

PROJECT ID: 5270-01-60

COUNTY: COLUMBIA

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION 5270-01-30

A.A.D.T.	2021	=	4140
A.A.D.T.	2041	=	5150
D.H.V.		=	20.7
D.D.		=	60/40
T.		=	24.6%
DESIGN SPEED		=	55 MPH
ESALS		=	2,200,000

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SAUK CITY - ARLINGTON

WISC R OVERFLOW BRIDGE TO RIDDLE ROAD

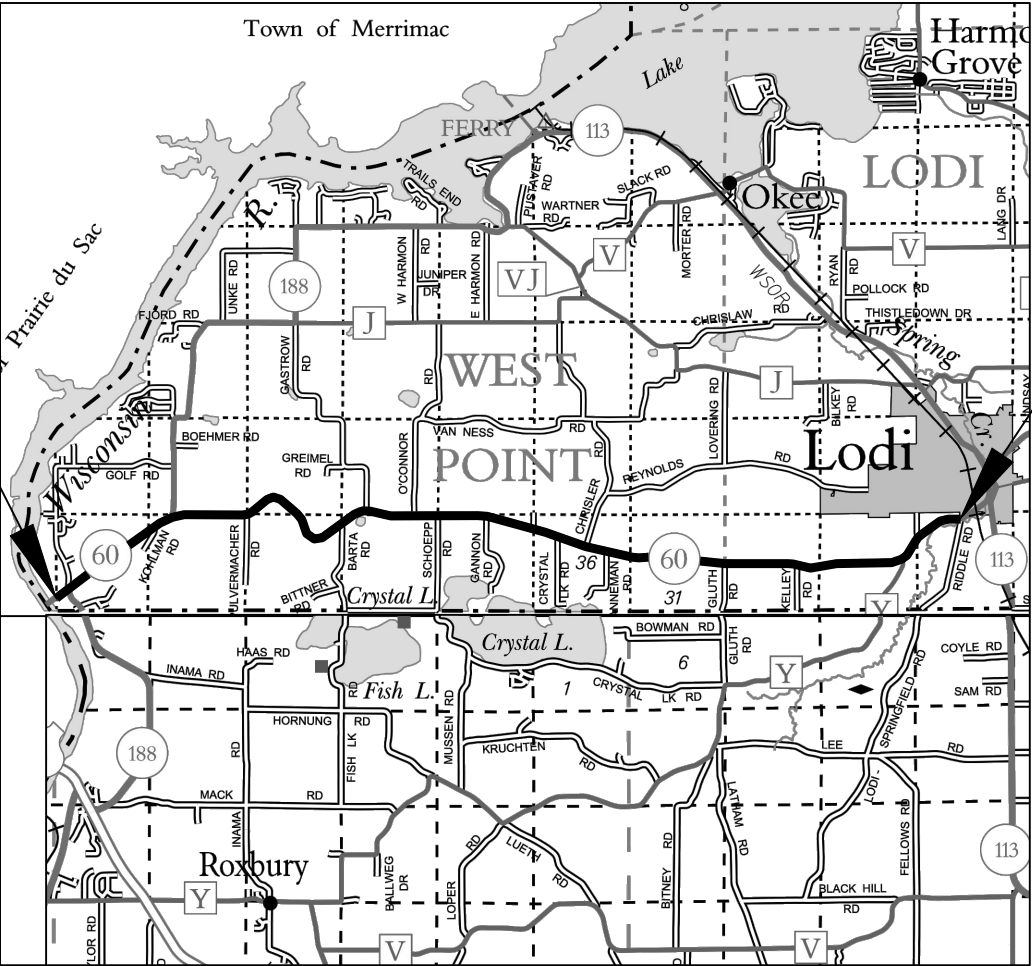
STH 60  
COLUMBIA COUNTY

STATE PROJECT NUMBER
5270-01-60

APPROVED FOR  
UTILITY  
ADJUSTMENTS -  
FEBRUARY 12, 2020

BEGIN PROJECT  
STA 62+93

END PROJECT  
STA 607+30



LAYOUT  
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 10.47 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, COLUMBIA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCE MAY BE USED AS GROUND DISTANCES. ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO NAVD 88 (2012).

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SURVEYOR
Designer	LORRAINE BETZEL
Project Manager	CHRIS HAZARD
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	KURT JOHNSON

APPROVED FOR THE DEPARTMENT  
DATE: (Signature)

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GENERAL NOTES:

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER IN THE FIELD.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING, OR PARKING LANE.

THE 2" TYPE 4 MT 58-28 S HMA PAVEMENT IS TO BE PLACED USING ONE 2" LIFT. APPLY TACK COAT BETWEEN LAYERS OF PAVEMENT AND TO MILLED SURFACES. THE APPLICATION RATE IS 0.07 GALLONS PER SQUARE YARD BETWEEN THE MILLED SURFACE, 0.05 GALLONS PER SQUARE YARD BETWEEN NEW HMA PAVEMENT LAYERS, OR AS DIRECTED BY THE ENGINEER.

HMA PAVEMENT IS TO BE PLACED ON THE SAME DAY OF MILLING TO MINIMIZE DAMAGE TO THE REMAINING PAVEMENT.

PAVING LIMITS AT INTERSECTIONS AND AT THE PROJECT BEGINNING AND END ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

SAWCUTS, AS SHOWN ON THE PLANS, ARE SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS.

THE LOCATION OF STOP LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

EXACT EROSION CONTROL DEVICE LOCATIONS WILL BE DETERMINED BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS AS DETERMINED BY THE ENGINEER.

HAND MILLING OPERATIONS MAY BE NECESSARY TO ENSURE THAT SURVEY MONUMENTS ARE NOT DISTURBED DURING MILLING OPERATIONS. PAYMENT IS INCLUDED AS PART OF REMOVING ASPHALTIC SURFACE MILLING.

UTILITY CONTACTS

ELECTRICITY - TRANSMISSION

ATC MANAGEMENT, INC.  
MIKE OLSEN  
801 O'KEEFE RD  
P.O. BOX 6113  
DE PERE, WI 54115-6113  
PHONE: (920) 338-6582  
EMAIL: molsen@atcllc.com

ELECTRICITY

ALLIANT ENERGY  
MICHAEL BROLIN  
4902 NORTH BILTMORE LN  
MADISON, WI 53713  
PHONE: (608) 458-4871  
EMAIL: michaelbrolin@alliantenergy.com

COMMUNICATIONS

CHARTER COMMUNICATIONS  
LUKAS LA CROSSE  
2701 DANIELS ST.  
MADISON, WI 53718  
PHONE: (608) 709-1562  
EMAIL: lukas.lacrosse@charter.com

WATER

CITY OF LODI  
KENNAN BUHR  
130 SOUTH MAIN ST.  
LODI, WI 53555  
PHONE: (608) 592-3246  
EMAIL: kbuhr@cityoflodi.us

