CITY OF STOUGHTON
DEPARTMENT OF
PLANNING & DEVELOPMENT
207 S. Forrest Street, Stoughton, WI. 53589

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RODNEY J. SCHEEL
DIRECTOR

Date: October 5, 2020

To: Finance Committee

From: Rodney J. Scheel
Director of Planning & Development

Subject: Finance Committee Agenda Item – 2nd Revision to Agreement with State DOT for USH 51 Roundabouts at Hoel/Silverado, STH 138 and Roby Road

The design work for the roundabouts is about 90% complete. An updated agreement has been prepared by the DOT to reflect the revised quantities and plans and City's costs.

Here is a summary of the additional costs in the revised Agreement:

Roundabouts at STH 138 West and Hoel/Silverado

• Extend sidewalks to McComb Road	+$ 2,046
• Additional Coloring to Concrete	+$ 4,490
• Utility Adjustments	+$ 1,435
	+$,7,971

Roundabout at Roby Road

• Adding 5 feet to width of sidewalk to function Similar to 10 foot shared-use path	+$30,223
• Additional Coloring to Concrete	+$ 2,371
• Utility Adjustments	-$ 2,965
	+$29,629
Total Increase	$37,600

A resolution and Revised Agreement is included for your consideration

If you have any questions, please contact me.

City of Stoughton, 207 S. Forrest Street, Stoughton WI 53589

RESOLUTION OF THE COMMON COUNCIL			
Approving a **REVISED** financial agreement between the State of Wisconsin and the City of Stoughton for costs for the construction of roundabouts on US Highway 51 at Hoel/Silverado, STH 138 and Roby Road scheduled to be constructed in 2022.			
Committee Action:	Finance Committee		
Fiscal Impact:	$37,600 Additional (Total $83,100)		
File Number:	R--2020	**Date Introduced**	October 27, 2020

WHEREAS, the Wisconsin Department of Transportation (DOT) is scheduled to construct roundabouts on US Highway 51 at the intersections of Hoel/Silverado, STH 138, and Roby Road, in 2022 (the "Project"); and

WHEREAS, the City has previously provided input on certain design elements as part of R-101-2017 that will be funded by the City; and

WHEREAS, a financial agreement has been prepared for the City's contribution to the project; and

WHEREAS, the estimated cost of the additional City contribution for this project is $37,600; and

WHEREAS, the estimated revised total cost of the City contribution for this project is $83,100; and

BE IT RESOLVED by the Common Council of the City of Stoughton that the 2nd RevisionState/Municipal Financial Agreement For A State –Let Highway Project (USH 51), is hereby approved, Mayor Swadley is authorized and directed to execute the Agreement on behalf of the City, and the City Finance Director is authorized to pay the Wisconsin Department of Transportation pursuant to such Agreement.

Council Action: ☐ **Adopted** ☐ **Failed** **Vote** _____

Mayoral Action: ☐ **Accept** ☐ **Veto**

_____

Tim Swadley, Mayor Date

Council Action: _____ ☐ **Override** **Vote** _____

	2nd Revision **STATE / MUNICIPAL FINANCIAL AGREEMENT FOR A STATE- LET HIGHWAY PROJECT** *This agreement supersedes the agreement signed by the Municipality on December 11, 2019 and signed by the State on January 9, 2020.*	Revised Date: March 16, 2020 Date: March 26, 2019 I.D.:5845-01-06/22/44/76, 5845-01-08/23/78 Road Name: USH 51 Title: Stoughton - Madison Limits: STH 138 To Silverado Dr/ Hoel Ave and Roby Road Intersection County: Dane Roadway Length: 0.20 mi/ 0.36 mi

The signatory **City of Stoughton**, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and affect the highway or street improvement hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 86.25(1), (2), and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility – Both locations are experiencing significant traffic growth as the City of Stoughton expands to the west. Traffic volumes have increased and are projected to continue increasing to a level that causes the intersections of USH 51 and STH 138, USH 51 and Hoel Avenue/Silverado Drive, and USH 51 and Roby Road to experience poor level of service and increase crash occurrence. The existing intersections are not sufficient to accommodate this growth. A temporary traffic signal was installed at USH 51 and STH 138 in 2016 to improve operations at that intersection until the ultimate improvement could be constructed. The improvement will also eliminate the skew at the USH 51 and STH 138 Intersection.

Proposed Improvement – The three intersections of USH 51and STH 138, USH 51 and Silverado/Hoel Avenue, and USH 51 and Roby Road will be reconstructed as roundabouts.

