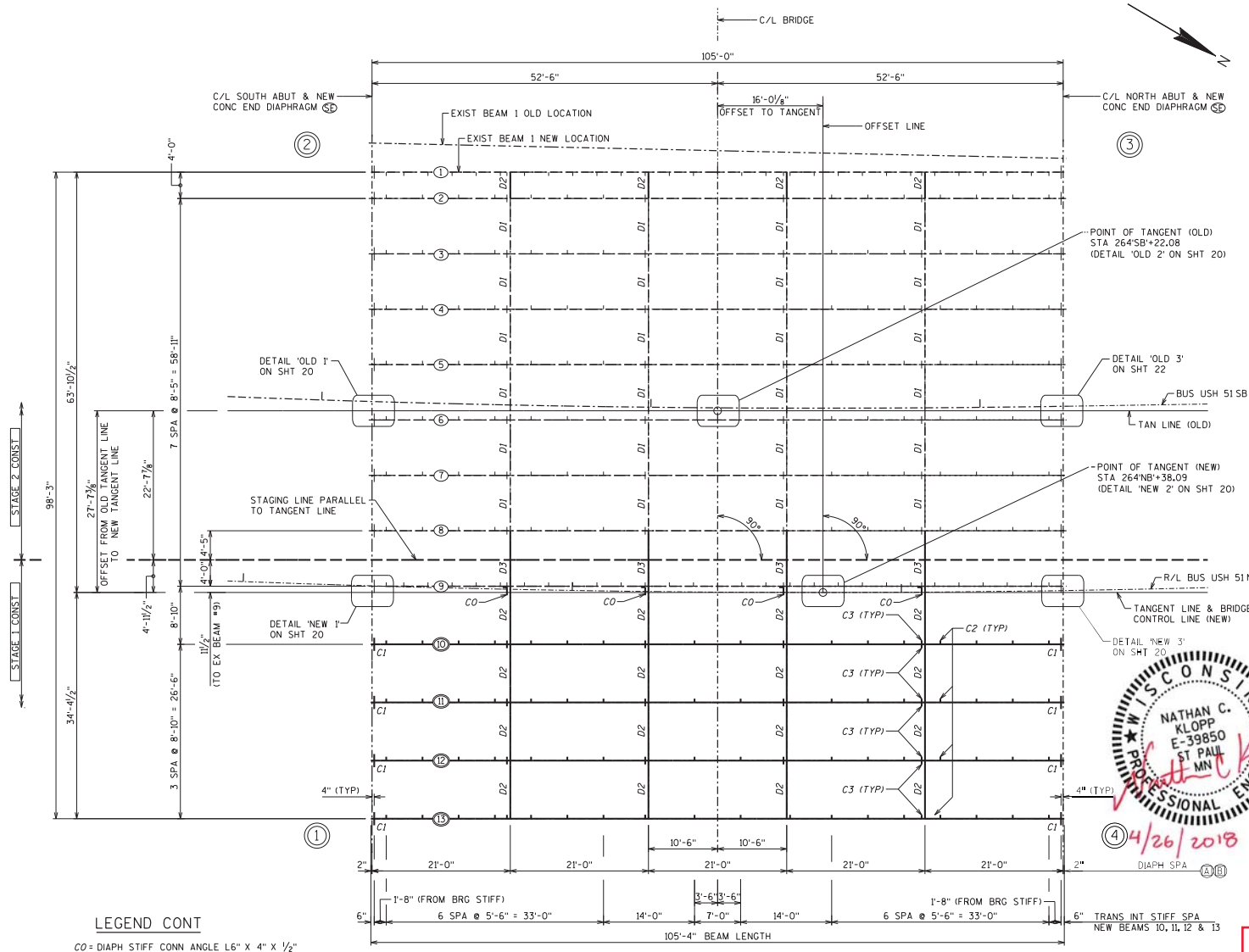


LEGEND CONT

CO = DIAPH STIFF CONN ANGLE L6" X 4" X 1/2"
-EAST SIDE OF BEAM OPPOSITE EXISTING CONN

C1 = BRG STIFF CONN PLs 2-PLs 3/4" X (5" TO 9")
-EACH SIDE OF BEAM AT BEAM BRGS

C2 = TRANS INT STIFF CONN PLs 3/4" X 6".
-INTERIOR & EXTERIOR BEAMS.

C3 = DIAPH STIFF CONN PLs 1/2" X 6"
-AT NEW DIAPHRAGMS UNLESS NOTED OTHERWISE

1/2"

FRAMING PLAN

William C. Dreher SDR
04/30/18

FRAMING & BEAM NOTES

OPTIONAL WELDED SHOP SPLICES MAY BE USED FOR ALL FLG. & WEB PLS OVER 60'-0" LONG. IF USED, THE LOCATION OF THE SPLICE SHALL BE SHOWN ON SHOP DRAWINGS & WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

AT EXTERIOR GIRDERS PLACE INTERMEDIATE STIFFENERS ON INTERIOR FACE OF GIRDER.

AT INTERIOR GIRDERS PLACE INTERMEDIATE STIFFENER PLS ON ONE SIDE OF GIRDER.

ALL GIRDERS ARE STRAIGHT AND PARALLEL TO THE TANGENT LINE AND ARE NOT HORIZONTALLY CURVED.

ALL CONNECTION STIFFENER PLATES TO BE PERPENDICULAR TO WEB AND TO MATCH VERT PLUMB OF EXIST DIAPHRAGMS & CONNECTIONS.

ALL BEARING STIFFENER PLATES TO BE PERPENDICULAR TO WEB AND VERTICAL AND ARE ON EACH SIDE OF GIRDER.

ALL NEW STRUCTURAL STEEL, INCLUDING CONNECTIONS, SHALL BE STRUCTURAL STEEL ASTM A709 GRADE 50W.

ALL BOLTED CONNECTIONS SHALL BE FRICTION TYPE USING 3/4" ϕ HIGH STRENGTH BOLTS. (A.S.T.M. A325) WITH DOUBLE WASHERS UNLESS OTHERWISE SHOWN OR NOTED.

ALL NEW STRUCTURAL STEEL SHALL BE PAINTED. THE COLOR AND FINISH COATING SHALL MATCH COLOR NO. 20122 (BROWN) IN ACCORDANCE WITH FEDERAL STANDARD NO. 595B.

ALL DIAPHRAGM MATERIAL INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AFTER FABRICATION.

LEGEND

(SE) NEW SEMI-EXPANSION BEARING SEAT (ALL BEAMS)

INDICATES EXISTING BEAM LINE

INDICATES NEW BEAM LINE

4" MIN., 1'-2" MAX.

(A) ALL NEW DIAPHRAGM CONNECTOR PLATES (5 1/2" X 1/2") AND DIAPHRAGMS (MC 18X42.7) ARE TO LINE WITH EXIST DIAPHRAGMS. NEW DIAPH SPACING TO MATCH EXISING SPACING. FIELD VERIFY SPACING & LOCATION.

(B) ADJUST EXISTING INTERMEDIATE DIAPHRAGMS AFTER BEAMS HAVE BEEN REPOSITIONED ONTO NEW BEARING SEATS. THE HIGHER END OF THE EXISTING CONNECTION TO THE BEAM STIFF CAN REMAIN WELDED TO THE BEAM. INSPECT ALL EXIST WELDED CONNECTIONS. REPAIR WELD AS NECESSARY. DETACH/CUT THE WELD ON THE LOWER END OF THE DIAPHRAGMS CONNECTION TO THE STIFF TO A CLEAN SURFACE FINISH. REAM NEW HOLES AS REQUIRED FOR BOLTED CONNECTION ONTO THE EXISTING STIFFENER. PROVIDE NEW BOLTS AS REQUIRED. INCLUDED UNDER ITEM "BRIDGE JACKING B-49-67".

D1 = EXIST (MC 18X42.7) STEEL DIAPHRAGM TO BE ADJUSTED.

D2 = NEW (MC 18X42.7) STEEL DIAPHRAGM.

D3 = NEW (MC 18X42.7) DIAPHRAGM IN STAGING BAY BETWEEN BM 8 AND BM 9 PLACED DURING STAGE 2 CONSTRUCTION. (EXISTING MC 18X42.7 DIA CAN BE SALVAGED AT THE DISCRESION OF THE DESIGN ENGINEER

NOTE : OPEN END OF CHANNEL TO BE POSTIONED TO MATCH OPEN END OF EXISTING CHANNELS.

NATHAN C. KLOPP E-39850 ST PAUL MN
WISCONSIN PROFESSIONAL ENGINEER
4/26/2018

STATE PROJECT NUMBER
6414-00-81

NO.	DATE	REVISION	BY
1	4/26/18	Plate Thickness Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

FRAMING PLAN

SHEET 19 OF 41

511

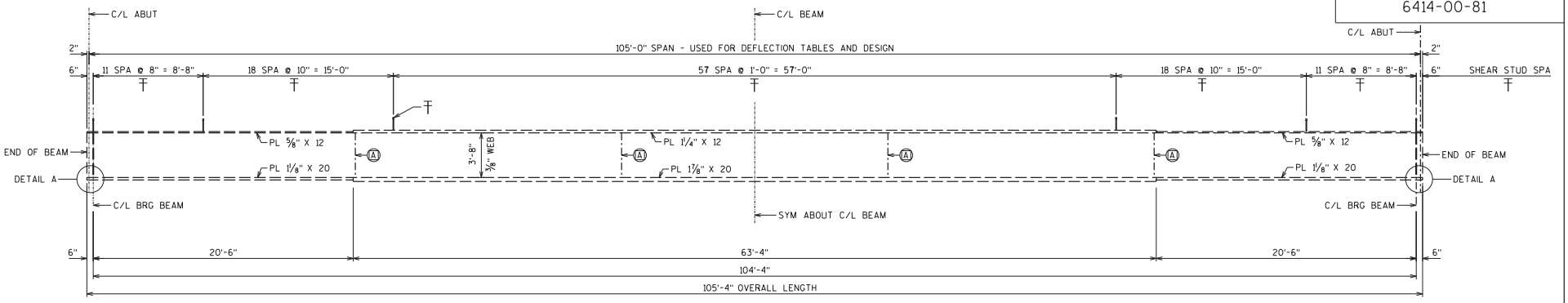
Addendum No. 01
ID 6414-00-80/81
Revised Sheet 511
May 3, 2018

