

MINNESOTA DEPARTMENT OF TRANSPORTATION PLAN SYMBOLS GOODHUE COUNTY, MINNESOTA STATE LINE . COUNTY LINE S.E. COLLECTOR (C.S.A.H. 24) SECTION LINE . DUARTER LINE SIXTEENTH LINE. RIGHT-OF-WAY LINE PRESENT RIGHT-OF-WAY LINE CONSTRUCTION PLAN FOR GRADING, AGGREGATE BASE AND SHOULDER, DRAINAGE, STORM SEWER, LIGHTING, CURB AND GUTTER AND BRIDGE NO. 25J74 LOCATED ON C.S.A.H. 24 FROM THE T.H. 52/C.S.A.H. 24 INTERCHANGE TO EAST OF SOUTH 4TH STREET CONTROL OF ACCESS LINE . PROPERTY LINE (Except Land Lines) ACATED PLATTED PROPERTY CORPORATE OR CITY LIMITS P.I. of ay TRUNK HIGHWAY CENTER LINE ONC. RETAINING WALL C.S.A.H. 24 - S.A.P. NO. 025-624-017 C.S.A.H. 25 - S.A.P. NO. 025-625-005 RAILROAD GROSS LENGTH 6851.6 FEET 1.298 MILES GROSS LENGTH 933.2 FEET 0.177 MILES NAME -FEET 0.007 MILES RIVER OR CREEK BRIDGES-LENGTH 38.7 BRIDGES-LENGTH.. 0 FEET 0 ******* DRY RUN.. 0 O FEET O EXCEPTIONS-LENGTH... ..FEET ... MILES EXCEPTIONS-LENGTH... SIZE -DRAINAGE DITCH NET LENGTH 6890.3 FEET 1.305 MILES 933**.**2 NET LENGTH..... FEET 0.177 MILES DRAIN TILE . . \rightarrow \rightarrow \rightarrow \rightarrow -N/A TO REF. POINT N/A REF. POINT REF. POINT N/A TO REF. POINT N/A CUL VERT. _ _ _ _ _ DROP INLET. LENGTH AND DESCRIPTION BASED UPON (C.S.A.H. 24) LENGTH AND DESCRIPTION BASED UPON (C.S.A.H. 25) 0====== GUARD RAIL BARBED WIRE FENCE * * * * * WOVEN WIRE FENCE RAILROAD SNOW FENCE STONE WALL OR FENCE RAILROAD CROSSING SIGN RAILROAD CROSSING BELL ELECTRIC WARNING SIGN ST, Z W. Z MAIN Z NATION PARK ST. PARK ST. CROSSING GATE . . MEANDER CORNER BEGIN S.A.P. 025-625-005 CANNON EALLS MAIL BOX C.S.A.H. 25 STA. 2011+67.53 2000 POP. 3795 END S.A.P. 025-624-017 WARSH 18 17 S.E. COLLECTOR STA, 1068+85,71 ~~~ DRCHARD (TIMBER) BRUSH NURSERY DEERWOOD FIDE END S.A.P. 025-625-005 CATCH BASIN . 311th ST.≩ C.B. [] ST. PATH & S FIRE HYDRANT CATTLE GUARD PROPOSED BRIDGE NO. 25J74 INDERPASS (Highway Under S.E. COLLECTOR STA. 1038+43.39 TO STA. 1038+82.07 BUILDING (One Story Frame) F-FRAME C-CONCRETE 23 24 26 25 S-STONE T-TILE B-BRICK RON PIPE OR ROD PLAN REVISIONS MONUMENT (STONE, CONCRETE, OR METAL) DATE SHEET NO. APPROVED BY VOODEN HUB GRAVEL PIT. SAND PIT ORROW PIT UTILITY SYMBOLS PROJECT LOCATION TELEPHONE OR TELEGRAPH POLE LINE BEGIN S.A.P. 025-624-017 COUNTY: GOODHUE JOINT TELEPHONE AND POWER ON POWER POLES -- S.E. COLLECTOR STA, 999+95.41 ON TELEPHONE POLES DISTRICT : DESIGN DESIGNATION FOR: STEEL TOWER C.S.A.H. 24 C.S.A.H. 25 FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL STREET LIGHT R-VALUE 20 20 SCALES PEDESTAL (TELEPHONE CABLE TERMINAL.) STATE PROJ. NO. CHARGE IDENTIFIER ADT (Current Year) 2013 = N/A 1.329 INDEX MAP <u> 150</u>0′ GAS MAIN ADT (Future Year) 2033 = 9,000 (2033) 7,600 (2033) __200' GENERAL LAYOUT WATER MAIN PAVEMENT DESIGN 10 TON 10 TON CONDUIT 50′ FUNCTIONAL CLASSIFICATION MAJOR COLLECTOR MINOR COLLECTOR TELEPHONE CABLE IN CONDUIT NO. OF TRAFFIC LANES PROFILE 2 ELECTRIC CABLE IN CONDUIT _____P__ NO. OF PARKING LANES TELEPHONE MANHOLE ELECTRIC MANHOLE ESALS (20) 1,055,000 (20 YRS.) 515,000 (20 YRS.) BURIED TELEPHONE CABLE STA, 999+95 TO 1038+80 40 MPH 55 MPH Design Speed BURIED ELECTRIC CABLE I HEREBY CERTIFY THAT THE FINAL FIELD CHANGES, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. STA. 1038+80 TO 1068+86 45 MPH AERIAL TELEPHONE CABLE SEWER, (SANITARY) Based on Sight Distance STOPPING HEAD LIGHT Height of eye / Height of Object 3.5' / 2.0' SEWER MANHOLE 3.5' / 2.0' SIGNATURE Design Speed not achieved at: N/A DATE THIS PLAN AND/OR SPECIFICATION WAS PREPARED SPECIFICALLY FOR THIS PROJECT, AND ANY RE-USE OF DETAILS OR SPECIFICATIONS ON OTHER PROJECTS IS NOT INTENDED OR AUTHORIZED BY THE DESIGNER. LIABILITY FOR ANY RE-USE ON OTHER PROJECTS IS THE RESPONSIBILITY OF THE PERSON, AGENCY, OR CORPORATION USING