The typical section through the roundabout has a 12-foot concrete truck apron, either one 20' driving lane or an inside 12-foot driving lane and a 20-foot outside driving lane, 18-inch curb and gutter between the central island and truck apron, 36-inch mountable curb and gutter between the truck apron and driving lanes and 30-inch curb and gutter on the outside of the driving lanes, a 5-foot terrace and a 10-foot multi-use path.

The typical section for the roundabout approaches has a variable median width, a 12-foot inside driving lane with a 12-foot typical (variable) outside driving lane, 30-inch curb and gutter, a 5-foot terrace and a 10-foot multi-use path. North of the STH 138 roundabout some areas have a 5-foot asphalt outside shoulder with a 5-foot base aggregate dense shoulder and an inside shoulder of 3-foot and a 3-foot asphalt inside shoulder with a 3-foot base aggregate dense shoulder.

Describe non-participating work included in the project and other work necessary to finish the project completely which will be undertaken independently by the municipality: Installing and adjusting water and sanitary sewer systems including manhole and valve adjustments, and colored concrete.

TABLE 1: SUMMARY OF COSTS - STH 138 to Silverado Dr/ Hoel Ave (5845-01-06/ 22/ 44/ 76)

Phase	Total Est. Cost	Federal/State Funds	%	Municipal Funds	%
Preliminary Engineering: 5845-01-06					
Plan Development	$ 457,590	$ 457,590	100%	$ -	
Real Estate Acquisition:					
Acquisition: 5845-01-22	$ 120,000	$ 120,000	100%		
Compensable Utilities: 5845-01-44	$ 37,000	$ 37,000	100%	$ -	
[1]Construction: 5845-01-76					
Roadway	$ 5,311,000	$ 5,311,000	100%	$ -	
Non-Participating Municipal Items				$ -	
° Coloring Concrete	$ 21,800			$ 21,800	100%
° Utility Adjustments	$ 5,000			$ 5,000	100%
° Additional Sidewalk - McComb Rd	$ 1,600			$ 1,600	100%
Total Cost Distribution	**$ 5,953,990**	**$ 5,925,590**		**$ 28,400**	

TABLE 2: SUMMARY OF COSTS - Roby Road (5845-01-08/ 23/ 78)

Phase	Total Est. Cost	Federal/State Funds	%	Municipal Funds	%
Preliminary Engineering: 5845-01-08					
Plan Development	$ 250,000	$ 250,000	100%	$ -	
Real Estate Acquisition:					
Acquisition: 5845-01-23	$ 383,100	$ 383,100	100%		
Compensable Utilities	$ -			$ -	
[1]Construction: 5845-01-78					
Roadway	$ 1,895,800	$ 1,895,800	100%	$ -	
Non-Participating Municipal Items				$ -	
° Coloring Concrete	$ 14,500			$ 14,500	100%
° Utility Adjustments	$ 5,400			$ 5,400	100%
° Additional 5-Ft Width of Sidewalk	$ 27,800			$ 27,800	100%
Total Cost Distribution	**$ 2,576,600**	**$ 2,528,900**		**$ 47,700**	

This request shall constitute agreement between the Municipality and the State; is subject to the terms and conditions that follow (pages 3 – 5); is made by the undersigned under proper authority to make such request for the designated Municipality, upon signature by the State, upon fully executed signature of applicable State Municipal Maintenance Agreement and delivery to the Municipality. The initiation and accomplishment of the improvement will be subject to the applicable federal and state regulations. No term or provision of neither the State/Municipal Financial Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Financial Agreement.

Signed for and in behalf of the **City of Stoughton** (please sign in blue ink) Name (print)	Title
Signature	Date
Signed for and in behalf of the **State** (please sign in blue ink) Name **Stephen Flottmeyer**	Title **WisDOT Southwest Region Planning Chief**
Signature	Date

TERMS AND CONDITIONS:

1. The Municipality shall pay to the State all costs incurred by the State in connection with the improvement which exceeds federal/state financing commitments or are ineligible for federal/state financing. Local participation shall be limited to the items and percentages set forth in the Summary of Costs table, which shows Municipal funding participation. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from General Transportation Aids or any moneys otherwise due and payable by the State to the Municipality.

2. Funding of each project phase is subject to inclusion in an approved program and per the State's Facility Development Manual (FDM) standards. Federal aid and/or state transportation fund financing will be limited to participation in the costs of the following items as specified in the Summary of Costs:

   (a) Design engineering and state review services.

   (b) Real Estate necessitated for the improvement.