8

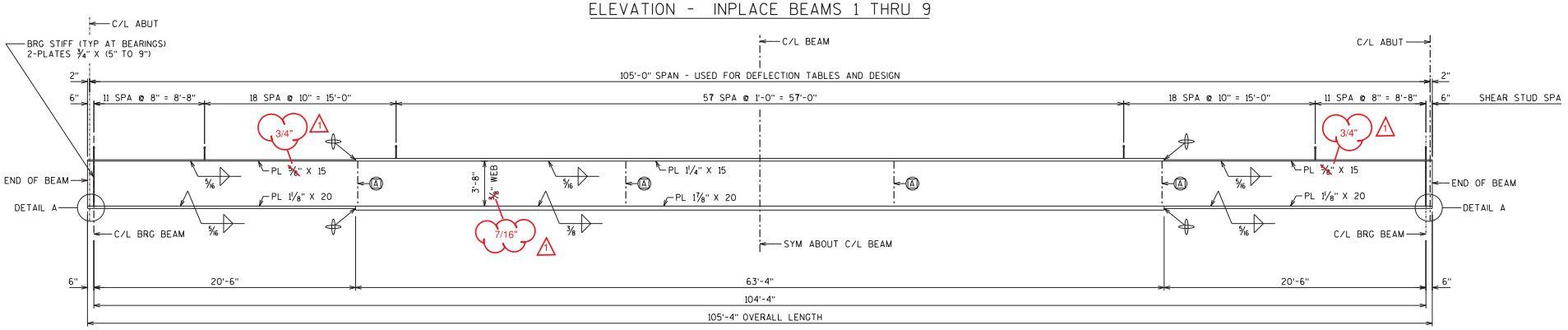
8

FILE NAME : S:\UZ\WI\mc\283975\final-dsgn\Sr-drawings\20-Struct\br\bridge\b283975fpl.dgn
PLOT DATE: 4/26/2018 PLOT TIME: 14:59:48 AM

STATE PROJECT NUMBER
6414-00-81

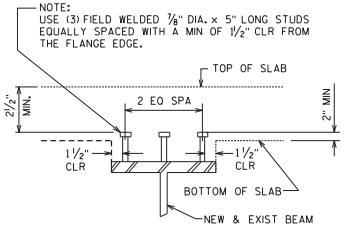


ELEVATION - INPLACE BEAMS 1 THRU 9



ELEVATION - NEW BEAMS 10 THRU 13

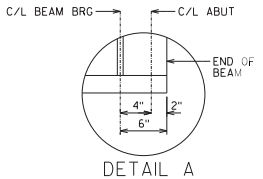
(PROVIDE 4" CAMBER IN BEAM)



NOTE: USE DIFFERENT LENGTH STUDS IF 2" MIN CLEARANCE OR EXTENSION CRITERIA IS VIOLATED.

SHEAR STUD DETAILS

AT NEW & EXIST BEAMS



DETAIL A

(TYP EACH END OF BEAM)

NOTES

REFER TO SHEET 19 FOR FRAMING PLAN, "FRAMING PLAN & BEAM NOTES" & "LEGEND".

⌖ OPTIONAL FLG BUTT SPLICES. THE 1 7/8" OR 1 1/4" THICK. FLG PLATE MAY BE FURNISHED FULL LENGTH. PAY WEIGHT S BASED ON SECTION AS DETAILED.

∓ CUTOFF EXIST STUDS 1" (PLUS OR MINUS) FROM TOP OF FLG. ADJUST NEW STUDS TO MISS EXIST STUD CUTOFFS.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 513
May 3, 2018

William C. Dreher SDR
04/30/18

WISCONSIN
NATHAN C. KLOPP
E-39850
ST PAUL MN
PROFESSIONAL ENGINEER
4/26/2018

NO.	DATE	REVISION	BY
1	4/26/18	Plate Thickness Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

BEAM DETAILS

SHEET 21 OF 41

513

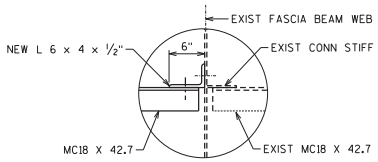
8

8

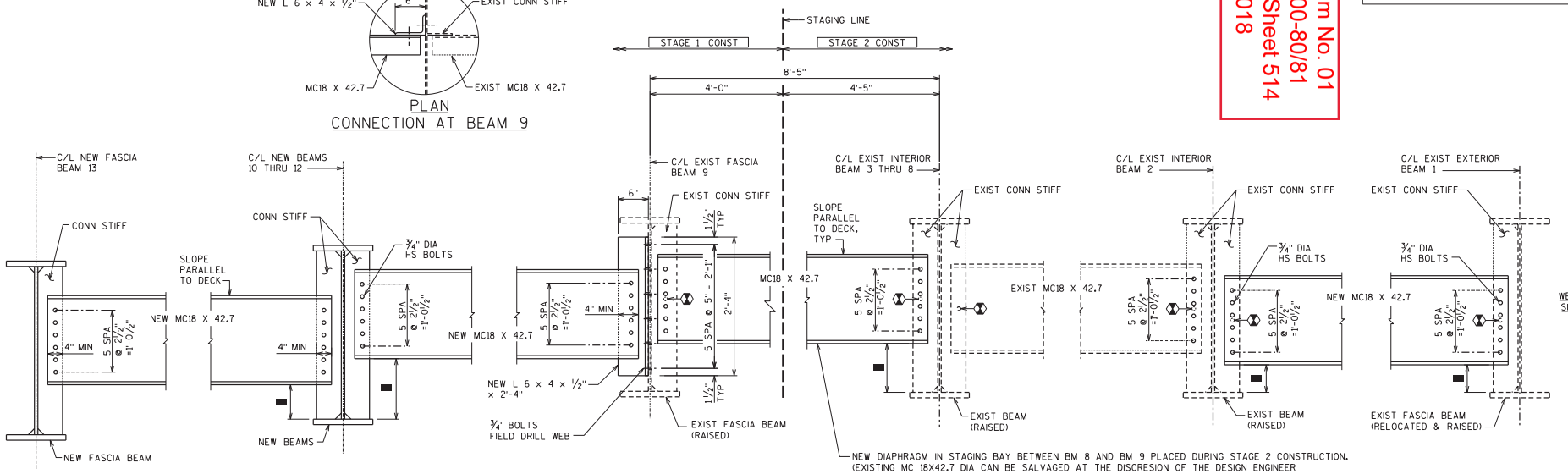
PLOT TIME: 1:59:48 AM
PLOT DATE: 4/26/2018
FILE NAME : S:\UZ\WI\Inc\283975\Final-dsgn\St-drawings\20-Struct\bridge\b283978EAM.dgn

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 514
May 3, 2018

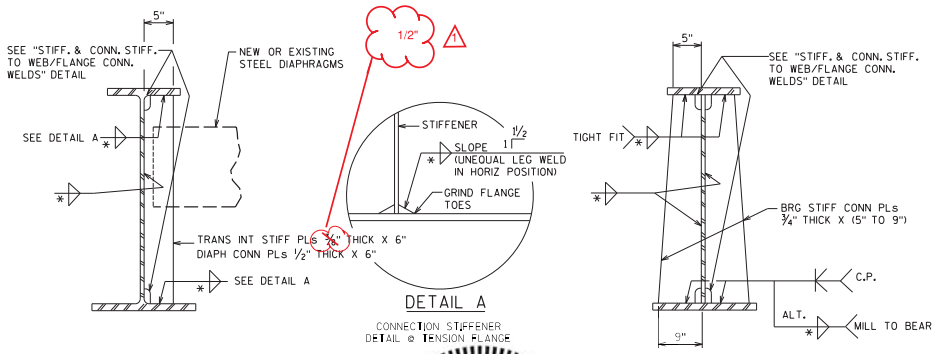
STATE PROJECT NUMBER
6414-00-81



PLAN
CONNECTION AT BEAM 9

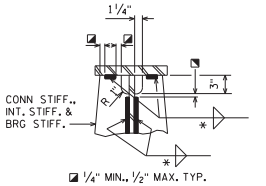


INTERMEDIATE DIAPHRAGM IN SPANS



CONNECTION STIFF. DETAILS
(NEW BEAMS)

BRG. STIFF. DETAILS TYP. AT ABUTS.
(NEW BEAMS)



◪ ¼" MIN., ½" MAX. TYP.
STIFF. & CONN. STIFF. TO WEB/FLANGE CONN. WELDS

*TABLE OF FILLET WELD SIZES

MATERIAL THICKNESS OF THICKER PART JOINED.	† MIN. SIZE OF FILLET WELD
TO ½" INCLUSIVE	3/16"
OVER ½" TO ¾"	¼"
OVER ¾" TO 1½"	△ 5/16"
OVER 1½" TO 2¼"	△ ⅜"
OVER 2¼" TO 6"	△ ½"

† EXCEPT THAT THE WELD SIZE SHALL NOT EXCEED THE THICKNESS OF THE THINNER PART JOINED.
△ MIN. PASS SIZE IS 5/16"

NOTES

REFER TO SHEET 19 FOR FRAMING PLAN, "FRAMING PLAN & BEAM NOTES" & "LEGEND".

Ⓧ INPLACE ¾" DIA ERECTION BOLT FOR EXISTING INPLACE WELDED CONNECTION TO DIAPHRAGM. SEE NOTE Ⓑ ON SHEET 19.