COMMUNICATIONS

FRONTIER COMMUNICATIONS OF WI LLC  
RUSS RYAN  
107 PLEASANTVIEW DR.  
PLYMOUTH, WI 53073  
PHONE: (920) 583-3275  
EMAIL: russel.w.ryan@ftr.com

GAS/PETROLEUM

MADISON GAS AND ELECTRIC COMPANY  
JANE ROSSING  
P.O. BOX 1231  
MADISON, WI 53701-1231  
PHONE: (608) 252-7099  
EMAIL: workplans@mge.com

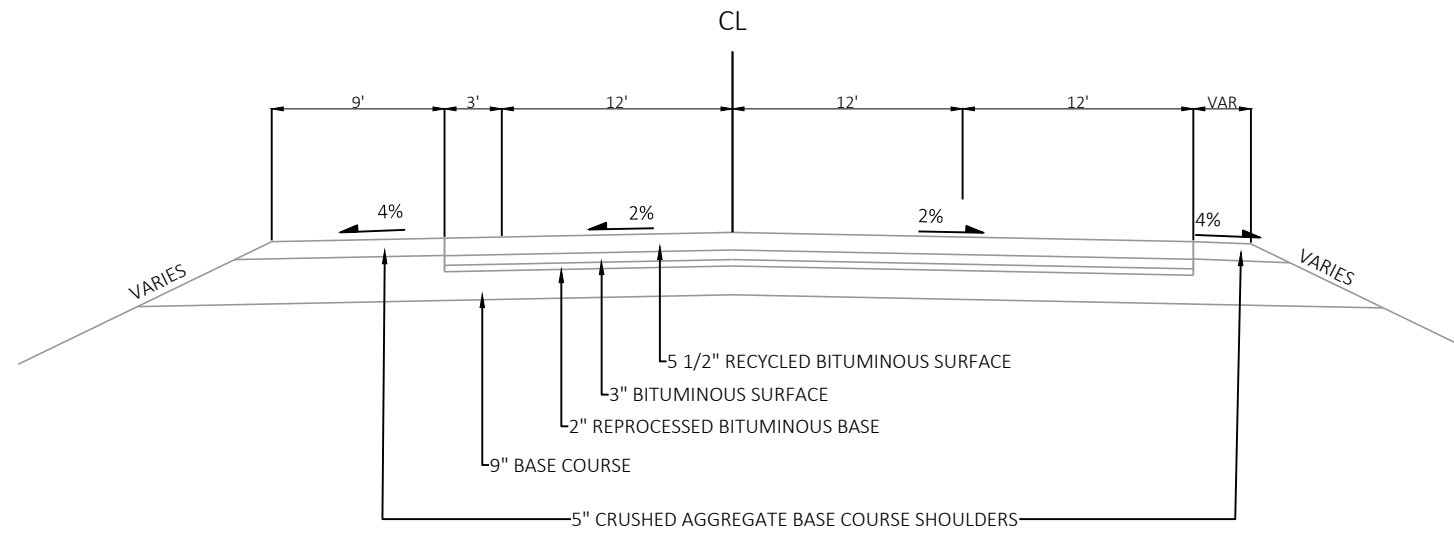
COMMUNICATIONS

SPRINT COMMUNICATIONS CO LP  
JASON JARVIS  
7459 W 79TH ST.  
BRIDGEVIEW, IL 60455  
PHONE: (219) 433-4091  
EMAIL: jason.m.jarvis@sprint.com



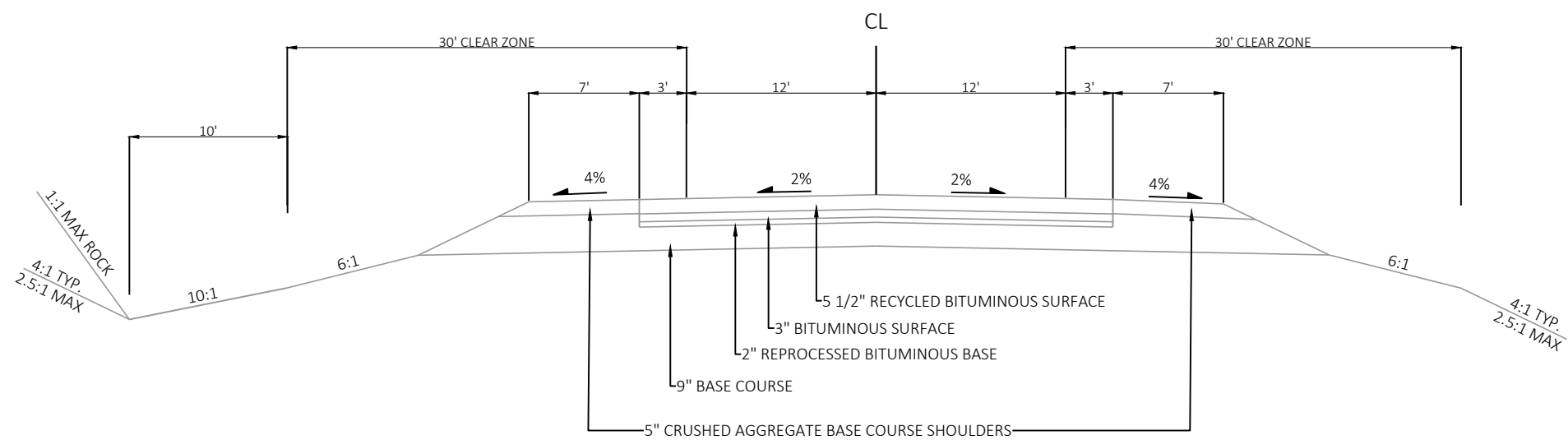
Dial 811 or (800)242-8511  
www.DiggersHotline.com





