

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0005	06-00057-00-BR	MCHENRY	22	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 63508		

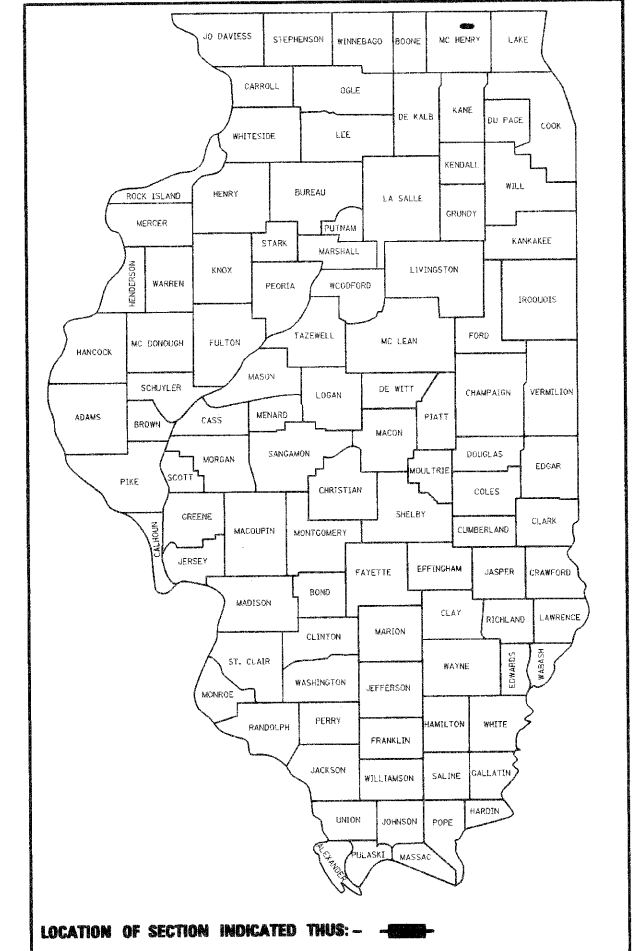
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**F.A.U. ROUTE 0005 (AYER STREET)
BRIDGE REPLACEMENT OVER MOKELER CREEK
SECTION 06-00057-00-BR
PROJECT NO. BRM 8003-(718)
STRUCTURE NO. 056-6203
CITY OF HARVARD
McHENRY COUNTY, ILLINOIS
JOB NO. C-91-072-07**



STRUCTURE INFORMATION:

EXISTING SN 056-6201
EXISTING STRUCTURE IS A 3 CELL CAST-IN-PLACE REINFORCED CONCRETE BOX CULVERT WITH A TOTAL SPAN OF 34'0". THE DECK MEASURES 24'3" OUT-TO-OUT OF HEADWALLS WITH NO SKEW. THE INDIVIDUAL CELLS ARE 10'0" X 4'0" WITH 1'0" CENTER AND END WALLS. STRUCTURE TO BE REMOVED AS SHOWN WITH NO SALVAGE.

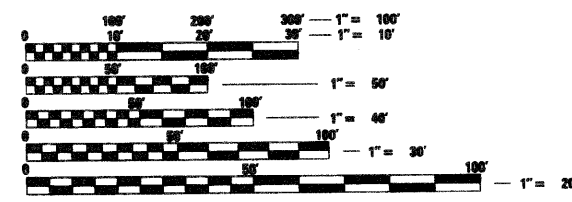
PROPOSED SN 056-6203:
PROPOSED STRUCTURE IS A 3 CELL PRECAST CONCRETE BOX CULVERT WITH CAST IN PLACE END SECTIONS, WITH A TOTAL SPAN OF 32'0". THE DECK MEASURES 53'2" OUT-TO-OUT OF HEADWALLS WITH NO SKEW. THE INDIVIDUAL CELLS ARE 10'0" X 5'0".