WISCONSIN
NATHAN C. KLOPP
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ST PAUL MN
PROFESSIONAL ENGINEER
4/26/2018

William C. Dreher SDR
04/30/18

NO.	DATE	REVISION	BY
1	4/26/18	Plate Thickness Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

BEAM DETAILS

SHEET 22 OF 41

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PLOT TIME: 11:59:48 AM
PLOT DATE: 4/26/2018
FILE NAME : S:\DZ\WI\Proj\283975\Final-dsgn\St-drawings\20-Struct\br\dgn\b28397BEAM.dgn

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STATE PROJECT NUMBER
6414-00-81

BEAM DEFLECTIONS

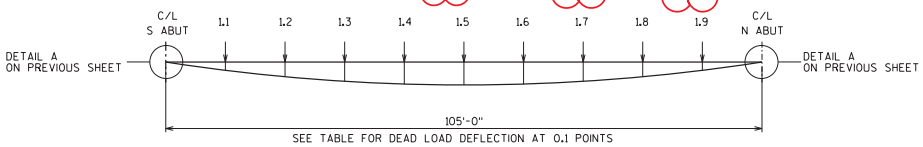
CONCRETE DEAD LOAD DEFLECTIONS (INCHES)

BEAMS	C/L S ABUT	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	C/L N ABUT
1	0	0.2	0.3	0.5	0.5	0.6	0.5	0.5	0.3	0.2	0
2	0	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0
3	0	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0
4	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
5	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
6	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
7	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
8	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
9	0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0
10	0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0
11	0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0
12	0	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0
13	0	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0

CONCRETE AND STEEL DEAD LOAD DEFLECTIONS (INCHES)

BEAMS	C/L S ABUT	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	C/L N ABUT
1	0	1.1	1.9	2.6	3	3.2	3	2.6	1.9	1.1	0
2	0	1.2	2.1	2.8	3.3	3.4	3.3	2.8	2.1	1.2	0
3	0	1.3	2.4	3.2	3.7	3.9	3.7	3.2	2.4	1.3	0
4	0	1.5	2.6	3.5	4	4.2	4	3.5	2.6	1.4	0
5	0	1.5	2.7	3.6	4.2	4.4	4.2	3.6	2.7	1.5	0
6	0	1.5	2.7	3.6	4.2	4.4	4.2	3.6	2.7	1.5	0
7	0	1.5	2.7	3.6	4.2	4.4	4.2	3.6	2.7	1.5	0
8	0	1.5	2.7	3.6	4.2	4.3	4.2	3.6	2.7	1.5	0
9	0	1.5	2.6	3.5	4.1	4.3	4.1	3.6	2.6	1.5	0
10	0	1.4	2.6	3.4	4	4.2	4	3.5	2.6	1.4	0
11	0	1.4	2.5	3.3	3.9	4	3.9	~~3.3~~	2.5	1.4	0
12	0	1.3	2.4	~~3.1~~	3.7	3.8	3.7	3.2	2.4	1.3	0
13	0	1.2	2.2	2.9	3.4	~~3.5~~	3.4	2.9	2.2	1.2	0

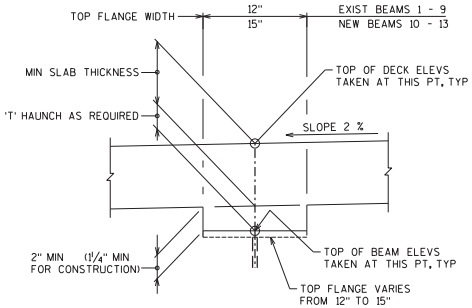
3.2 3.6 3.4 1



NOTE

DEFLECTIONS ARE THEORETICAL AND MAY VARY IN FIELD.

DEFLECTIONS USED FOR COMPUTING GIRDER ELEVATION SHALL BE CALCULATED BY TAKING GIRDER ELEVATION BEFORE & AFTER THE EXISTING DECK IS REMOVED. THE DEFLECTIONS GIVEN ON THIS PLAN SHALL BE USED AS REFERENCE ONLY.



SLAB THICKNESS DIAGRAM

NOTES

'T' = HAUNCH HEIGHT AT CENTERLINE OF BEAM.

TO DETERMINE THE 'T': AFTER ALL STRUCTURAL STEEL HAS BEEN ERECTED, ELEVATIONS AT THE TOP FLANGES SHALL BE TAKEN ALONG THE CENTERLINE OF THE BEAMS AT 0.1 POINTS.

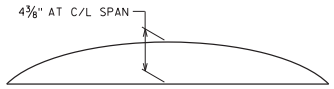
TOP OF DECK ELEVATION AT FINAL GRADE

\- TOP OF STEEL ELEVATION AFTER STEEL ERECTION

\+ CONC ONLY DEFLECTION: DOWNWARD DEFLECTION IS ADDED, UPWARD DEFLECTION IS SUBTRACTED

\- SLAB THICKNESS

= 'T' VALUE FOR SETTING HAUNCH ('T' = 2⅛" AT ABUTS At Existing Beams) ('T' = 2" At Abuts At New Beams) 1



CAMBER DIAGRAM
(FOR BEAMS 10, 11, 12 & 13)

TOP OF STEEL ELEVATIONS

BEAMS	C/L S ABUT	C/L N ABUT
1	1075.49	1074.37
2	1075.57	1074.45
3	1075.73	1074.62
4	1075.90	1074.79
5	1076.06	1074.96
6	1076.23	1075.13
7	1076.39	1075.30
8	1076.56	1075.47
9	1076.72	1075.64
10	~~1076.54~~ 1076.55	~~1075.49~~ 1075.51
11	~~1076.36~~ 1076.37	~~1075.32~~ 1075.33
12	~~1076.19~~ 1076.20	~~1075.14~~ 1075.15
13	~~1076.01~~ 1076.02	~~1074.96~~ 1074.97

1

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 515
May 3, 2018

William C. Drecher SDR
04/30/18

4/26/2018

NOTES

REFER TO SHEET 19 FOR FRAMING PLAN, "FRAMING PLAN & BEAM NOTES" & "LEGEND".

SEE SHEET 25 FOR FINISHED DECK ELEVATIONS.

NO.	DATE	REVISION	BY
1	4/26/18	Deflection and Elevations Change	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

BLOCKING AND DEFLECTION DIAGRAMS

SHEET 23 OF 41

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8

PLOT TIME: 14:59:48 AM
PLOT DATE: 4/26/2018
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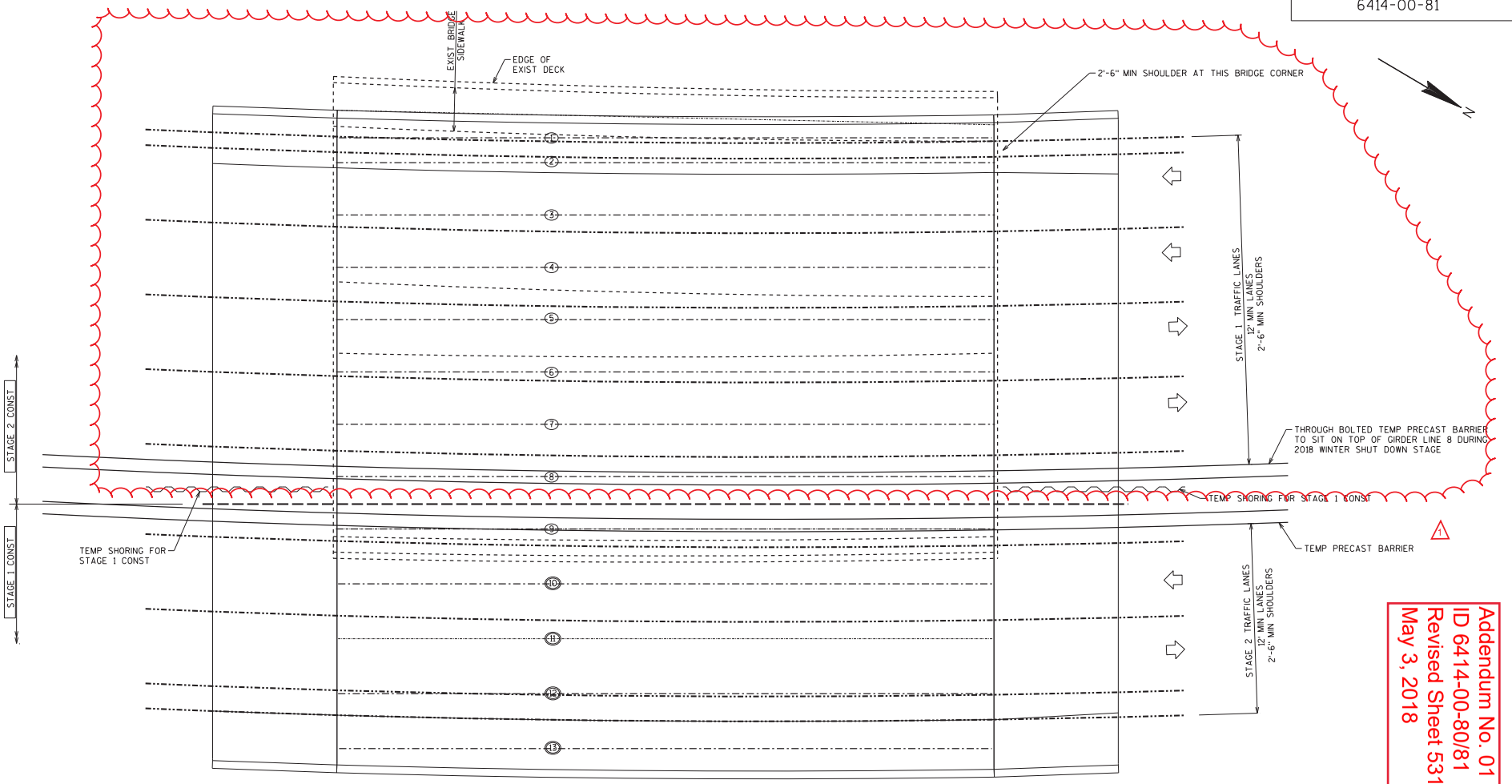
STATE PROJECT NUMBER
6414-00-81