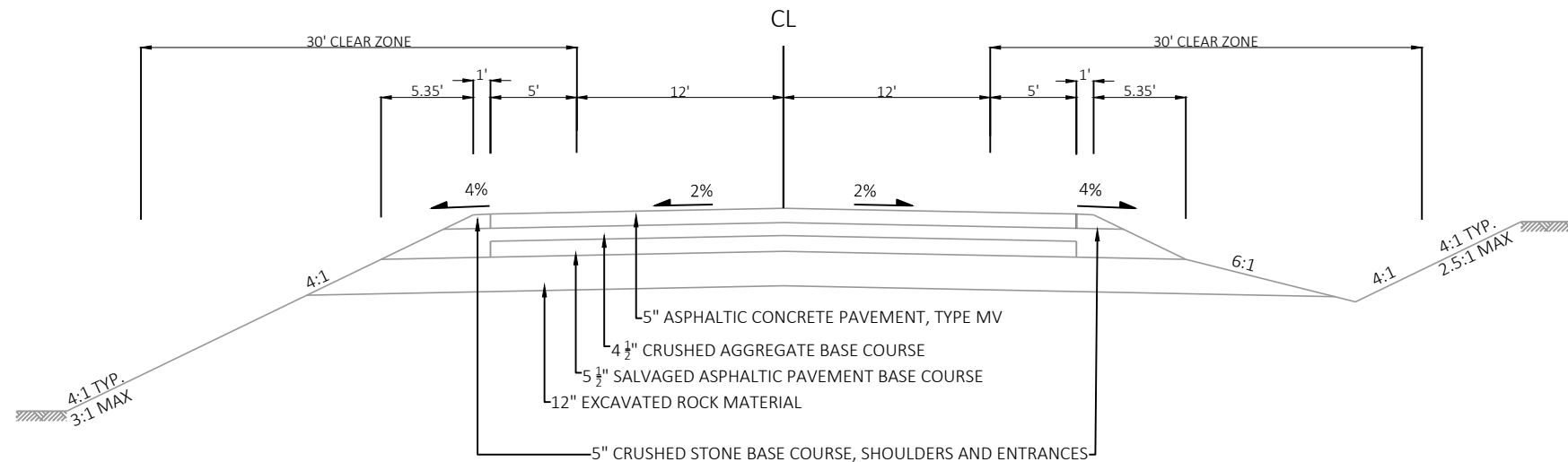
EXISTING TYPICAL SECTION

STA. 62+93 - 71+30



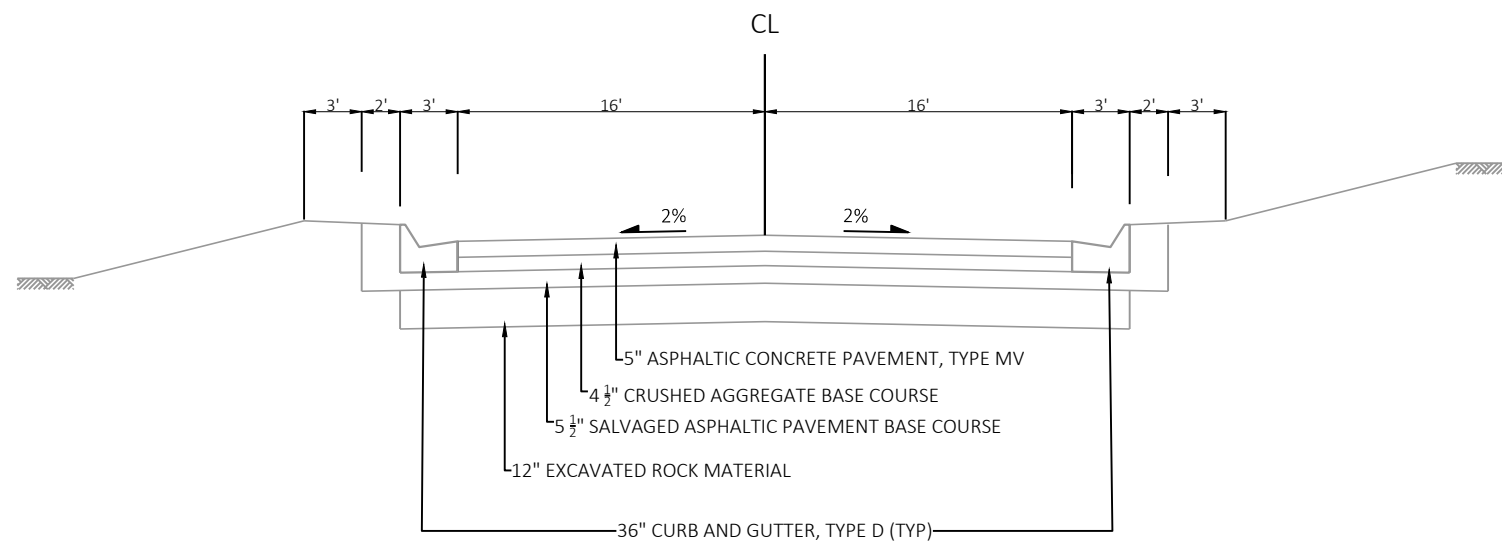
EXISTING TYPICAL SECTION

STA. 71+30 - 140+85



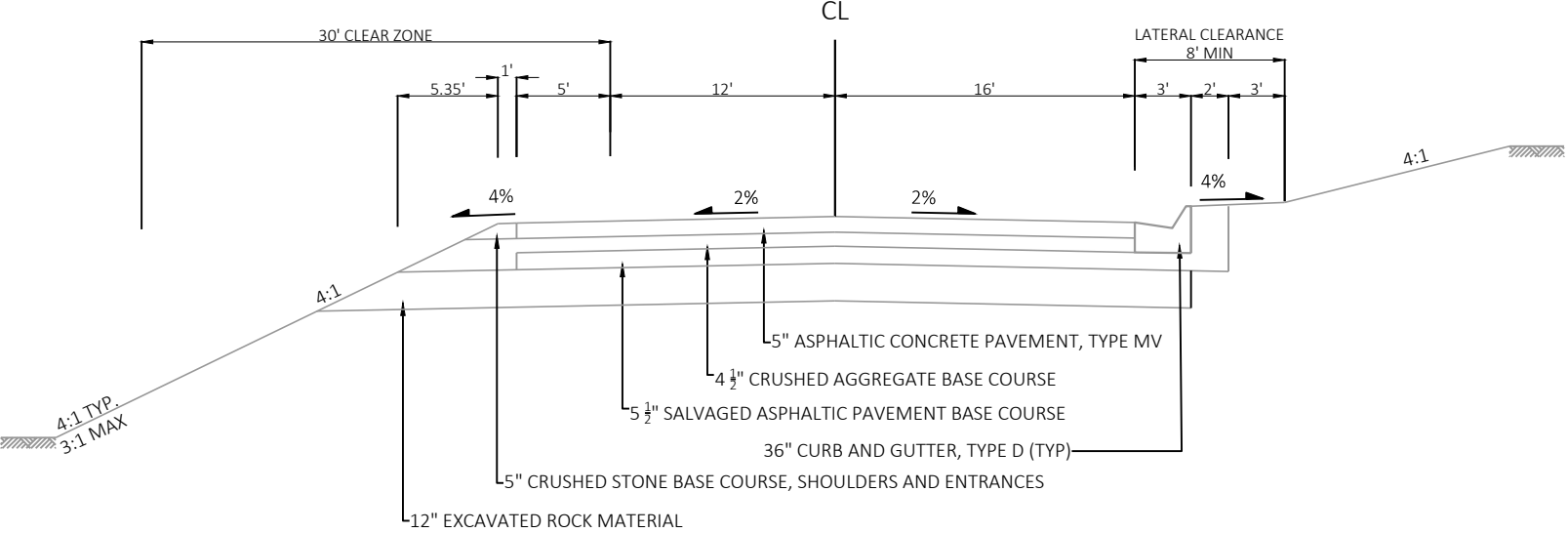
EXISTING TYPICAL SECTION

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STA. 218+00 - 278+00  
STA. 281+00 - 329+00  
STA. 332+00 - 390+00  
STA. 393+00 - 417+00  
STA. 424+00 - 509+00  
STA. 527+00 - 597+00

