

PRELIMINARY PLAN CHECKLIST

- A. Preliminary plan shall be CADDs prepared, as scoped.
- B. Review copies shall be E-Plans (reduced size), as scoped
- C. Title Sheet
 - 1. Location sketch
 - 2. I.D. - Project title
 - 3. Design designation
 - 4. Begin/End project limits (y, x coordinates)
- D. Typical Section Sheet
 - 1. Utilities/Railroads - name and contact person
 - 2. DNR liaison - contact person
 - 3. Diggers Hotline
 - 4. Existing typical section (complete)
 - 5. Proposed typical section (complete with pavement type and thickness)
 - a. Mainline
 - b. Side roads
- E. Detail Sheets (include if applicable)
 - 1. Project overview
 - 2. Contour maps with match lines
 - 3. Non-standard detail drawings (butt joints, sanitary storm sewer, etc.)
 - 4. Intersection details if not standard
 - 5. Traffic control concept plan, signals, signing, lighting and construction staging (drawings or memo)
- F. Plan and Profile Sheets (should include existing topography or aerial photography)
 - 1. Begin/End construction limits
 - 2. Alignment (mainline and side roads)
 - a. Horizontal and vertical (calculated)
 - K-value
 - Degree/radius of curves/superelevation
 - Percent of grade
 - 3. Slope intercepts
 - 4. Right of way and easements
 - a. Existing and/or new
 - b. Existing access control
 - c. Property lines
 - d. Property owner names
 - 5. Drainage arrows (direction of flow)
 - 6. Drainage plan
 - a. Rural
 - Cross drains (diameter and location)
 - Special ditches

- Berms
 - Channel relocation
 - Structures requiring R/W
 - b. Urban
 - Outfalls
 - Trunk line location
 - Structures requiring R/W
 - 7. Environmentally sensitive areas
 - 8. Major erosion control (R/W required, retention or sedimentation basins, energy dissipaters, etc.)
 - Separate details or memo if minor
 - 9. Numbered structures (including retaining walls high mast light and sign bridges)
 - Type of work defined/notations per FDM
 - 10. Existing utilities
 - 11. Railroads - planned work
 - 12. Rock profiles (both rip-able and hard) and marsh profiles
 - 13. Existing and proposed access points including type
 - 14. Existing advertising signs
 - 15. Maintenance crossovers on multi-lane highways
- G. Cross Section Sheets
- 1. Original ground
 - 2. Marsh and rock lines
 - 3. Proposed subgrade or finished grade
 - 4. Cross drains
 - 5. Sidewalk
 - 6. Curb and gutter
 - 7. Barrier wall
 - 8. R/W or TLE, PLE
 - 9. Interval (location as needed to determine R/W requirements)
 - a. Rural 100 ft -400 ft
 - b. Urban 50 ft - 100 ft
 - c. Entrances (driveway may be half-section)
 - d. Selected locations
 - e. Side roads
- H. Additional Exhibits
- 1. Estimate. Only as detailed as plan.
 - 2. Preliminary earthwork balance.
 - 3. Commitments or issues of concern which affected design.
 - 4. Traffic Management Plan (TMP)
 - 5. Preliminary Specials (if available)

PROJECT NO: 3370-00-60
WITH: N/A

COUNTY: RACINE

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY REHABILITATION-MAINTENANCE PROJECT



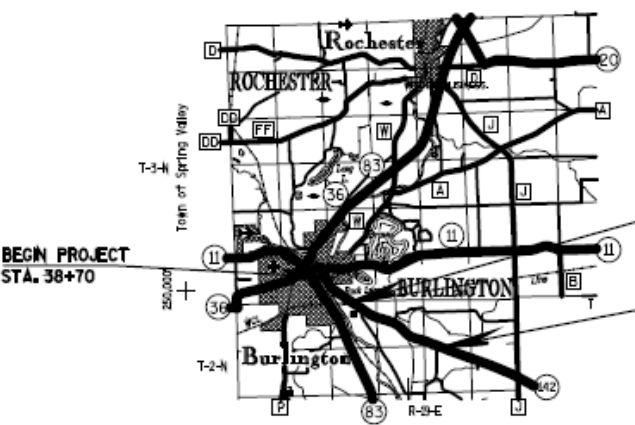
BURLINGTON TO STH 75 ROAD

(EAST CITY LIMITS TO WHEATLAND ROAD)