Addendum No. 01
ID 6414-00-80/81
Revised Sheet 531
May 3, 2018

William C. Dreher SDR
04/30/18

PLAN BRIDGE TRAFFIC STAGING SCHEMATIC
(STAGE 3 NOT SHOWN FOR CLARITY)

WISCONSIN
NATHAN C. KLOPP
E-39850
ST PAUL
MN
PROFESSIONAL ENGINEER
4/26/2018

NO.	DATE	REVISION	BY
1	4/26/18	WISDOT Change to 4-Lanes of Traffic	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

BRIDGE TRAFFIC STAGING CONCEPT

SHEET 39 OF 41

531

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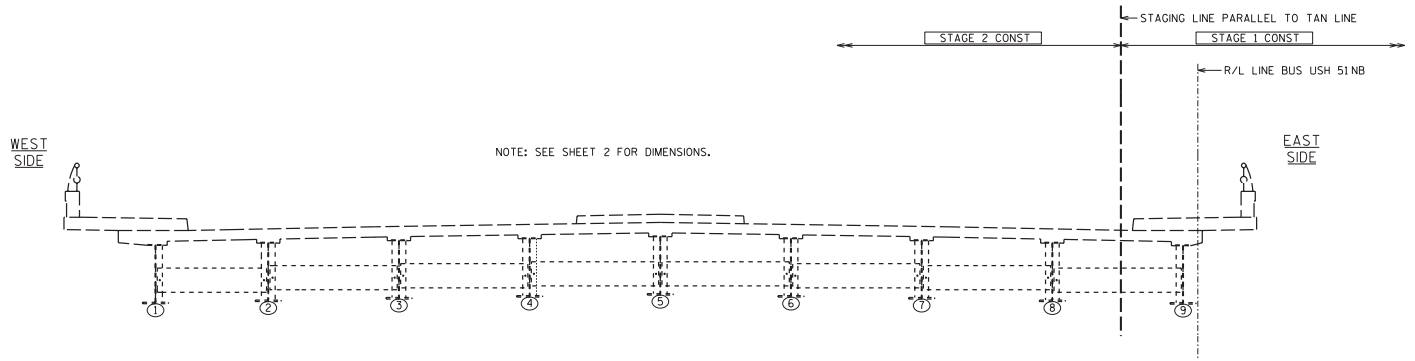
6414-00-81



EXISTING CROSS SECTION THRU RDWY.
(LOOKING NORTH)

LEGEND

- INDICATES EXISTING GIRDER LINE
- INDICATES NEW GIRDER LINE
- INDICATES TEMPORARY BARRIER. SEE WISCONSIN (FDM) MANUAL FOR ANCHORING REQUIREMENTS.
- ✳ ACTUAL SPACING SHALL BE DETERMINED BY THE CONTRACTOR TO ACCOMMODATE NEW CONSTRUCTION

NOTE:
COORDINATE BRIDGE STAGING WITH THE ROADWAY STAGING.

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 532
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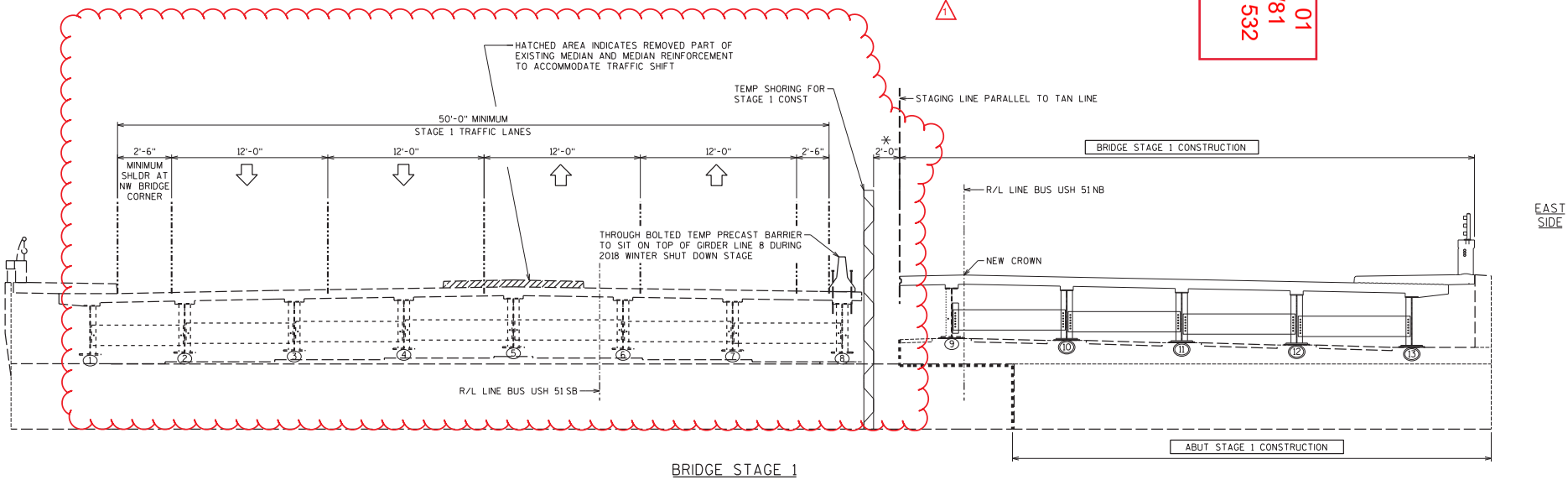

BRIDGE STAGE 1
(LOOKING NORTH) (SHOWING ABUTMENT STAGING)

-SHIFT TRAFFIC AS SHOWN. (SEE ROADWAY DRAWINGS)
-CONSTRUCT NEW NORTH BOUND LANES WIDENING.

William C. Drehn SDR
04/30/18

WISCONSIN
NATHAN C. KLOPP
E-39850
ST PAUL MN
PROFESSIONAL ENGINEER
4/26/2018

NO.	DATE	REVISION	BY
1	4/26/18	WISDOT Change to 4-Lanes of Traffic	NCK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-49-67

DRAWN BY DLF | PLANS CK'D. NCK

BRIDGE TRAFFIC STAGING CONCEPT

SHEET 40 OF 41

532

8

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PLOT TIME: 16:59:54 AM
PLOT DATE: 4/26/2018
FILE NAME : S:\UZ\WI\Hnc\283975\final-dsgn\5-drawings\20-Structr\bridge\b283975staging2.dgn

MCDILL AVENUE TEMPORARY WIDENING - STAGE 1 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
10+00	3.3	0.0					
10+50	11.4	0.0	15.0	0.0	15	0	15
11+00	17.2	0.0	25.0	0.0	40	0	40
11+50	22.2	0.0	35.0	0.0	75	0	75
12+00	33.1	0.0	50.0	0.0	125	0	125
12+50	43.2	0.0	70.0	0.0	195	0	195
13+00	44.0	0.0	80.0	0.0	275	0	275
13+50	40.6	0.0	80.0	0.0	355	0	355
14+00	38.1	0.0	75.0	0.0	430	0	430
14+50	34.6	0.0	65.0	0.0	495	0	495
15+00	29.6	0.0	60.0	0.0	555	0	555
15+50	28.1	0.0	55.0	0.0	610	0	610
16+00	32.5	0.0	55.0	0.0	665	0	665
16+50	24.9	0.0	55.0	0.0	720	0	720
17+00	21.2	0.0	45.0	0.0	765	0	765
17+50	25.0	0.0	45.0	0.0	810	0	810
18+00	25.0	0.0	45.0	0.0	855	0	855
18+29	10.0	0.0	20.0	0.0	875	0	875

MCDILL AVENUE - STAGE 2 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
900+20	2.6	27.4					
900+40	10.9	20.4	5.0	25.0	5	25	-20
900+44	8.9	18.2	0.0	5.0	5	30	-25
900+48	13.8	19.3	0.0	5.0	5	35	-30
900+50	14.7	16.8	0.0	0.0	5	35	-30
900+75	26.4	2.4	20.0	10.0	25	45	-20
901+00	61.5	0.0	40.0	0.0	65	45	20
901+25	104.1	0.0	75.0	0.0	140	45	95
901+50	140.9	11.4	115.0	5.0	255	50	205
901+82	203.1	2.1	205.0	10.0	460	60	400
902+00	218.1	1.3	140.0	0.0	600	60	540
902+25	243.0	2.1	215.0	0.0	815	60	755
902+50	255.9	0.0	230.0	0.0	1045	60	985
902+75	217.1	2.6	220.0	0.0	1265	60	1205
903+00	218.0	0.0	200.0	0.0	1465	60	1405
903+21	219.3	0.0	170.0	0.0	1635	60	1575
903+50	140.2	1.6	195.0	0.0	1830	60	1770
904+00	139.2	0.9	260.0	5.0	2090	65	2025
904+39	140.0	0.0	200.0	0.0	2290	65	2225
904+50	140.0	0.0	55.0	0.0	2345	65	2280
905+00	115.0	0.4	235.0	0.0	2580	65	2515
905+18	134.7	0.1	85.0	0.0	2665	65	2600
905+50	99.6	0.0	140.0	0.0	2805	65	2740
906+00	75.0	0.0	160.0	0.0	2965	65	2900
906+50	86.6	0.1	150.0	0.0	3115	65	3050
907+00	97.0	0.0	170.0	0.0	3285	65	3220
907+39	95.0	0.0	135.0	0.0	3420	65	3355

LOCUST STREET N. - STAGE 2 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
100+35	82.3	0.3					
100+50	59.4	0.2	40.0	0.0	40	0	40
100+80	33.4	0.0	50.0	0.0	90	0	90

LOCUST STREET S. - STAGE 2 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
99+10	32.3	0.0					
99+25	33.8	0.0	20.0	0.0	20	0	20
99+50	61.7	0.1	45.0	0.0	65	0	65
99+56	63.2	0.0	15.0	0.0	80	0	80
99+72	90.7	0.8	45.0	0.0	125	0	125