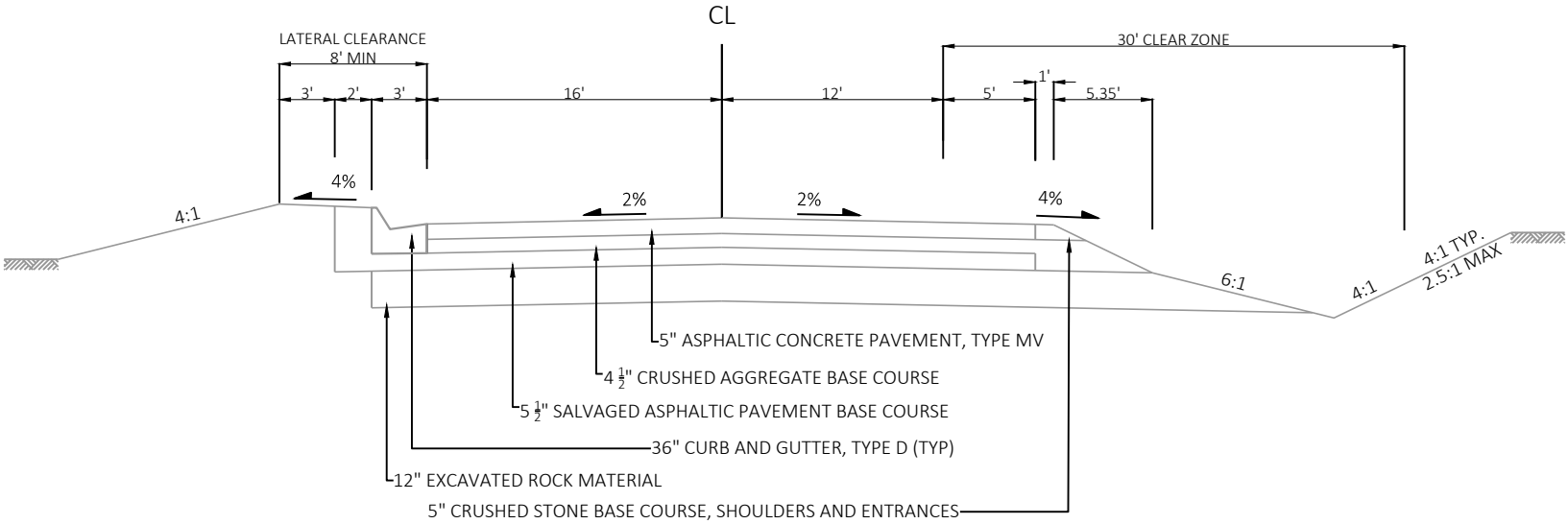


EXISTING TYPICAL SECTION

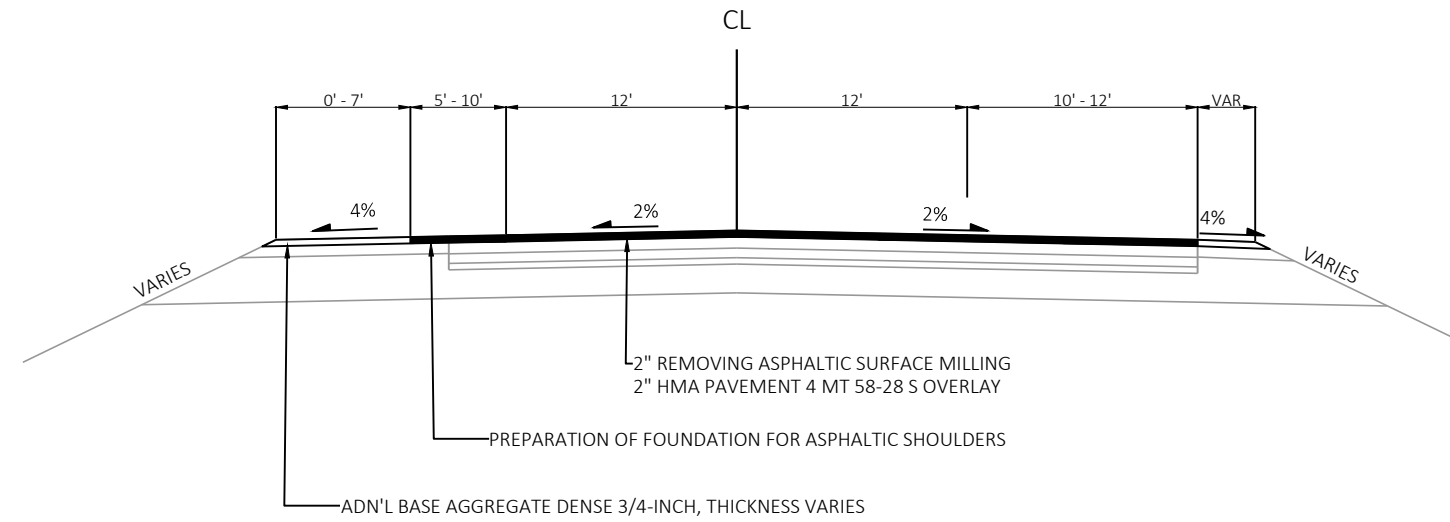
STA. 597+00 - 607+30



EXISTING TYPICAL SECTION  
STA. 213+00 - 218+00

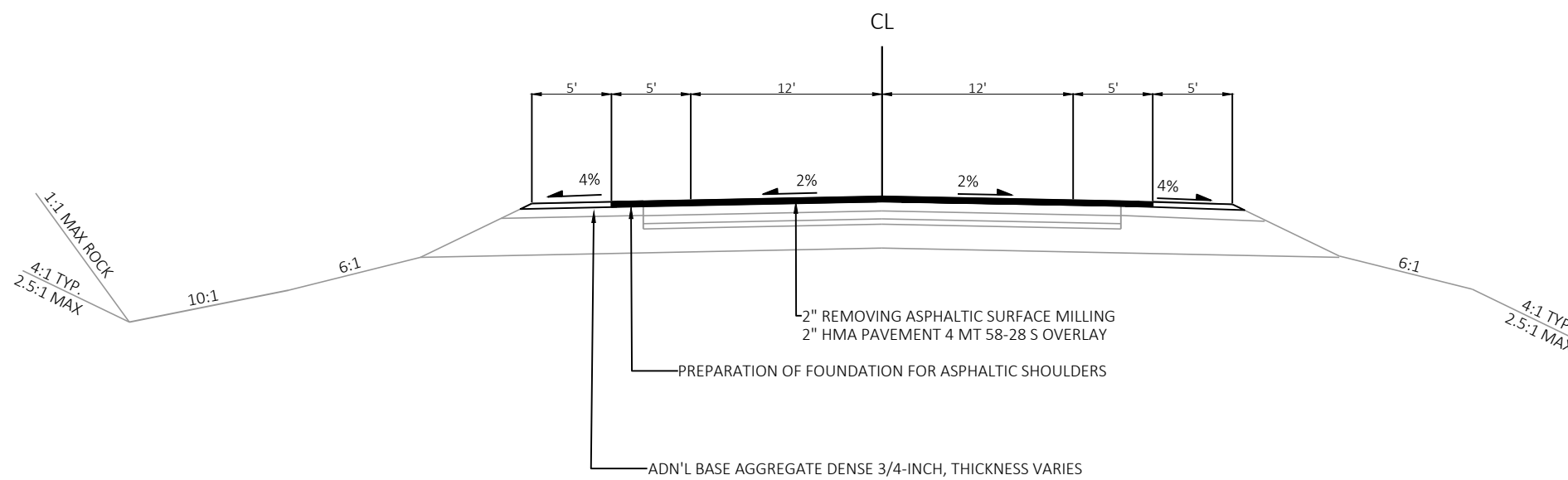


EXISTING TYPICAL SECTION  
STA. 278+00 - 281+00  
STA. 329+00 - 332+00  
STA. 390+00 - 393+00  
STA. 415+00 - 424+00  
STA. 509+00 - 527+00



PROPOSED TYPICAL SECTION

STA. 62+93 - 71+30



PROPOSED TYPICAL SECTION

STA. 71+30 - 140+85