STH 142

RACINE COUNTY

STATE PROJECT NUMBER
3370-00-60

EXCEPTION TO NET C/L LENGTH
STA. 78+85.5-STA. 78+86.5
B-SI-W

BEGN PROJECT
STA. 38+70

END PROJECT
STA. 187+80

LAYOUT
 SCALE 0 1/4" = 1 MI
 TOTAL NET LENGTH OF CENTERLINE = 2.187 MI

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3370-00-60		

ORDER OF SHEETS

Section No. 1 Title

Section No. 2 Typical Sections and Details

Section No. 3 Estimate of Quantities

Section No. 4 Miscellaneous Quantities

Section No. 5 Plan

Section No. 6 Standard Detail Drawings

Section No. 7 Sign Plates

Section No. 8 Structure Plans

TOTAL SHEETS =

DESIGN DESIGNATION

A.A.D.T. (2000) = 2,500

A.A.D.T. =

DAILY =

D.D. =


T. =


DESIGN SPEED =


ESALS =

CONVENTIONAL SYMBOLS


PLAN


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
REFERENCE LINE 


COMBUSTIBLE FLUIDS 


UTILITIES


ELECTRIC 


FIBER OPTIC 


GAS 


SANITARY SEWER 


STORM SEWER 

TELEPHONE 

WATER 

UTILITY PEDESTAL 

POWER POLE 

TELEPHONE POLE 

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor _____

Designer _____

Project Manager _____

Regional Engineer _____

Regional Supervisor _____

APPROVED FOR THE DEPARTMENT

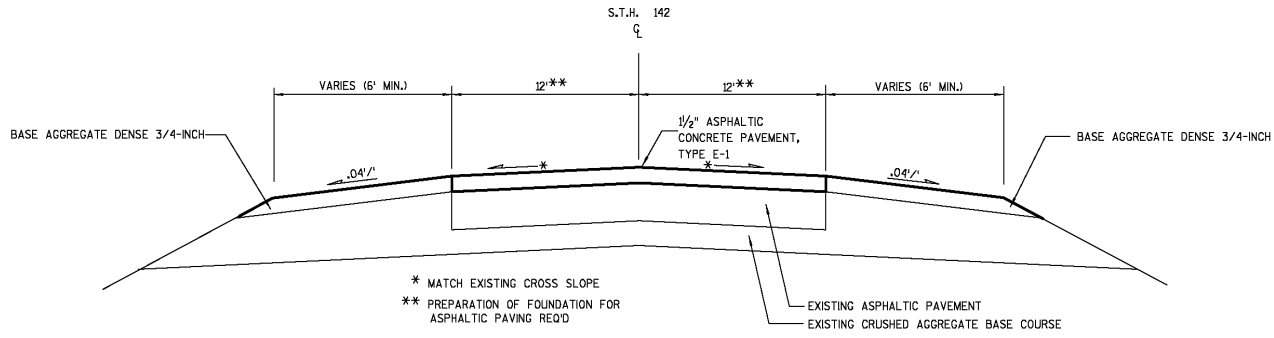
INTD _____ Signature _____

E

FILE NAME : ##...design#11a...## PLOT DATE : ##...plot#ingsdate...## PLOT BY : ##...plot#user...## PLOT NAME : PLOT SCALE : ##...plot#scale...## #15DOT/GAOS SHEET 14

2

2



TYPICAL SECTION
STA. 38+70 TO STA. 187+80

UTILITIES

WISCONSIN ELECTRIC POWER COMPANY
MR. JERRY LONDRE
700 S. KANE STREET
BURLINGTON, WISCONSIN 53105
PHONE: (262) 763-3551

WISCONSIN SOUTHERN GAS CO.
MR. RON KUCHENBECKER
120 E. SHERIDAN SPRING RD.
LAKE GENEVA, WISCONSIN 53147
PHONE: (262) 248-8861

WISCONSIN BELL INC.
MR. DENNIS SCHOEBERLE
301 EAST MILWAUKEE STREET
JANESVILLE, WISCONSIN 53545
PHONE: 608-755-5600

DNR CONTACT
MR. RUSSELL ANDERSON
SOUTHERN DISTRICT HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WISCONSIN 53711
PHONE: 608-275-3266



GENERAL NOTES

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE OR HMA PAVEMENT IS MEASURED BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

MATCH EXISTING SIDEROAD GEOMETRICS AND OVERLAY EXISTING TAPERS.