CTH HH - STAGE 3 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
892+02	88.84	0.18					
892+50	100	0.08	170	0	170	0	170
893+00	107.22	0.62	190	0	360	0	360
893+50	109.79	1.53	200	5	560	5	555
894+00	113.23	0.48	205	0	765	5	760
894+50	132.18	0	225	0	990	5	985
895+00	143.19	0.55	255	0	1245	5	1240
895+50	151.95	1.04	275	0	1520	5	1515
896+00	144.73	3.13	275	5	1795	10	1785
896+50	126.16	6.17	250	10	2045	20	2025
897+00	104.65	10.92	215	20	2260	40	2220
897+50	79.36	18.77	170	35	2430	75	2355
898+00	54.45	23.71	125	50	2555	125	2430
898+25	43.83	16.73	45	25	2600	150	2450
898+50	22.31	19.37	30	20	2630	170	2460
898+75	8.8	32.0	15	30	2645	200	2445
899+00	3.16	40.89	5	45	2650	245	2405
899+04	2.54	43.43	0	10	2650	255	2395
899+20	0.26	52.4	0	35	2650	290	2360
899+35	0	65.03	0	40	2650	330	2320

BOAT LANDING SIDEWALK - STAGE 3 EXP Fact= 1.3

STATION	END AREA CUT (SF)	END AREA FILL (SF)	VOLUME CUT (CY)	VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	MASS HAUL (CY)
0+51	2.5	0.3					
0+75	0.0	5.0	1.0	3.0	1	3	-2
1+00	0.0	27.4	0.0	19.0	1	22	-21
1+25	0.0	52.4	0.0	48.0	1	70	-69
1+50	0.0	38.8	0.0	55.0	1	125	-124
1+60	1.0	1.0	0.0	10.0	1	135	-134

Addendum No. 01
ID 6414-00-80/81
Revised Sheet 542
May 3, 2018

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	63.000 STA	_____.____	_____.____
0004	201.0205 Grubbing	63.000 STA	_____.____	_____.____
0006	203.0200 Removing Old Structure (station) 01. B-49-67	LS	LUMP SUM	_____.____
0008	203.0210.S Abatement of Asbestos Containing Material (structure) 01. B-49-67	LS	LUMP SUM	_____.____
0012	204.0100 Removing Pavement	15,951.000 SY	_____.____	_____.____
0014	204.0110 Removing Asphaltic Surface	419.000 SY	_____.____	_____.____
0016	204.0115 Removing Asphaltic Surface Butt Joints	20.000 SY	_____.____	_____.____
0018	204.0150 Removing Curb & Gutter	19,885.000 LF	_____.____	_____.____
0020	204.0155 Removing Concrete Sidewalk	7,834.000 SY	_____.____	_____.____
0022	204.0165 Removing Guardrail	2,838.000 LF	_____.____	_____.____
0024	204.0170 Removing Fence	105.000 LF	_____.____	_____.____
0026	204.0195 Removing Concrete Bases	31.000 EACH	_____.____	_____.____
0028	204.0210 Removing Manholes	17.000 EACH	_____.____	_____.____
0030	204.0220 Removing Inlets	66.000 EACH	_____.____	_____.____
0032	204.0245 Removing Storm Sewer (size) 01. 10-Inch	42.000 LF	_____.____	_____.____
0034	204.0245 Removing Storm Sewer (size) 02. 12-Inch	1,850.000 LF	_____.____	_____.____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0036	204.0245 Removing Storm Sewer (size) 03. 15-Inch	464.000 LF	_____._____	_____._____
0038	204.0245 Removing Storm Sewer (size) 04. 18-Inch	2,199.000 LF	_____._____	_____._____
0040	204.0245 Removing Storm Sewer (size) 05. 24-Inch	1,649.000 LF	_____._____	_____._____
0042	204.0245 Removing Storm Sewer (size) 06. 30-Inch	901.000 LF	_____._____	_____._____
0044	204.0245 Removing Storm Sewer (size) 07. 36-Inch	8.000 LF	_____._____	_____._____
0046	204.0245 Removing Storm Sewer (size) 08. 60-Inch	586.000 LF	_____._____	_____._____
0048	204.9060.S Removing (item description) 01. Removing Watermain Valve Box and Valves	42.000 EACH	_____._____	_____._____
0050	204.9060.S Removing (item description) 02. Removing Hydrants	14.000 EACH	_____._____	_____._____
0052	204.9060.S Removing (item description) 03. Removing Sanitary Manhole	15.000 EACH	_____._____	_____._____
0054	204.9090.S Removing (item description) 01. Removing Watermain	8,129.000 LF	_____._____	_____._____
0056	204.9090.S Removing (item description) 02. Removing Sanitary Sewer	3,411.000 LF	_____._____	_____._____
0058	204.9105.S Removing (item description) 01. Timber Curb Stops	LS	LUMP SUM	_____._____
0060	205.0100 Excavation Common	65,854.000 CY	_____._____	_____._____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	205.0400 Excavation Marsh	17,500.000 CY	_____._____	_____._____
0064	206.1000 Excavation for Structures Bridges (structure) 01. B-49-67	LS	LUMP SUM	_____._____
0066	208.1100 Select Borrow	29,700.000 CY	_____._____	_____._____
0068	210.1100 Backfill Structure Type A	462.000 CY	_____._____	_____._____
0070	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 6414-00-80	LS	LUMP SUM	_____._____
0072	211.0100 Prepare Foundation for Asphaltic Paving (project) 02. 6414-00-81	LS	LUMP SUM	_____._____
0074	211.0200 Prepare Foundation for Concrete Pavement (project) 01. 6414-00-80	LS	LUMP SUM	_____._____
0076	211.0200 Prepare Foundation for Concrete Pavement (project) 02. 6414-00-81	LS	LUMP SUM	_____._____
0078	211.0300 Prepare Foundation for Concrete Base (project) 01. 6414-00-80	LS	LUMP SUM	_____._____
0080	211.0300 Prepare Foundation for Concrete Base (project) 02. 6414-00-81	LS	LUMP SUM	_____._____
0082	211.0500 Prepare Foundation for Base Aggregate	73.000 STA	_____._____	_____._____
0084	213.0100 Finishing Roadway (project) 01. 6414-00-80	1.000 EACH	_____._____	_____._____
0086	213.0100 Finishing Roadway (project) 02. 6414-00-81	1.000 EACH	_____._____	_____._____
0088	214.0100 Obliterating Old Road	4.000 STA	_____._____	_____._____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0090	305.0110 Base Aggregate Dense 3/4-Inch	30.000 TON	_____.____	_____.____
0092	305.0120 Base Aggregate Dense 1 1/4-Inch	48,628.000 TON	_____.____	_____.____
0094	313.0115 Pit Run	7,930.000 CY	_____.____	_____.____
0096	405.1000 Stamping Colored Concrete	1,020.000 CY	_____.____	_____.____
0098	415.0080 Concrete Pavement 8-Inch	2,299.000 SY	_____.____	_____.____
0100	415.0090 Concrete Pavement 9-Inch	60,757.000 SY	_____.____	_____.____
0102	415.0410 Concrete Pavement Approach Slab	204.000 SY	_____.____	_____.____
0104	415.4100 Concrete Pavement Joint Filling	70,707.000 SY	_____.____	_____.____
0106	415.5110.S Concrete Pavement Joint Layout 01. 6414-00-80	1.000 LS	_____.____	_____.____
0108	415.5110.S Concrete Pavement Joint Layout 02. 6414-00-81	1.000 LS	_____.____	_____.____
0110	416.0160 Concrete Driveway 6-Inch	1,266.000 SY	_____.____	_____.____
0112	416.0260 Concrete Driveway HES 6-Inch	1,819.000 SY	_____.____	_____.____
0114	416.0610 Drilled Tie Bars	317.000 EACH	_____.____	_____.____
0116	440.4410 Incentive IRI Ride	12,000.000 DOL	1.00000	12,000.00
0118	455.0605 Tack Coat	746.000 GAL	_____.____	_____.____
0120	460.2000 Incentive Density HMA Pavement	1,600.000 DOL	1.00000	1,600.00