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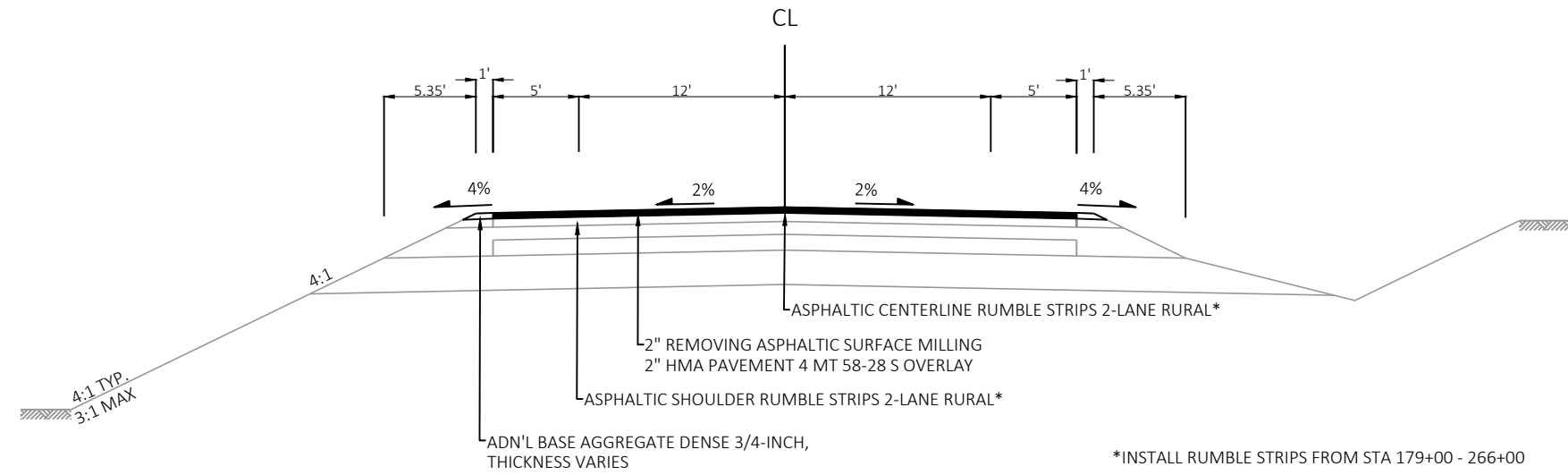
HWY: STH 60

COUNTY: COLUMBIA

PLAN: PROPOSED TYPICAL SECTIONS

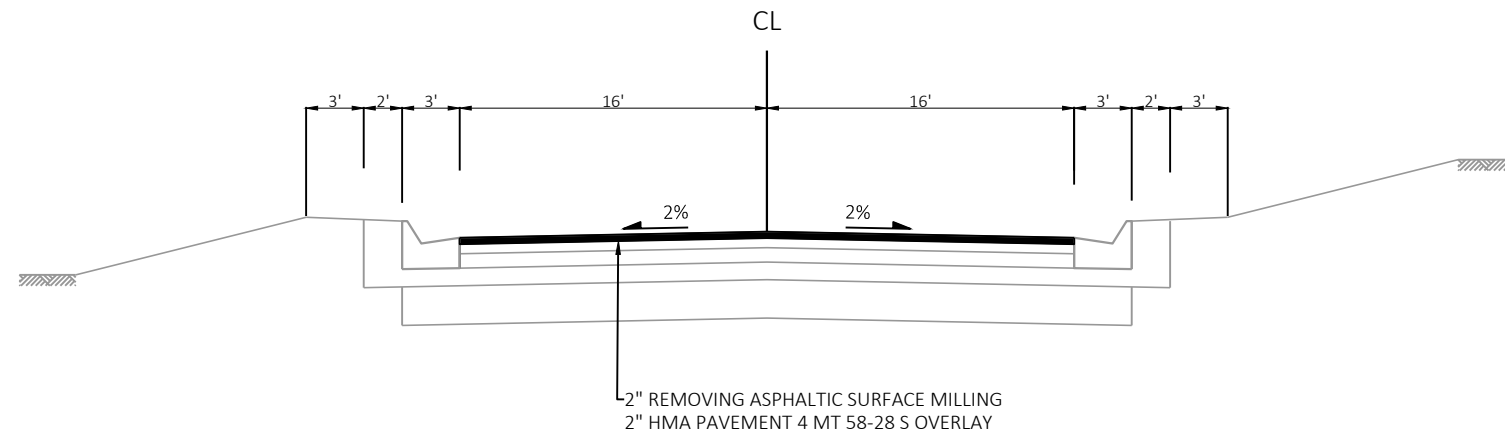
SHEET

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PROPOSED TYPICAL SECTION

STA. 140+85 - 213+00  
STA. 218+00 - 278+00  
STA. 281+00 - 329+00  
STA. 332+00 - 390+00  
STA. 393+00 - 417+00  
STA. 424+00 - 509+00  
STA. 527+00 - 597+00