MISCELLANEOUS QUANTITIES

SAWING ASPHALT AND REMOVING ASPHALTIC SURFACE, BUTT JOINTS			BASE AGGREGATE DENSE 3/4-INCH	
LOCATION	BUTT JOINTS S.Y.	SAWING L.F.	LOCATION	SHLDR. TON
STA. 38+70	100	24	STA. 38+70 - STA. 187+80	1900
STA. 75+63	100		2 SIDE ROADS	20
STA. 80+03	100			
BEAVER RD	45	20		
MT. TOM RD	45	20		
STA. 187+80	100	24		
TOTALS	490	88	TOTALS	1920

HMA PAVEMENT & TACK COAT

LOCATION	TYPE E-1 TON	ASPH. MAT'L. TON	TACK COAT GALS
1 1/2 - INCH OVERLAY	4450	267	1300
WEDGING	200	12	
2 SIDE ROADS	100	6	
TOTALS	4750	285	1300

PAVEMENT MARKING, EPOXY, 4-INCH & PAVEMENT MARKING, SAME DAY, EPOXY, 4-INCH

LOCATION	EPOXY (WHITE) L.F.	SAME DAY (YELLOW) L.F.
NO PASSING	20,450	
CENTER LINE		1,850
EDGE LINE	29,100	
TOTALS	29,100	22,300