TRAFFIC DATA

ADT: AYER STREET 2,200 VPD (2005) 9,000 VPD (2030)

POSTED SPEED DESIGN SPEED
30 MPH (EXISTING) 30 MPH (PROPOSED)
30 MPH (PROPOSED)

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION - COLLECTOR (URBAN)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JULIE JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811

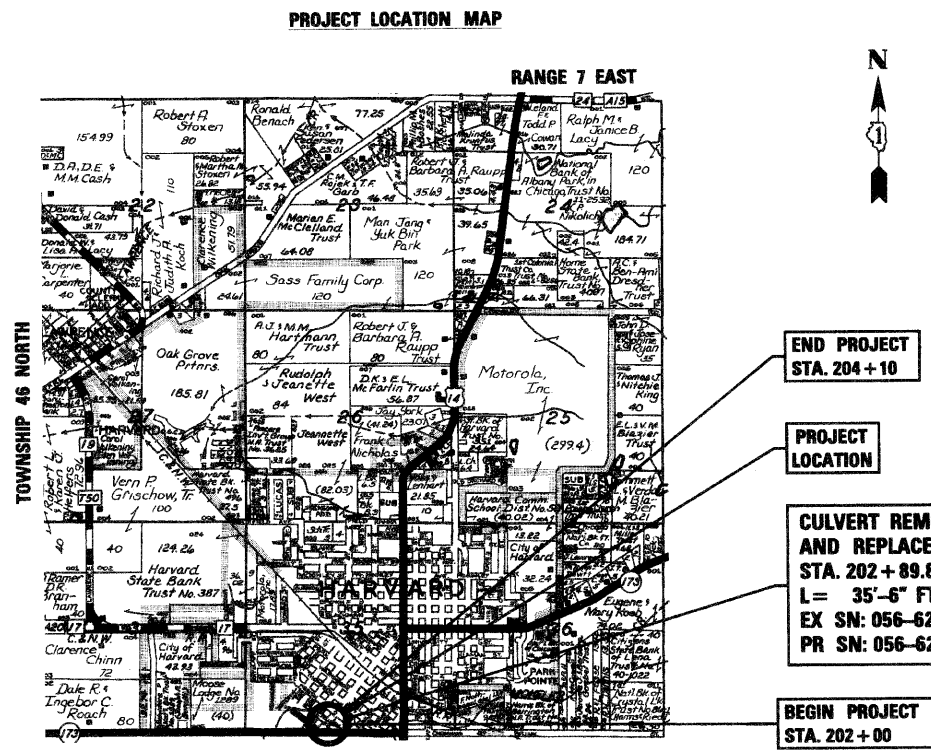
Illinois Professional Design Firm # 184-000108

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PROJECT ENGINEER: JOSEPH P. GUERRIERO
PROJECT MANAGER: KEVIN M. ARFT, P.E.

CONTRACT NO. 63508

PROJECT IS LOCATED IN THE CITY OF HARVARD



PROJECT LENGTH

NET LENGTH OF PROJECT (AYER STREET) = 210 FT (0.040 MI)
BRIDGE OMISSION (OR STRUCTURE LENGTH) (056-6203) = 34 FT

GROSS LENGTH OF PROJECT = 210 FT (0.040MI)

STRUCTURAL ENGINEER'S SIGN & SEAL

Robert G. Davies 8/12/2010

ROBERT G. DAVIES, S.E., P.E.
EXPIRES: 11-30-2010

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *David A. Nelson*
CITY OF HARVARD

PASSED AUGUST 27 2010
Christa Hecker
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW AUGUST 30 2010
Diane M. O'Leary
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

Kevin M. Arft 08/12/10

KEVIN M. ARFT, P.E.
EXPIRES: 11-30-2011

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: Robert G. Davies
 CLIENT: OTTLICH
 FILE NAME: 060554-CV-0001
 PLOT DRIVER: McHenry-1050-plt11-01-07
 PEN TABLE: standard-tran.tbl
 PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406, SCHAMBURG, IL