PROPOSED TYPICAL SECTION

STA. 597+00 - 607+30

PROJECT NO: 5270-01-60

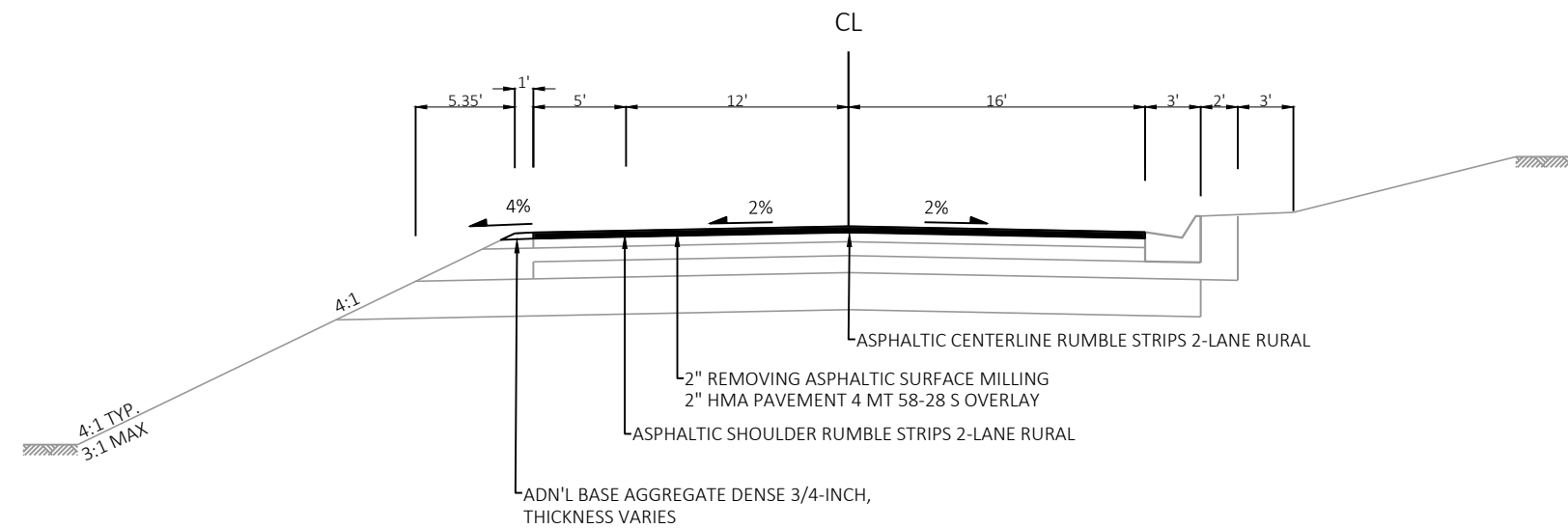
HWY: STH 60

COUNTY: COLUMBIA

PLAN: TYPICAL PROPOSED SECTIONS

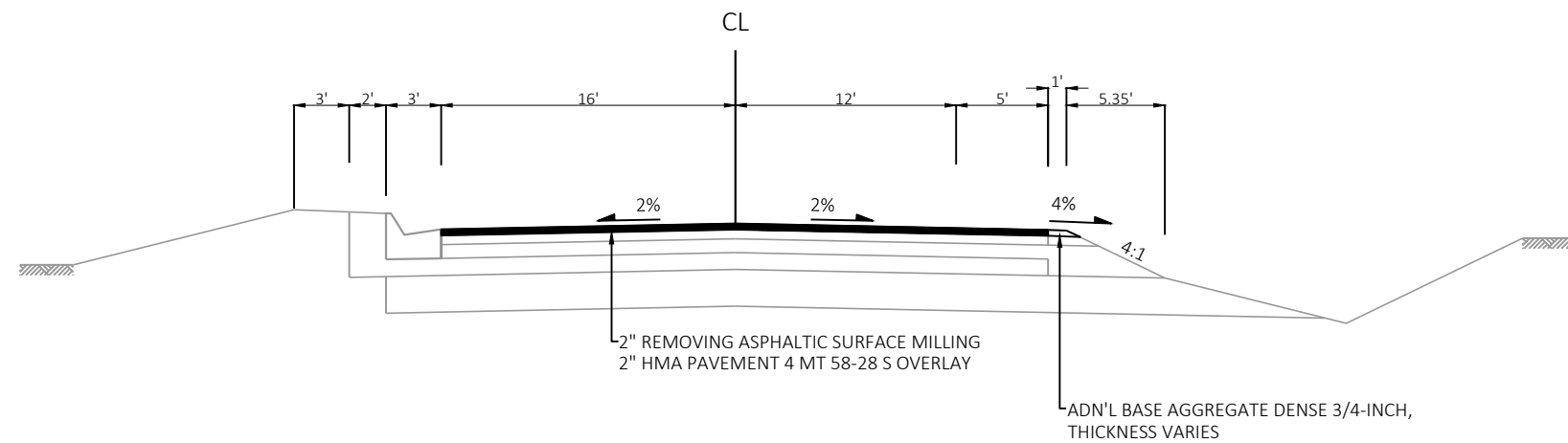
SHEET

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PROPOSED TYPICAL SECTION

STA. 213+00 - 218+00

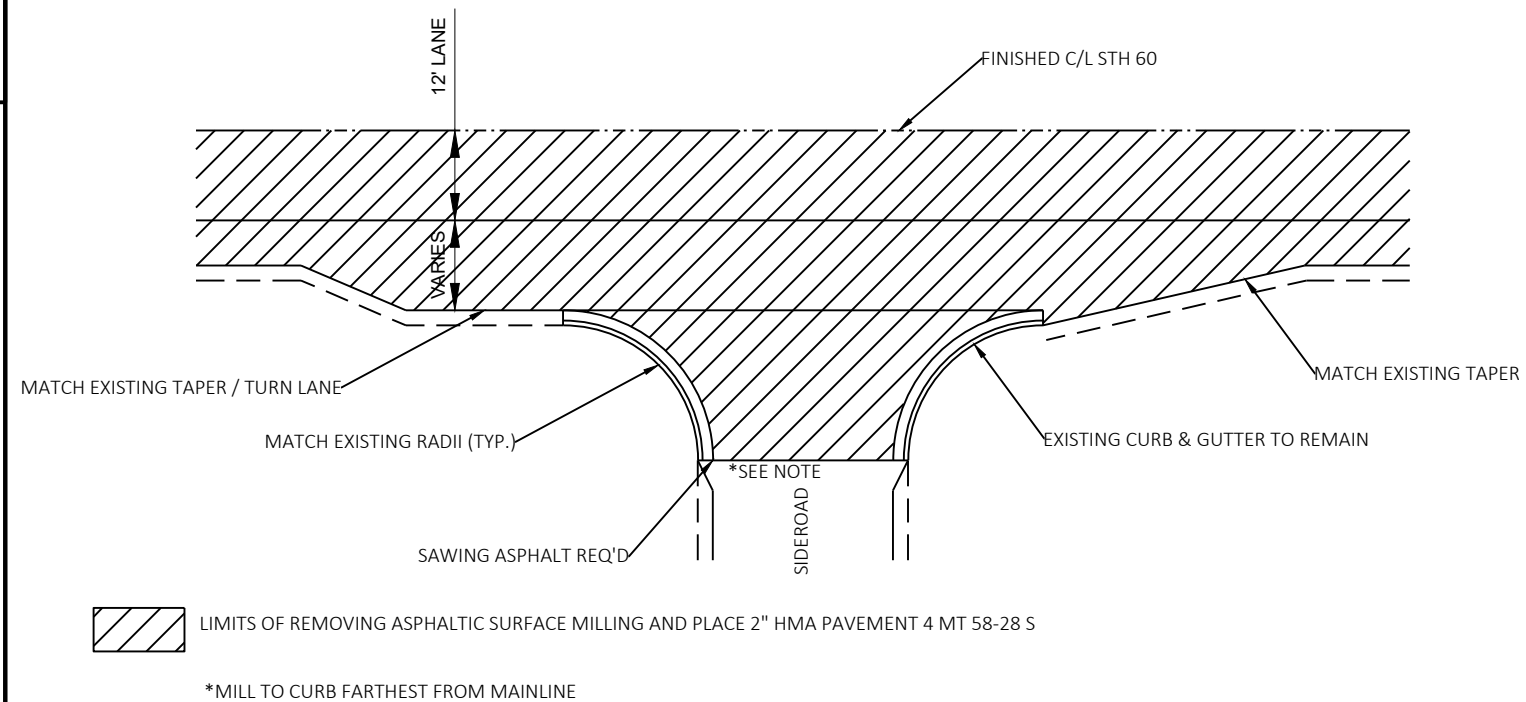