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	460.5224 HMA Pavement 4 LT 58-28 S	304.000 TON	_____.____	_____.____
0124	460.6224 HMA Pavement 4 MT 58-28 S	2,178.000 TON	_____.____	_____.____
0126	465.0120 Asphaltic Surface Driveways and Field Entrances	1,140.000 TON	_____.____	_____.____
0128	465.0125 Asphaltic Surface Temporary	3,268.000 TON	_____.____	_____.____
0130	502.0100 Concrete Masonry Bridges	873.000 CY	_____.____	_____.____
0132	502.1100 Concrete Masonry Seal	2.000 CY	_____.____	_____.____
0134	502.3200 Protective Surface Treatment	1,856.000 SY	_____.____	_____.____
0136	502.3210 Pigmented Surface Sealer	132.000 SY	_____.____	_____.____
0138	502.4205 Adhesive Anchors No. 5 Bar	274.000 EACH	_____.____	_____.____
0140	502.4206 Adhesive Anchors No. 6 Bar	24.000 EACH	_____.____	_____.____
0142	502.4208 Adhesive Anchors No. 8 Bar	24.000 EACH	_____.____	_____.____
0144	505.0400 Bar Steel Reinforcement HS Structures	29,610.000 LB	_____.____	_____.____
0146	505.0600 Bar Steel Reinforcement HS Coated Structures	114,110.000 LB	_____.____	_____.____
0148	505.0800.S Bar Steel Reinforcement HS Stainless Structures	1,140.000 LB	_____.____	_____.____
0150	506.0105 Structural Steel Carbon	7,860.000 LB	_____.____	_____.____
0152	506.0605 Structural Steel HS	99,610.000 LB	_____.____	_____.____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	506.2605 Bearing Pads Elastomeric Non-Laminated	26.000 EACH	_____._____	_____._____
0156	506.3005 Welded Stud Shear Connectors 7/8x4-Inch	4,524.000 EACH	_____._____	_____._____
0158	506.7050.S Removing Bearings (structure) 01. B-49-67	18.000 EACH	_____._____	_____._____
0160	506.7060.S Bridge Jacking (structure) 01. B-49-67	LS	LUMP SUM	_____._____
0162	511.1200 Temporary Shoring (structure) 01. B-49-67	600.000 SF	_____._____	_____._____
0164	513.8031 Railing Steel Pedestrian Type C6 (structure) 01. B-49-67	292.000 LF	_____._____	_____._____
0166	516.0500 Rubberized Membrane Waterproofing	52.000 SY	_____._____	_____._____
0168	517.0600 Painting Epoxy System (structure) 01. B-49-67	LS	LUMP SUM	_____._____
0170	517.0900.S Preparation and Coating of Top Flanges (structure) 01. B-49-67	LS	LUMP SUM	_____._____
0172	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	2.000 EACH	_____._____	_____._____
0174	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	6.000 EACH	_____._____	_____._____
0176	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	4.000 EACH	_____._____	_____._____
0178	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	1.000 EACH	_____._____	_____._____
0180	550.1100 Piling Steel HP 10-Inch X 42 Lb	630.000 LF	_____._____	_____._____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0182	601.0409 Concrete Curb & Gutter 30-Inch Type A	11,434.000 LF	_____.____	_____.____
0184	601.0411 Concrete Curb & Gutter 30-Inch Type D	4,236.000 LF	_____.____	_____.____
0186	601.0600 Concrete Curb Pedestrian	322.000 LF	_____.____	_____.____
0188	602.0405 Concrete Sidewalk 4-Inch	62,247.000 SF	_____.____	_____.____
0190	602.0415 Concrete Sidewalk 6-Inch	79,791.000 SF	_____.____	_____.____
0192	602.0505 Curb Ramp Detectable Warning Field Yellow	616.000 SF	_____.____	_____.____
0194	603.8000 Concrete Barrier Temporary Precast Delivered	340.000 LF	_____.____	_____.____
0196	603.8125 Concrete Barrier Temporary Precast Installed	680.000 LF	_____.____	_____.____
0198	603.8505 Anchoring Concrete Barrier on Bridge Decks	105.000 LF	_____.____	_____.____
0200	606.0100 Riprap Light	25.000 CY	_____.____	_____.____
0202	606.0200 Riprap Medium	2,198.000 CY	_____.____	_____.____
0204	606.0300 Riprap Heavy	391.000 CY	_____.____	_____.____
0206	608.0260 Storm Sewer Pipe Reinforced Concrete Class II 60-Inch	588.000 LF	_____.____	_____.____
0208	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	5,049.000 LF	_____.____	_____.____
0210	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	1,089.000 LF	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0212	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	1,084.000 LF	_____.____	_____.____
0214	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	3,708.000 LF	_____.____	_____.____
0216	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	127.000 LF	_____.____	_____.____
0218	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	2,224.000 LF	_____.____	_____.____
0220	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	332.000 LF	_____.____	_____.____
0222	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	78.000 LF	_____.____	_____.____
0224	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	270.000 LF	_____.____	_____.____
0226	608.3012 Storm Sewer Pipe Class III-A 12-Inch	35.000 LF	_____.____	_____.____
0228	611.0530 Manhole Covers Type J	66.000 EACH	_____.____	_____.____
0230	611.0612 Inlet Covers Type C	4.000 EACH	_____.____	_____.____
0232	611.0624 Inlet Covers Type H	169.000 EACH	_____.____	_____.____
0234	611.0639 Inlet Covers Type H-S	84.000 EACH	_____.____	_____.____
0236	611.2004 Manholes 4-FT Diameter	19.000 EACH	_____.____	_____.____
0238	611.2005 Manholes 5-FT Diameter	24.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0240	611.2006 Manholes 6-FT Diameter	14.000 EACH	_____.____	_____.____
0242	611.2007 Manholes 7-FT Diameter	5.000 EACH	_____.____	_____.____
0244	611.2008 Manholes 8-FT Diameter	7.000 EACH	_____.____	_____.____
0246	611.3003 Inlets 3-FT Diameter	5.000 EACH	_____.____	_____.____
0248	611.3004 Inlets 4-FT Diameter	33.000 EACH	_____.____	_____.____
0250	611.3230 Inlets 2x3-FT	213.000 EACH	_____.____	_____.____
0252	611.8120.S Cover Plates Temporary	31.000 EACH	_____.____	_____.____
0254	611.9800.S Pipe Grates	5.000 EACH	_____.____	_____.____
0256	612.0406 Pipe Underdrain Wrapped 6-Inch	344.000 LF	_____.____	_____.____
0258	612.0902.S Insulation Board Polystyrene (inch) 01. 2-Inch	1,947.400 SY	_____.____	_____.____
0260	614.0150 Anchor Assemblies for Steel Plate Beam Guard	4.000 EACH	_____.____	_____.____
0262	614.0920 Salvaged Rail	268.000 LF	_____.____	_____.____
0264	614.2500 MGS Thrie Beam Transition	78.800 LF	_____.____	_____.____
0266	614.2610 MGS Guardrail Terminal EAT	2.000 EACH	_____.____	_____.____
0270	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6414-00-80	1.000 EACH	_____.____	_____.____
0272	618.0100 Maintenance And Repair of Haul Roads (project) 02. 6414-00-81	1.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0274	619.1000 Mobilization	1.000 EACH	_____.____	_____.____
0276	620.0300 Concrete Median Sloped Nose	2,121.000 SF	_____.____	_____.____
0278	624.0100 Water	650.000 MGAL	_____.____	_____.____
0280	625.0100 Topsoil	23,230.000 SY	_____.____	_____.____
0282	627.0200 Mulching	23,230.000 SY	_____.____	_____.____
0284	628.1504 Silt Fence	4,486.000 LF	_____.____	_____.____
0286	628.1520 Silt Fence Maintenance	4,486.000 LF	_____.____	_____.____
0288	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.____	_____.____
0290	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.____	_____.____
0292	628.2004 Erosion Mat Class I Type B	5,014.000 SY	_____.____	_____.____
0294	628.2006 Erosion Mat Urban Class I Type A	1,863.000 SY	_____.____	_____.____
0296	628.6005 Turbidity Barriers	2,424.000 SY	_____.____	_____.____
0298	628.7005 Inlet Protection Type A	257.000 EACH	_____.____	_____.____
0300	628.7010 Inlet Protection Type B	1.000 EACH	_____.____	_____.____
0302	628.7015 Inlet Protection Type C	165.000 EACH	_____.____	_____.____
0304	628.7020 Inlet Protection Type D	94.000 EACH	_____.____	_____.____
0306	628.7504 Temporary Ditch Checks	100.000 LF	_____.____	_____.____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0308	628.7555 Culvert Pipe Checks	2.000 EACH	_____.____	_____.____
0310	628.7570 Rock Bags	20.000 EACH	_____.____	_____.____
0312	630.0140 Seeding Mixture No. 40	267.000 LB	_____.____	_____.____
0314	630.0175 Seeding Mixture No. 75	107.000 LB	_____.____	_____.____
0316	630.0200 Seeding Temporary	145.000 LB	_____.____	_____.____
0318	630.0400 Seeding Nurse Crop	120.000 LB	_____.____	_____.____
0320	631.0300 Sod Water	1,021.000 MGAL	_____.____	_____.____
0322	634.0614 Posts Wood 4x6-Inch X 14-FT	81.000 EACH	_____.____	_____.____
0324	634.0616 Posts Wood 4x6-Inch X 16-FT	10.000 EACH	_____.____	_____.____
0326	634.0811 Posts Tubular Steel 2x2-Inch X 11-FT	22.000 EACH	_____.____	_____.____
0328	637.2210 Signs Type II Reflective H	671.580 SF	_____.____	_____.____
0330	637.2215 Signs Type II Reflective H Folding	149.200 SF	_____.____	_____.____
0332	637.2230 Signs Type II Reflective F	217.000 SF	_____.____	_____.____
0334	638.2602 Removing Signs Type II	78.000 EACH	_____.____	_____.____
0336	638.3000 Removing Small Sign Supports	72.000 EACH	_____.____	_____.____
0338	642.5401 Field Office Type D	1.000 EACH	_____.____	_____.____
0340	643.0300 Traffic Control Drums	433,743.000 DAY	_____.____	_____.____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0342	643.0410 Traffic Control Barricades Type II	6,894.000 DAY	_____.____	_____.____
0344	643.0420 Traffic Control Barricades Type III	81,210.000 DAY	_____.____	_____.____
0346	643.0500 Traffic Control Flexible Tubular Marker Posts	840.000 EACH	_____.____	_____.____
0348	643.0600 Traffic Control Flexible Tubular Marker Bases	1,032.000 EACH	_____.____	_____.____
0350	643.0705 Traffic Control Warning Lights Type A	42,156.000 DAY	_____.____	_____.____
0352	643.0715 Traffic Control Warning Lights Type C	36,871.000 DAY	_____.____	_____.____
0354	643.0900 Traffic Control Signs	65,931.000 DAY	_____.____	_____.____
0356	643.1070 Traffic Control Cones 42-Inch	1,406.000 DAY	_____.____	_____.____
0358	643.5000 Traffic Control	1.000 EACH	_____.____	_____.____
0360	644.1410.S Temporary Pedestrian Surface Asphalt	17,905.000 SF	_____.____	_____.____
0362	644.1420.S Temporary Pedestrian Surface Plywood	647.000 SF	_____.____	_____.____
0364	644.1601.S Temporary Curb Ramp	9.000 EACH	_____.____	_____.____
0366	645.0111 Geotextile Type DF Schedule A	106.000 SY	_____.____	_____.____
0368	645.0120 Geotextile Type HR	4,745.000 SY	_____.____	_____.____
0370	645.0130 Geotextile Type R	121.000 SY	_____.____	_____.____
0372	645.0220 Geogrid Type SR	7,800.000 SY	_____.____	_____.____

Proposal ID: 20180508030 Project(s): 6414-00-80, 6414-00-81, 6414-00-84, 6414-00-85

Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0374	646.1020 Marking Line Epoxy 4-Inch	22,805.000 LF	_____.____	_____.____
0376	646.3020 Marking Line Epoxy 8-Inch	4,149.000 LF	_____.____	_____.____
0378	646.5020 Marking Arrow Epoxy	61.000 EACH	_____.____	_____.____
0380	646.5120 Marking Word Epoxy	14.000 EACH	_____.____	_____.____
0382	646.5220 Marking Symbol Epoxy	15.000 EACH	_____.____	_____.____
0384	646.6120 Marking Stop Line Epoxy 18-Inch	359.000 LF	_____.____	_____.____
0386	646.7120 Marking Diagonal Epoxy 12-Inch	292.000 LF	_____.____	_____.____
0388	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	2,278.000 LF	_____.____	_____.____
0390	646.8120 Marking Curb Epoxy	1,480.000 LF	_____.____	_____.____
0392	646.8220 Marking Island Nose Epoxy	42.000 EACH	_____.____	_____.____
0394	649.0105 Temporary Marking Line Paint 4-Inch	86,896.000 LF	_____.____	_____.____
0396	649.0150 Temporary Marking Line Removable Tape 4-Inch	84,531.000 LF	_____.____	_____.____
0398	649.0205 Temporary Marking Line Paint 8-Inch	6,228.000 LF	_____.____	_____.____
0400	649.0250 Temporary Marking Line Removable Tape 8-Inch	11,877.000 LF	_____.____	_____.____
0402	649.0505 Temporary Marking Arrow Paint	73.000 EACH	_____.____	_____.____
0404	649.0550 Temporary Marking Arrow Removable Tape	101.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0406	649.0605 Temporary Marking Word Paint	5.000 EACH	_____._____	_____._____
0408	649.0650 Temporary Marking Word Removable Tape	3.000 EACH	_____._____	_____._____
0410	649.0805 Temporary Marking Stop Line Paint 18-Inch	613.000 LF	_____._____	_____._____
0412	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	1,236.000 LF	_____._____	_____._____
0414	649.0905 Temporary Marking Diagonal Paint 12-Inch	2,414.000 LF	_____._____	_____._____
0416	650.4000 Construction Staking Storm Sewer	324.000 EACH	_____._____	_____._____
0418	650.5000 Construction Staking Base	2,692.000 LF	_____._____	_____._____
0420	650.5500 Construction Staking Curb Gutter and Curb & Gutter	2,970.000 LF	_____._____	_____._____
0422	650.6500 Construction Staking Structure Layout (structure) 01. B-49-67	 LS	 LUMP SUM	 _____._____
0424	650.7000 Construction Staking Concrete Pavement	17,530.000 LF	_____._____	_____._____
0426	650.9000 Construction Staking Curb Ramps	57.000 EACH	_____._____	_____._____
0428	650.9910 Construction Staking Supplemental Control (project) 01. 6414-00-80	 LS	 LUMP SUM	 _____._____
0430	650.9910 Construction Staking Supplemental Control (project) 02. 6414-00-81	 LS	 LUMP SUM	 _____._____
0432	652.0125 Conduit Rigid Metallic 2-Inch	279.000 LF	_____._____	_____._____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0434	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	9,664.000 LF	_____.____	_____.____
0436	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	4,545.000 LF	_____.____	_____.____
0438	652.0310 Conduit Rigid Nonmetallic Schedule 80 1-Inch	137.000 LF	_____.____	_____.____
0440	652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch	446.000 LF	_____.____	_____.____
0442	652.0605 Conduit Special 2-Inch	180.000 LF	_____.____	_____.____
0444	652.0800 Conduit Loop Detector	2,924.000 LF	_____.____	_____.____
0446	653.0164 Pull Boxes Non-Conductive 24x42-Inch	74.000 EACH	_____.____	_____.____
0448	653.0222 Junction Boxes 18x12x6-Inch	2.000 EACH	_____.____	_____.____
0450	653.0905 Removing Pull Boxes	29.000 EACH	_____.____	_____.____
0452	654.0101 Concrete Bases Type 1	21.000 EACH	_____.____	_____.____
0454	654.0102 Concrete Bases Type 2	12.000 EACH	_____.____	_____.____
0456	654.0105 Concrete Bases Type 5	2.000 EACH	_____.____	_____.____
0458	654.0106 Concrete Bases Type 6	49.000 EACH	_____.____	_____.____
0460	654.0110 Concrete Bases Type 10	8.000 EACH	_____.____	_____.____
0462	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0464	654.0230 Concrete Control Cabinet Bases Type L30	2.000 EACH	_____.____	_____.____
0466	655.0230 Cable Traffic Signal 5-14 AWG	4,066.000 LF	_____.____	_____.____
0468	655.0240 Cable Traffic Signal 7-14 AWG	330.000 LF	_____.____	_____.____
0470	655.0250 Cable Traffic Signal 9-14 AWG	3,052.000 LF	_____.____	_____.____
0472	655.0260 Cable Traffic Signal 12-14 AWG	1,880.000 LF	_____.____	_____.____
0474	655.0270 Cable Traffic Signal 15-14 AWG	624.000 LF	_____.____	_____.____
0476	655.0320 Cable Type UF 2-10 AWG Grounded	3,771.000 LF	_____.____	_____.____
0478	655.0515 Electrical Wire Traffic Signals 10 AWG	3,869.000 LF	_____.____	_____.____
0480	655.0610 Electrical Wire Lighting 12 AWG	13,254.000 LF	_____.____	_____.____
0482	655.0615 Electrical Wire Lighting 10 AWG	2,322.000 LF	_____.____	_____.____
0484	655.0625 Electrical Wire Lighting 6 AWG	53,538.000 LF	_____.____	_____.____
0486	655.0700 Loop Detector Lead In Cable	8,711.000 LF	_____.____	_____.____
0488	655.0800 Loop Detector Wire	9,212.000 LF	_____.____	_____.____
0490	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. Tommy's Turnpike	LS	LUMP SUM	_____.____
0492	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. CTH HH	LS	LUMP SUM	_____.____
0494	656.0200 Electrical Service Meter Breaker Pedestal (location) 03. CB 300	LS	LUMP SUM	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0496	656.0200 Electrical Service Meter Breaker Pedestal (location) 04. CB300	LS	LUMP SUM	_____._____
0498	657.0100 Pedestal Bases	21.000 EACH	_____._____	_____._____
0500	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	63.000 EACH	_____._____	_____._____
0502	657.0315 Poles Type 4	12.000 EACH	_____._____	_____._____
0504	657.0322 Poles Type 5-Aluminum	2.000 EACH	_____._____	_____._____
0506	657.0327 Poles Type 6-Aluminum	49.000 EACH	_____._____	_____._____
0508	657.0410 Traffic Signal Standards Aluminum 9-FT	5.000 EACH	_____._____	_____._____
0510	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____._____	_____._____
0512	657.0425 Traffic Signal Standards Aluminum 15-FT	14.000 EACH	_____._____	_____._____
0514	657.0605 Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	94.000 EACH	_____._____	_____._____
0516	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	16.000 EACH	_____._____	_____._____
0518	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	2.000 EACH	_____._____	_____._____
0520	657.1345 Install Poles Type 9	8.000 EACH	_____._____	_____._____
0522	657.1530 Install Monotube Arms 30-FT	8.000 EACH	_____._____	_____._____
0524	658.0173 Traffic Signal Face 3S 12-Inch	30.000 EACH	_____._____	_____._____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0526	658.0174 Traffic Signal Face 4S 12-Inch	18.000 EACH	_____.____	_____.____
0528	658.0416 Pedestrian Signal Face 16-Inch	22.000 EACH	_____.____	_____.____
0530	658.0500 Pedestrian Push Buttons	20.000 EACH	_____.____	_____.____
0532	658.5069 Signal Mounting Hardware (location) 01. Bussiness 51 & Tommy's Turnpike	LS	LUMP SUM	_____.____
0534	658.5069 Signal Mounting Hardware (location) 02. CTH HH	LS	LUMP SUM	_____.____
0536	659.1115 Luminaires Utility LED A	94.000 EACH	_____.____	_____.____
0538	659.1125 Luminaires Utility LED C	18.000 EACH	_____.____	_____.____
0540	659.2130 Lighting Control Cabinets 120/240 30-Inch	2.000 EACH	_____.____	_____.____
0542	661.0200 Temporary Traffic Signals for Intersections (location) 01. Business 51 & Tommy's Turnpike	LS	LUMP SUM	_____.____
0544	661.0200 Temporary Traffic Signals for Intersections (location) 02. CTH HH	LS	LUMP SUM	_____.____
0546	661.0300 Generators	4.000 DAY	_____.____	_____.____
0548	690.0150 Sawing Asphalt	4,947.000 LF	_____.____	_____.____
0550	690.0250 Sawing Concrete	3,448.000 LF	_____.____	_____.____
0552	715.0415 Incentive Strength Concrete Pavement	18,917.000 DOL	1.00000	18,917.00
0554	715.0502 Incentive Strength Concrete Structures	5,238.000 DOL	1.00000	5,238.00