TEMPORARY PAVEMENT MARKING

LOCATION	L.F.
NO PASSING	20,450
TEMP. & DASHES	590
TOTALS	21,040

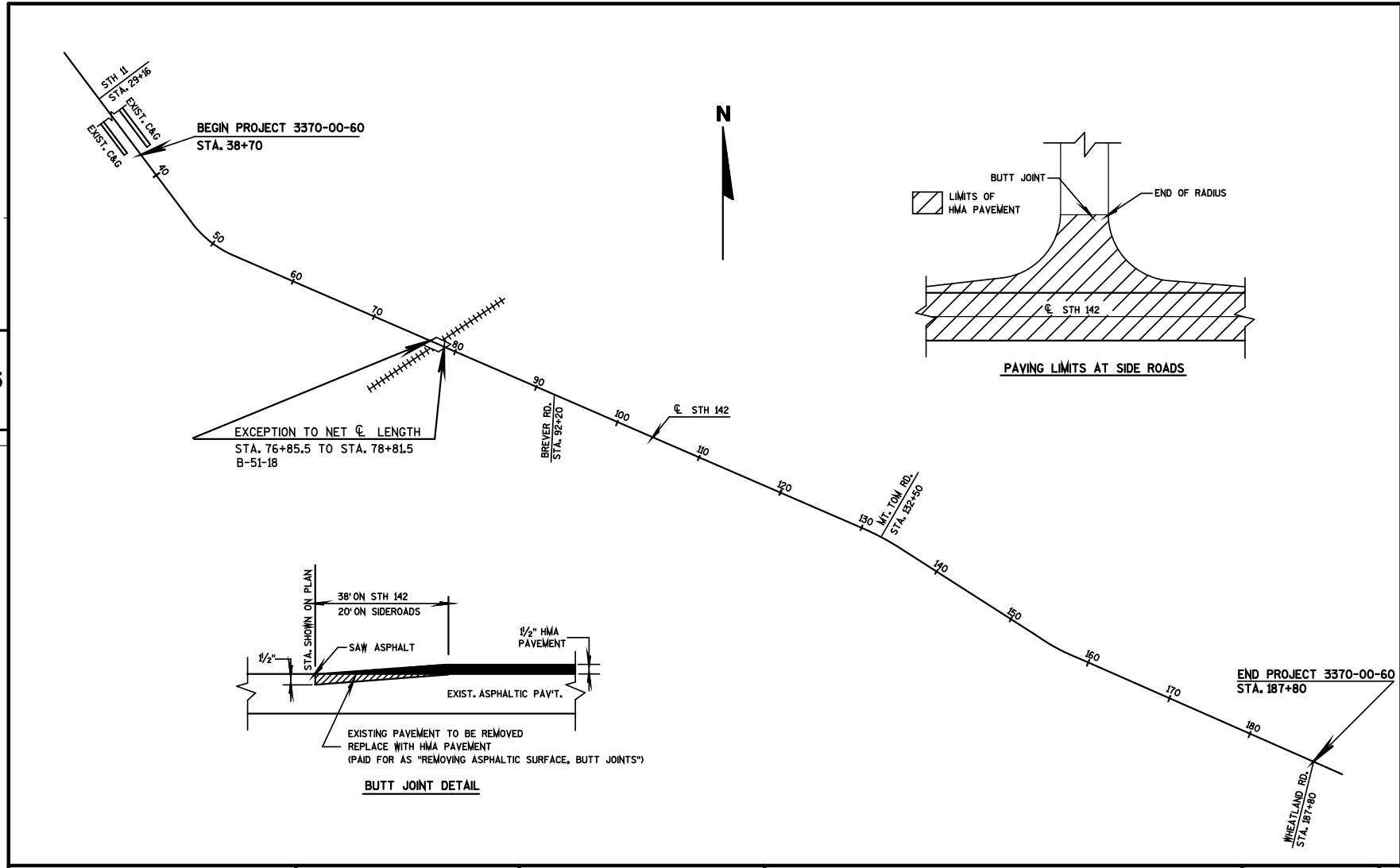
PROJECT NO: 3370-00-60 HWY: 142 COUNTY: RACINE TYPICAL SECTION & NOTES SHEET E

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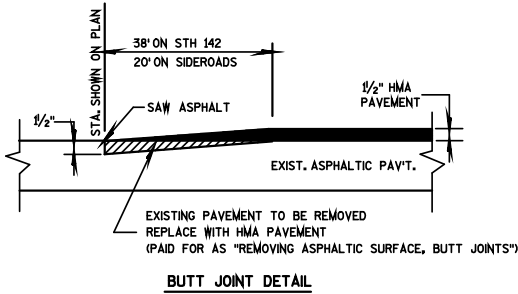
DATE 05JUN08

ESTIMATE OF QUANTITIES

LINE					1234-03-76
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	204.0115	REMOVING ASPHALTIC SURFACE, BUTT JOINTS	SY	490.000	490.000
0020	211.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT)	LS	1.000	1.000
		01. 1234-03-76			
0030	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	350.000	350.000
0040	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	1,550.000	1,550.000
0050	455.0105	ASPHALTIC MATERIAL PG58-28	TON	285.000	285.000
0060	455.0605	TACK COAT	GAL	1,300.000	1,300.000
0070	460.1101	HMA PAVEMENT TYPE E-1	TON	4,750.000	4,750.000
0080	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	3,040.000	3,040.000
0090	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS	EACH	1.000	1.000
		(PROJECT) 01. 1234-03-76			
0100	619.1000	MOBILIZATION	EACH	1.000	1.000
0110	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0120	643.0100	TRAFFIC CONTROL (PROJECT)	EACH	1.000	1.000
		01. 1234-03-76			
0130	646.2120	PAVEMENT MARKING EPOXY 6-INCH	LF	29,100.000	29,100.000
0140	646.4705	PAVEMENT MARKING SAME DAY EPOXY 6-INCH	LF	22,300.000	22,300.000
0150	643.3220	TEMPORARY PAVEMENT MARKING 6-INCH	LF	21,040.000	21,040.000
0160	690.0150	SAWING ASPHALT	LF	88.000	88.000



EXCEPTION TO NET C LENGTH
 STA. 76+85.5 TO STA. 78+81.5
 B-51-18



BUTT JOINT DETAIL

PROJECT NO: 3370-00-60	HWY: STH 142	COUNTY: RACINE	DETAILS AND ALIGNMENT	SHEET NO: E
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FILE NAME : **...designfile...** PLOT DATE : **...plottingdate...** PLOT BY : **...plotuser...** PLOT NAME : PLOT SCALE : **...plotscale...** WISDOT/CADD SHEET 44

**LOCAL PROJECTS
W/ MANAGEMENT CONSULTANT
DETAIL "A"**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
PREPARED BY Surveyor _____ Designer _____ Management Consultant <u> (Company Name)</u>
APPROVED FOR THE DEPARTMENT DATE: _____ _____ Management Consultant Signature

**LOCAL PROJECTS
WO/ MANAGEMENT CONSULTANT
DETAIL "B"**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
PREPARED BY Surveyor _____ Designer _____ Project Manager _____ Regional Examiner _____ Regional Supervisor _____ _____
APPROVED FOR THE DEPARTMENT DATE: _____ _____ (Signature)

DETAIL "A"

<p style="text-align: center;">Accepted For</p> <p style="text-align: center;"><u>(City, Village, County, Town) of</u> _____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____ (Date)</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">(Signature & Title of Official)</p>	
<p style="text-align: center;">Original Plans Prepared By</p> <p style="text-align: center;"><i>(Professional Engineer's Signature and Professional Seal)</i></p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">(Date) (Signature)</p>	

**For Plans Prepared and/or To Be Signed
By Cities, Villages, Counties or Towns**

DETAIL "B"

Original Plans Prepared By

(Name of Consultant Firm)

*(Professional Engineer's Signature
and Professional Seal)*

(Date)

(Signature)

For Plans Prepared by Consultants