PROPOSED TYPICAL SECTION

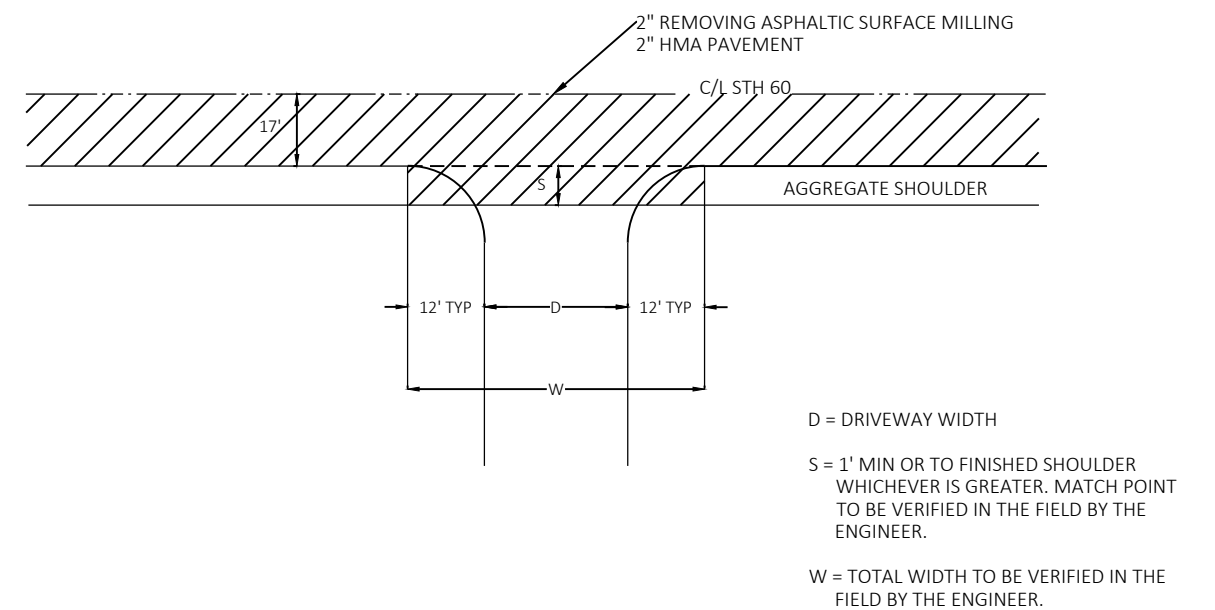
STA. 278+00 - 281+00  
STA. 329+00 - 332+00  
STA. 390+00 - 393+00  
STA. 415+00 - 424+00  
STA. 509+00 - 527+00



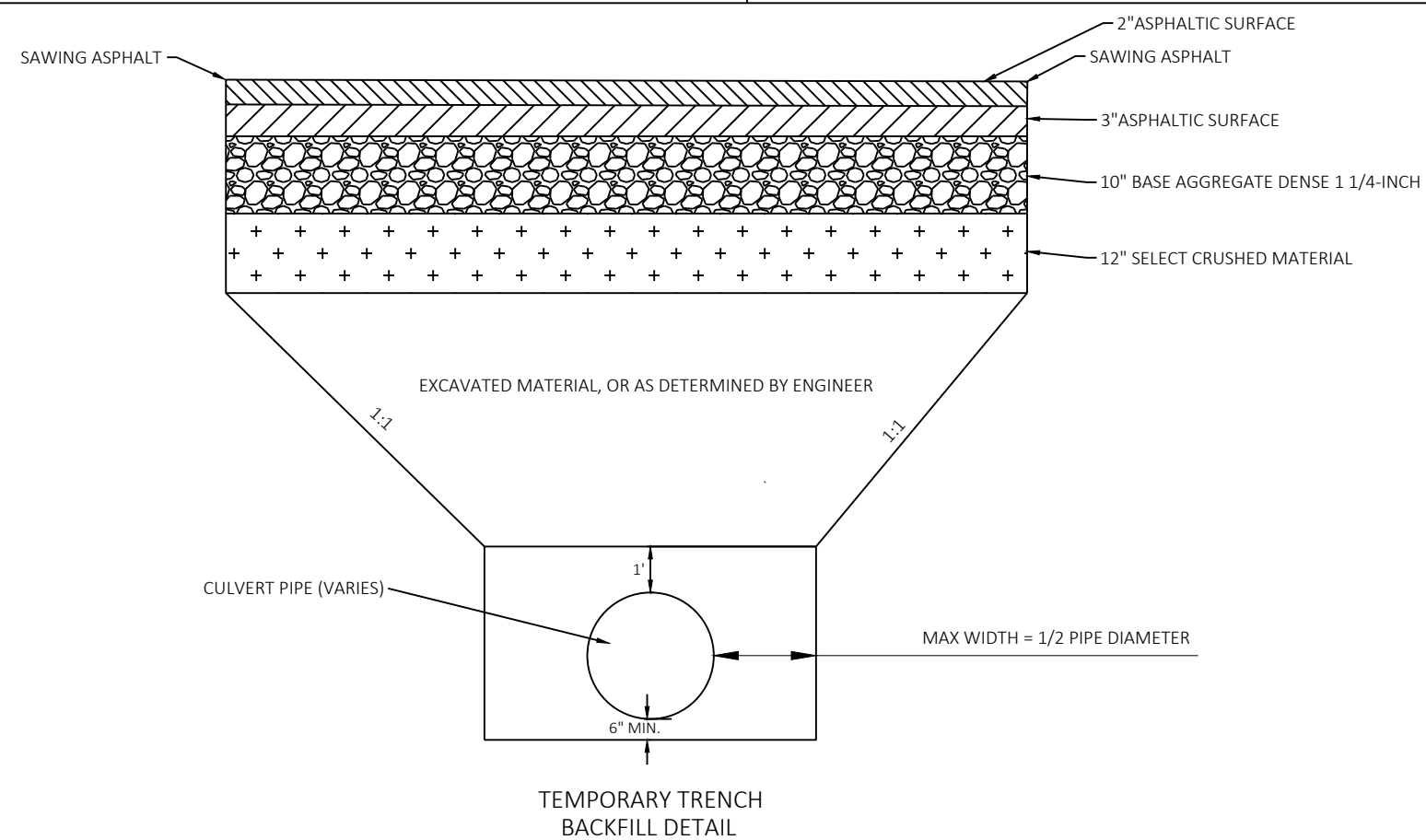
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TYPICAL SIDEROAD DETAIL WITH CURB &amp; GUTTER