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0556	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	2,100.000 HRS	5.00000	10,500.00
0558	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	4,800.000 HRS	5.00000	24,000.00
0560	SPV.0030 Special 01. Fertilizer for Lawn Type Turf	14.000 CWT	_____.____	_____.____
0562	SPV.0060 Special 01. Salvage Hydrant	3.000 EACH	_____.____	_____.____
0564	SPV.0060 Special 02. Abandoning Water Service	5.000 EACH	_____.____	_____.____
0566	SPV.0060 Special 03. Adjusting Watermain Valve Box	3.000 EACH	_____.____	_____.____
0568	SPV.0060 Special 04. Hydrant	22.000 EACH	_____.____	_____.____
0570	SPV.0060 Special 05. Watermain Gate Valve and Box 6-Inch	22.000 EACH	_____.____	_____.____
0572	SPV.0060 Special 06. Watermain Gate Valve and Box 8-Inch	22.000 EACH	_____.____	_____.____
0574	SPV.0060 Special 07. Watermain Gate Valve and Box 10-Inch	3.000 EACH	_____.____	_____.____
0576	SPV.0060 Special 08. Watermain Gate Valve and Box 12-Inch	21.000 EACH	_____.____	_____.____
0578	SPV.0060 Special 09. Watermain Coupling 12-Inch	4.000 EACH	_____.____	_____.____
0580	SPV.0060 Special 10. Watermain Bend 11-1/4 Degree 8-Inch	5.000 EACH	_____.____	_____.____
0582	SPV.0060 Special 11. Watermain Bend 22-1/2 Degree 8-Inch	7.000 EACH	_____.____	_____.____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0584	SPV.0060 Special 12. Watermain Bend 45 Degree 8-Inch	12.000 EACH	_____.____	_____.____
0586	SPV.0060 Special 13. Watermain Bend 45 Degree 10-Inch	4.000 EACH	_____.____	_____.____
0588	SPV.0060 Special 14. Watermain Bend 11-1/4 Degree 12-Inch	9.000 EACH	_____.____	_____.____
0590	SPV.0060 Special 15. Watermain Bend 22-1/2 Degree 12-Inch	1.000 EACH	_____.____	_____.____
0592	SPV.0060 Special 16. Watermain Bend 45 Degree 12-Inch	15.000 EACH	_____.____	_____.____
0594	SPV.0060 Special 17. Watermain Bend 90 Degree 12-Inch	3.000 EACH	_____.____	_____.____
0596	SPV.0060 Special 18. Watermain Tee 8-Inch X 6-Inch	8.000 EACH	_____.____	_____.____
0598	SPV.0060 Special 19. Watermain Tee 8-Inch	2.000 EACH	_____.____	_____.____
0600	SPV.0060 Special 20. Watermain Tee 10-Inch X 6-Inch	2.000 EACH	_____.____	_____.____
0602	SPV.0060 Special 21. Watermain Tee 12-Inch X 6-Inch	10.000 EACH	_____.____	_____.____
0604	SPV.0060 Special 22. Watermain Tee 12-Inch X 8-Inch	5.000 EACH	_____.____	_____.____
0606	SPV.0060 Special 23. Watermain Tee 12-Inch	3.000 EACH	_____.____	_____.____
0608	SPV.0060 Special 24. Watermain Cross 8 X 10-Inch	1.000 EACH	_____.____	_____.____
0610	SPV.0060 Special 25. Watermain Cross 12-Inch	1.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0612	SPV.0060 Special 26. Watermain Reduver 6 X 8-Inch	9.000 EACH	_____.____	_____.____
0614	SPV.0060 Special 27. Watermain Reducer 6 X 12-Inch	1.000 EACH	_____.____	_____.____
0616	SPV.0060 Special 28. Watermain Reducer 8 X 12-Inch	3.000 EACH	_____.____	_____.____
0618	SPV.0060 Special 29. Watermain Reducer 10 X 12-Inch	1.000 EACH	_____.____	_____.____
0620	SPV.0060 Special 30. Watermain Tapping Sleeve 12-Inch X 6-Inch	1.000 EACH	_____.____	_____.____
0622	SPV.0060 Special 31. Cap Watermain To Remain In Service	1.000 EACH	_____.____	_____.____
0624	SPV.0060 Special 32. Tracer Wire Access Box	24.000 EACH	_____.____	_____.____
0626	SPV.0060 Special 33. Reconditioning Sanitary Manhole	4.000 EACH	_____.____	_____.____
0628	SPV.0060 Special 34. Reconstructing Sanitary Manhole	4.000 EACH	_____.____	_____.____
0630	SPV.0060 Special 35. Sanitary Manhole Casting	25.000 EACH	_____.____	_____.____
0632	SPV.0060 Special 36. Sanitary Manhole	11.000 EACH	_____.____	_____.____
0634	SPV.0060 Special 37. Flow Meter Magnetic	1.000 EACH	_____.____	_____.____
0636	SPV.0060 Special 38. Water Manhole	1.000 EACH	_____.____	_____.____
0638	SPV.0060 Special 39. Water Manhole Casting	1.000 EACH	_____.____	_____.____
0640	SPV.0060 Special 40. Grit Chamber Type C	1.000 EACH	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0642	SPV.0060 Special 41. Inlet Covers Type H-D	2.000 EACH	_____.____	_____.____
0644	SPV.0060 Special 42. Manhole 10-FT Diameter	1.000 EACH	_____.____	_____.____
0646	SPV.0060 Special 43. Inlet 5-FT Diameter	3.000 EACH	_____.____	_____.____
0648	SPV.0060 Special 44. Inlet 6-FT Diameter	3.000 EACH	_____.____	_____.____
0650	SPV.0060 Special 45. Manhole Diversion	1.000 EACH	_____.____	_____.____
0652	SPV.0060 Special 46. Remove and Salvage Lighting Unit	10.000 EACH	_____.____	_____.____
0654	SPV.0060 Special 47. Temporary Connection to Storm Sewer Structure	3.000 EACH	_____.____	_____.____
0656	SPV.0060 Special 48. Connection to Existing Inlet or Manhole	2.000 EACH	_____.____	_____.____
0658	SPV.0060 Special 49. Residential Manhole	6.000 EACH	_____.____	_____.____
0660	SPV.0060 Special 50. Temporary Connection to Existing Storm Sewer Pipe	10.000 EACH	_____.____	_____.____
0662	SPV.0090 Special 01. Abandoning Sanitary Sewer	10.000 LF	_____.____	_____.____
0664	SPV.0090 Special 02. Watermain 6-Inch	739.000 LF	_____.____	_____.____
0666	SPV.0090 Special 03. Watermain 8-Inch	3,849.000 LF	_____.____	_____.____
0668	SPV.0090 Special 04. Watermain 10-Inch	757.000 LF	_____.____	_____.____
0670	SPV.0090 Special 05. Watermain 12-Inch	3,134.000 LF	_____.____	_____.____
0672	SPV.0090 Special 06. Water Service 1-Inch	4,178.000 LF	_____.____	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0674	SPV.0090 Special 07. Water Service 2-Inch	240.000 LF	_____.____	_____.____
0676	SPV.0090 Special 08. Sanitary Sewer 8-Inch	2,397.000 LF	_____.____	_____.____
0678	SPV.0090 Special 09. Sanitary Sewer 10-Inch	60.000 LF	_____.____	_____.____
0680	SPV.0090 Special 10. Sanitary Sewer 12-Inch	624.000 LF	_____.____	_____.____
0682	SPV.0090 Special 11. Sanitary Lateral 4-Inch	477.000 LF	_____.____	_____.____
0684	SPV.0090 Special 12. Sanitary Sewer Televising	3,081.000 LF	_____.____	_____.____
0686	SPV.0090 Special 13. Class B Bedding	150.000 LF	_____.____	_____.____
0688	SPV.0090 Special 14. Concrete Curb and Gutter Intergral 30-Inch Type A	13,068.000 LF	_____.____	_____.____
0690	SPV.0090 Special 15. Concrete Curb and Gutter 20-Inch Type A	7,657.000 LF	_____.____	_____.____
0692	SPV.0090 Special 16. Salvage and Reinstall Fence	665.000 LF	_____.____	_____.____
0694	SPV.0090 Special 17. Concrete Curb and Gutter Cure & Seal Treatment	36,395.000 LF	_____.____	_____.____
0696	SPV.0105 Special 01. Temporary Water Service Project 6414-00-84	LS	LUMP SUM	_____.____
0698	SPV.0105 Special 02. Construction Staking Infiltration Basin	LS	LUMP SUM	_____.____
0700	SPV.0105 Special 03. Remove and Salvage Traffic Signals Business 51 & Tommy's Turnpike	LS	LUMP SUM	_____.____
0702	SPV.0105 Special 04. Remove and Salvage Traffic Signals Business 51 & CTH HH	LS	LUMP SUM	_____.____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0704	SPV.0105 Special 05. Transport Dept. Furnished Traffic Signal Monotube Materials Tommy's Turnpike	LS	LUMP SUM	_____._____
0706	SPV.0105 Special 06. Transport Dept. Furnished Traffic Signal Monotube Materials CTH HH	LS	LUMP SUM	_____._____
0708	SPV.0105 Special 07. Temporary Vehicle Detection Business 51 &Tommy's Turnpike	LS	LUMP SUM	_____._____
0710	SPV.0105 Special 08. Temporary Vehicle Detection Business 51 & CTH HH	LS	LUMP SUM	_____._____
0712	SPV.0105 Special 11. Temporary Water Service Project 6414-00-85	LS	LUMP SUM	_____._____
0714	SPV.0165 Special 01. Stamped Concrete 4-Inch	4,439.000 SF	_____._____	_____._____
0716	SPV.0165 Special 02. Concrete Cure & Seal Treatment	212,620.000 SF	_____._____	_____._____
0718	SPV.0180 Special 01. Preparing Topsoil for Lawn Type Turf	23,115.000 SY	_____._____	_____._____
0720	SPV.0180 Special 02. Infiltration Basin Soil Mix	6,538.000 SY	_____._____	_____._____
0722	SPV.0200 Special 01. Sanitary Drop Manhole	88.600 VF	_____._____	_____._____
0724	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 01. 263+49	LS	LUMP SUM	_____._____
0726	310.0115 Base Aggregate Open-Graded	730.000 CY	_____._____	_____._____
0728	650.4500 Construction Staking Subgrade	18,907.000 LF	_____._____	_____._____
0730	650.8500 Construction Staking Electrical Installations (project) 01. 6414-00-80	LS	LUMP SUM	_____._____

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Federal ID(s): WISC 2018265, WISC 2018266, N/A, N/A

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0732	650.8500 Construction Staking Electrical Installations (project) 02. 6414-00-81	LS	LUMP SUM	_____._____
0734	650.9920 Construction Staking Slope Stakes	18,907.000 LF	_____._____	_____._____
0736	SPV.0060 Special 51. Fish Habitat Structure Trees	5.000 EACH	_____._____	_____._____
	Section: 0001		Total:	_____._____

Total Bid: _____._____