   (c) Compensable utility adjustment and railroad force work necessitated for the project.

   (d) The grading, base, pavement, curb and gutter, and structure costs to State standards, excluding the cost of parking areas.

   (e) Storm sewer mains, culverts, laterals, manholes, inlets, catch basins, and connections for surface water drainage of the improvement; including replacement and/or adjustments of existing storm sewer manhole covers and inlet grates as needed.

   (f) Construction engineering incidental to inspection and supervision of actual construction work, except for inspection, staking, and testing of sanitary sewer and water main.

   (g) Signing and pavement marking necessitated for the safe and efficient flow of traffic, including detour routes.

   (h) Replacement of existing sidewalks necessitated by construction and construction of new sidewalk at the roundabout at the time of construction.

(i) Replacement of existing driveways, in kind, necessitated by the project.

(j) New installations or alteration resulting from roadway construction of standard State street lighting and traffic signals or devices. Alteration may include salvaging and replacement of existing components.

3. Work necessary to complete the improvement to be financed entirely by the Municipality or other utility or facility owner includes the following items:

   (a) New installations of or alteration of sanitary sewers and connections, water, gas, electric, telephone, telegraph, fire or police alarm facilities, parking meters, and similar utilities.

   (b) New installation or alteration of signs not necessary for the safe and efficient flow of traffic.

   (c) Roadway and bridge width in excess of standards.

   (d) Construction inspection, staking, and material testing and acceptance for construction of sanitary sewer and water main.

   (e) Provide complete plans, specifications, and estimates for sanitary sewer and water main work. The Municipality assumes full responsibility for the design, installation, inspection, testing, and operation of the sanitary sewer and water system. This relieves the State and all of its employees from the liability for all suits, actions, or claims resulting from the sanitary sewer and water system construction.

   (f) Parking lane costs.

   (g) Coordinate, clean up, and fund any hazardous materials encountered for city utility construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.

4. As the work progresses, the Municipality will be billed for work completed which is not chargeable to federal/state funds. Upon completion of the project, a final audit will be made to determine the final division of costs.

5. If the Municipality should withdraw the project, it shall reimburse the State for any costs incurred by the State in behalf of the project.

6. The work will be administered by the State and may include items not eligible for federal/state participation.

7. The Municipality shall, in cooperation with the State, assist with public relations for the project and announcements to the press and such outlets as would generally alert the affected property owners and the community of the nature, extent, and timing of the project and arrangements for handling traffic within and around the project.

8. Basis for local participation:

   (a) Design Engineering (5845-01-06/08)

   All design engineering costs necessitated by the street or road construction are 100% eligible for Federal/State funding. Standard street lighting design is a participating item. Any design costs associated with non-participating construction items are the responsibility of the Municipality. The costs of designing a lighting system that consists of decorative street lights and other enhancement items are the responsibility of the Municipality.

   (b) Real Estate Acquisition (5845-01-22/23)

   All real estate acquisitions necessitated by the roadway improvement are 100% eligible for Federal/State funding. Costs not eligible include real estate purchased for parking and excess remnants not associated with the roadway project.

(c) Roadway Construction (5845-01-76/78)

i. The Municipality shall pay 100% of the cost of installing or adjusting water and sanitary sewer systems including manhole and valve adjustments. These costs are not eligible for Federal/State funding.

ii. The Municipality has elected to color the concrete "porkchop" islands within the project. The Municipality will be 100% responsible for the coloring costs.

iii. The Municipality has elected to increase the width of the Shared Use Path by five additional feet. The Municipality will be 100% responsible for the additional concrete and base course required to construct the additional 5-foot width at Roby Road.

iv. The Municipality has elected to extend the sidewalk to cross McComb Road. The Municipality will be 100% responsible for the additional concrete and base course required to construct the sidewalk at McComb Road.

Comments and Clarification: This agreement is an active agreement that may need to be amended as the project is designed. It is understood that these amendments may be needed as some issues have not been fully evaluated or resolved. The purpose of this agreement is to specify the local and state involvement in funding the project. A signed agreement is required before the State will prepare or participate in the preparation of detailed designs, acquire right-of-way, or participate in construction of a project that merits local involvement.