### TYPICAL DRIVEWAY DETAIL



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## CONSTRUCTION DETAILS

SHEET

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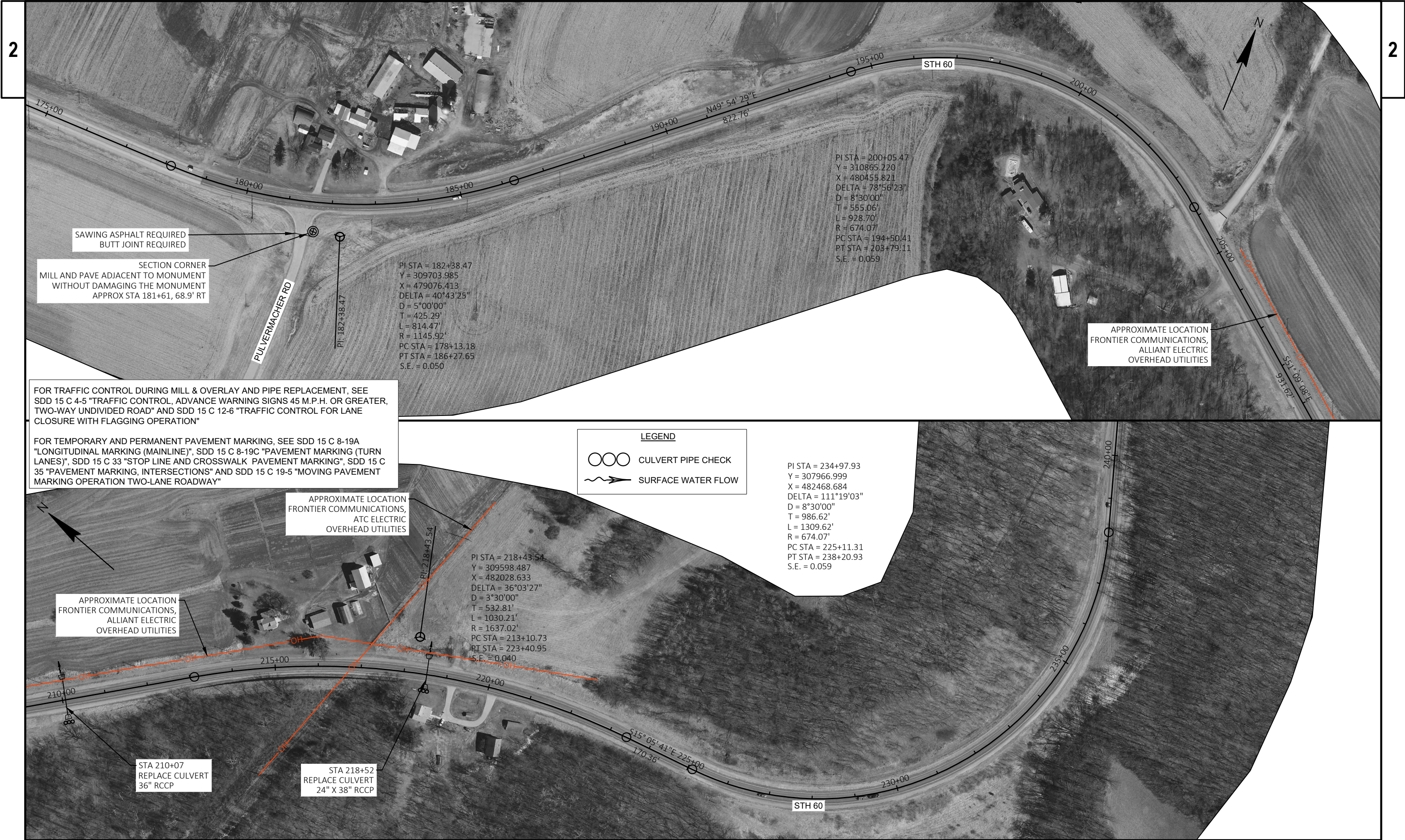


FOR TRAFFIC CONTROL DURING MILL & OVERLAY AND PIPE REPLACEMENT, SEE SDD 15 C 4-5 "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO-WAY UNDIVIDED ROAD" AND SDD 15 C 12-6 "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION"

FOR TEMPORARY AND PERMANENT PAVEMENT MARKING, SEE SDD 15 C 8-19A "LONGITUDINAL MARKING (MAINLINE)", SDD 15 C 8-19C "PAVEMENT MARKING (TURN LANES)", SDD 15 C 33 "STOP LINE AND CROSSWALK PAVEMENT MARKING", SDD 15 C 35 "PAVEMENT MARKING, INTERSECTIONS" AND SDD 15 C 19-5 "MOVING PAVEMENT MARKING OPERATION TWO-LANE ROADWAY"

QUARTER SECTION CORNER  
MILL AND PAVE ADJACENT TO MONUMENT  
WITHOUT DAMAGING THE MONUMENT  
APPROX STA 154+90, 16.5' RT









PI STA = 262+97.10  
Y = 310022.486  
X = 485255.422  
DELTA = 49°32'26"  
D = 5°15'00"  
T = 503.59'  
L = 943.63'  
R = 1091.35'  
PC STA = 257+93.51  
PT STA = 267+37.14  
S.E. = 0.050

FOR TRAFFIC CONTROL DURING MILL & OVERLAY AND PIPE REPLACEMENT, SEE SDD 15 C 4-5 "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO-WAY UNDIVIDED ROAD" AND SDD 15 C 12-6 "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION"

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QUARTER SECTION CORNER  
MILL AND PAVE ADJACENT TO MONUMENT  
WITHOUT DAMAGING THE MONUMENT  
APPROX STA 278+81, 18.4' LT

PI STA = 278+17.42  
Y = 309662.741  
X = 486797.893  
DELTA = 13°37'25"  
D = 3°00'00"  
T = 228.13'  
L = 454.12'  
R = 1909.86'  
PC STA = 275+89.29  
PT STA = 280+43.40  
S.E. = 0.055

SAWING ASPHALT REQUIRED  
BUTT JOINT REQUIRED









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PROJECT NO: 5270-01-60	HWY: STH 60	COUNTY: COLUMBIA	PLAN DETAILS	SHEET	E
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