FED. PROJ. NO.

GOVERNING SPECIFICATIONS

THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION", SHALL GOVERN.
ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC

INDEX					
SHEET NO.	SHEET DESCRIPTION				
1 2 3 - 4 5 6 7 - 10 11 12 - 22 23 - 27 28 29 30 - 33 34 - 40 41 42 - 45 46 - 49 50 51 - 58 59 60 - 63 64 - 67 68 - 69 X1 - X83	CONSTRUCTION PLANS PROFILES INTERSECTION DETAILS SUPERELEVATION PLANS WATER RESOURCES NOTES STORM SEWER TABULATIONS, PROFILES AND DETAILS STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL AND TURF ESTABLISHMENT PLANS LIGHTING PLANS AND DETAILS CONTOUR PLANS CROSS SECTIONS				
D1 DE	DDIDCE DI ANC				

THIS PLAN CONTAINS 157 SHEETS



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE	Janl	John	_
DATE <u>5/14/13</u>	LIC. NO. 42395	PRINT NAME	JOEL JOHNSON

APPROVED GOODHUE COUNTY ENGINEER	20
APPROVED	20

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY

CITY ENGINEER, CITY OF CANNON FALLS

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO GUIDELINES OF CIVASCE 38-02. ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING

S.A.P. 025-624-017, 025-625-005 STATE PROJ. NO.

PLAN OR SPECIFICATION DATA FROM THIS PROJECT

MINNESOTA DEPARTMENT OF TRANSPORTATION THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD ROAD AND ROADWAY FEATURES SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN GOODHUE COUNTY, MINNESOTA INDEX S.E. COLLECTOR (C.S.A.H. 24) ROAD SYSTEM DESIGNATIONS 1. TITLE SHEET INTERSTATE TRUNK HIGHWAY (65) CONSTRUCTION PLAN FOR BITUMINOUS SURFACING, AGGREGATE BASE, AND AGGREGATE SHOULDERING STATE NUMBERED TRUNK HIGHWAY (5) (2) LOCATED ON C.S.A.H. 24 FROM THE EAST FRONTAGE ROAD ROUNDABOUT OF TO EAST OF SOUTH 4TH STREET THE EAST FRONTAGE ROAD ROUNDABOUT OF TO EAST OF SOUTH 4TH STREET ESTIMATED QUANTITIES, C.S.A.H. 25 - S.A.P. NO. 025-625-006 C.S.A.H. 24 - S.A.P. NO. 025-624-019 STANDARD PLATES. AND NOTES 207 BRIDGES-LENGTH. 31 FEET 0.006 MILES BRIDGES-LENGTH.....0 FEET....0 MILES EXCEPTIONS-LENGTH 0 FEET 0 MILES NET LENGTH 6890.3 FEET 1.305 MILES REF. POINT N/A TO REF. POINT N/A TYPICAL SECTIONS INDIAN SERVICE ROAD STATE FOREST ROAD NET LENGTH 933.2 FEET 0.177 MILES REF. POINT N/A TO REF. POINT N/A STRUCTURES LENGTH BASED UPON (C.S.A.H. 25) LENGTH BASED UPON (C.S.A.H. 24) STRIPING PLAN COUNTY ENGINEER: I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE BEGIN S.A.P. 025-625-006 ZPARK ST. PLOST W. (PARK ST.) ST. 2000 POP 3,795 SE (W.) BELLE ST. 2000 POP 3,795 CANNON FALLS CANNON FALLS C.S.A.H. 25 STA. 2011+67.53 SIGNATURE GREGORY ISAKSON - GOODHUE COUNTY ENGINEER END S.A.P. 025-624-019 CORPORATE LINE SECTION LINE S.E. COLLECTOR STA. 1068+85.71 NATIONAL OR STATE PARK DATE LIC. NO. 21765 END S.A.P. 025-625-006 C.S.A.H. 25 6014) A STA. 2021+00.72 313+h ST. WAY # # RAILROADS DATE D6 STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY ... DATE STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING 23 24 26 25 FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL ECHO VALLEY TR. BRIDGE NO. 25J74 BEGIN S.A.P. 025-624-019 S.E. COLLECTOR STA. 999+95.41 **DESIGN DESIGNATION FOR:** C.S.A.H. 24 C.S.A.H. 25 R-VALUE ADT (Current Year) 2014 = 1,329N/A 7,756 (2034) 9,184 (2034) ADT (Future Year) 2034 = PAVEMENT DESIGN 10 TON 10 TON SCALES FUNCTIONAL CLASSIFICATION MAJOR COLLECTOR MINOR COLLECTOR NO. OF TRAFFIC LANES GENERAL LAYOUT 2. 2 NO. OF PARKING LANES N/A 1,356,260 (20 YRS.) ESALS (20) 763,524 (20 YRS.) I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS. IF ANY, OF THIS PLAN PROFILE PLAN REVISIONS WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A STA. 999+95 TO 1038+80 40 MPH55 MPH PROJECT LOCATION APPROVED BY Design Speed DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE X-SECTION N/A N/A STA. 1038+80 TO 1068+86 45 MPH COUNTY: GOODHUE STOPPING HEAD LIGHT Based on Sight Distance DISTRICT :6.... 3.5' / 2.0' 3.5' / 2.0' Height of Eye / Height of Object DATE LIC. NO.N/A..... Design Speed not achieved at:N/A.....

GOVERNING SPECIFICATIONS

S.A.P. 025-624-019 (CSAH 24) & 025-625-006 (CSAH 25) SHEET NO. 1 OF 8 SHEETS

LEGEND