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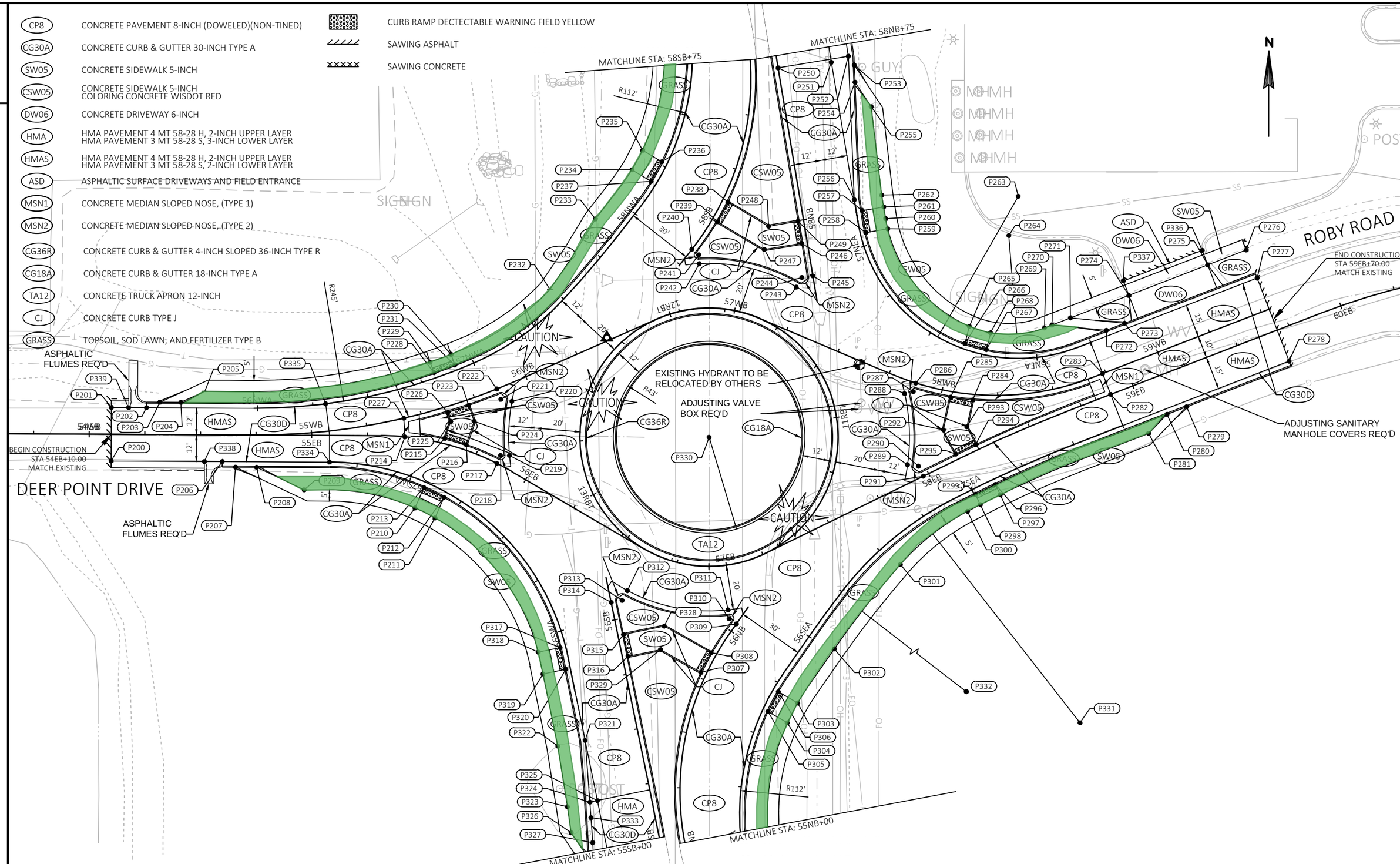
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED)(NON-TINED)
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
SW05	CONCRETE SIDEWALK 5-INCH
CSW05	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED
DW06	CONCRETE DRIVEWAY 6-INCH
HMA	HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER HMA PAVEMENT 3 MT 58-28 S, 3-INCH LOWER LAYER
HMAS	HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER HMA PAVEMENT 3 MT 58-28 S, 2-INCH LOWER LAYER
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCE
MSN1	CONCRETE MEDIAN SLOPED NOSE, (TYPE 1)
MSN2	CONCRETE MEDIAN SLOPED NOSE, (TYPE 2)
CG36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
TA12	CONCRETE TRUCK APRON 12-INCH
CJ	CONCRETE CURB TYPE J
GRASS	TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B

CURB RAMP DECTECTABLE WARNING FIELD YELLOW

SAWING ASPHALT

SAWING CONCRETE



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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET	E

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PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT