

GENERAL NOTES:

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012.

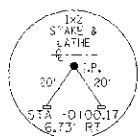
THE WORK INVOLVED ON THIS SECTION CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE, THE CONSTRUCTION OF A 55-FOOT LONG SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE, EARTH APPROACHES, AGGREGATE SURFACE COURSE AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THIS SECTION.

ALL ELEVATIONS ARE BASED ON U.S.C.S. MEAN SEA LEVEL DATUM.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL THE UTILITIES, AFFECTING THE PROJECT, PRIOR TO CONSTRUCTION.

THE TREES THAT ARE TO BE REMOVED WILL BE STOCK PILED ON THE ROW AND SHALL BECOME THE PROPERTY OF THE COUNTY OR OTHERWISE AS DIRECTED BY THE ENGINEER.

NOTE: CONSTRUCTION TRANSITIONS
STA. 2+45 TO STA. 3+00
STA. 7+00 TO STA. 7+60
ALL QUANTITIES ARE INCLUDED IN THE PROPOSAL



CURVE #1
P.I. STA: 3+47.40
Δ: 111.828°
R: 446.29'
L: 1200'
T: 88.96'
E: 177.59'
S.C. RENE: NONE
T.P. STA: 2+56.44
P.T. STA: 4+36.03

CURVE #2
P.I. STA: 7+21.61
Δ: 111.828°
R: 446.29'
L: 1200'
T: 88.96'
E: 177.59'
S.C. RENE: NONE
T.P. STA: 6+23.71
P.T. STA: 8+19.06

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G2	10-02118-00-BR	EDWARDS	13	2
FED. ROAD DIST. NO. 7	ILLINOIS	JOHNSON CREEK		
PROJECT # 6805-047-0371		CONTRACT # 95583		
LOC. JOB # HD01080				

323 W. 3RD ST.
P.O. BOX 160
MT. CARMEL, IL 62881
PHONE: (618)-262-8651
FAX: (618)-263-3327

405 W. STATE ST
SUITE 1
SPRINGFIELD, IN 47870
PHONE: (812)-386-7011
FAX: (812)-386-2812

LAMAC
ENGINEERING CO.

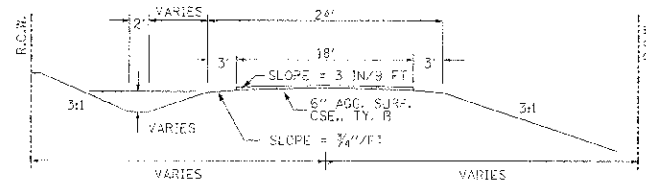
PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION
184-00087
(82-032435)/(35-002769)

AARON M. MEFFORD
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
56284

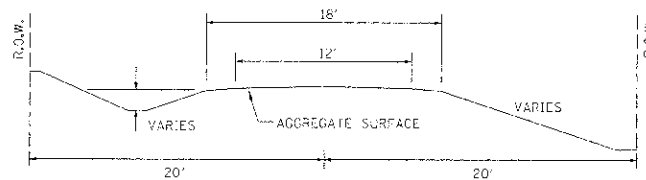
AARON M. MEFFORD
NAME
SIGNATURE
3-1-13
DATE
11-30-13
EXPIRES

JOHNSON CREEK
TOWNSHIP ROUTE 62
EDWARDS COUNTY, ILLINOIS

TYPICAL CROSS SECTION PROPOSED



TYPICAL CROSS SECTION EXISTING



NOTE: CONSTRUCT STONE LINED DITCH

NOTE: CONSTRUCT SPECIAL DITCH

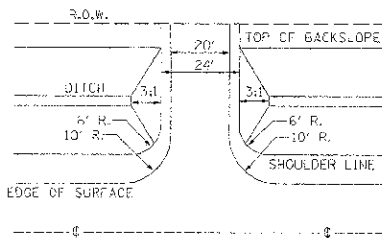
STA 2+45 TO STA 2+70 LT & RT (0.62 TON/LIN FT)
STA 4+50 TO STA 4+82 LT (0.62 TON/LIN FT)
STA 4+50 TO STA 4+78 RT (0.62 TON/LIN FT)
STA 5+22 TO STA 5+50 LT (0.62 TON/LIN FT)
STA 5+22 TO STA 5+50 RT (0.62 TON/LIN FT)
STA 7+35 TO STA 7+60 LT & RT (0.62 TON/LIN FT)
133 TON STONE LINED DITCH ALLOWED IN PROPOSAL.

STA 2+45 TO STA 4+02 LT
STA 2+45 TO STA 4+78 RT
STA 5+22 TO STA 7+60 LT
STA 5+22 TO STA 7+60 RT

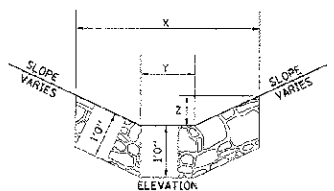
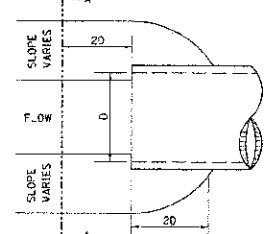
TREE REMOVAL SCHEDULE

SEE STONE LINED DITCH DETAIL.

FIELD ENTRANCE DETAIL



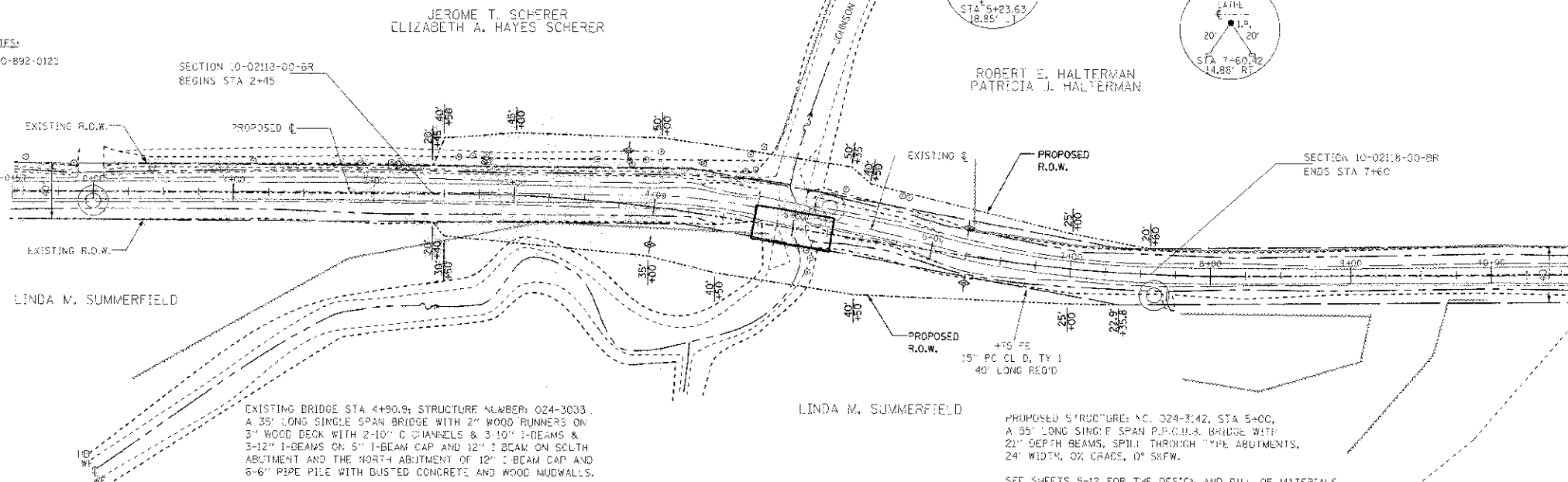
STONE LINED DITCH DESIGN



NOTE:

LOCATION	QUANTITY
2+45.2 LT	8
2+69.9 LT	16
2+78.0 LT	8
2+79.5 LT	2
2+80.8 LT	8
3+56.7 LT	8
3+75.1 LT	12
3+81.2 LT	8
3+90.4 LT	10
4+00.2 LT	14
4+20.7 LT	14
4+30.4 LT	10
4+40.4 LT	16
4+62.0 LT	16
4+67.3 LT	16
5+11.9 RT	10
5+15.0 RT	26
5+15.6 RT	32
5+33.2 LT	14
5+73.8 LT	14
5+78.8 LT	8
TOTAL	280 UNITS

NOTE: FOR PLACEMENT, QUALITY GRADATION AND OTHER MISCELLANEOUS REQUIREMENTS FOR STONE LINED DITCH-SEE SPECIAL PROVISIONS.



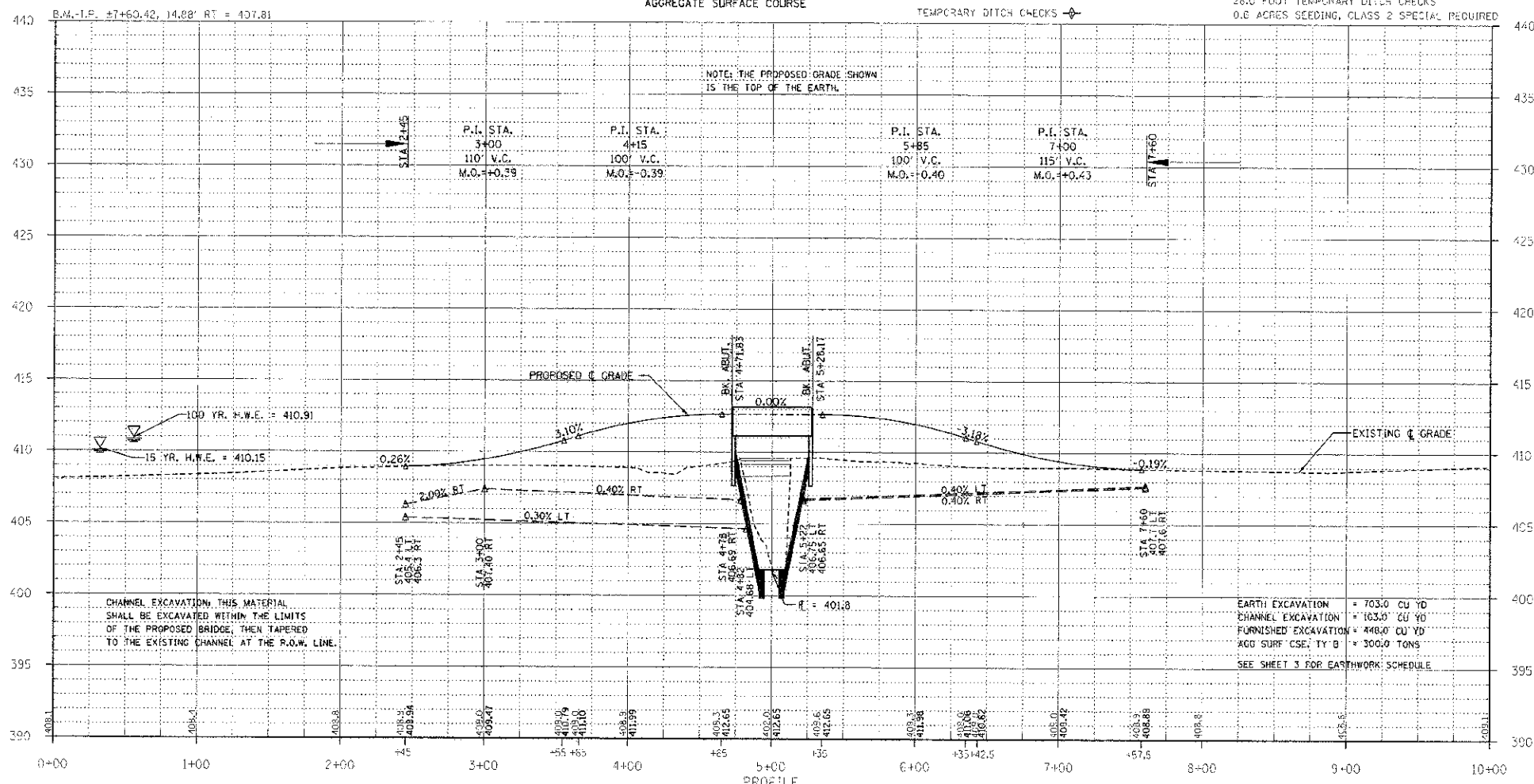
EXISTING BRIDGE STA 4+90.3; STRUCTURE NUMBER: 024-3033.
A 35' LONG SINGLE SPAN BRIDGE WITH 2" WOOD RUNNERS ON 3" WOOD DECK WITH 2-10" C CHANNELS & 3-10" I-BEAMS & 3-12" I-BEAMS ON 5" I-BEAM CAP AND 12" I-BEAM ON SCLTH ABUTMENT AND THE NORTH ABUTMENT OF 12" I-BEAM CAP AND 8-6" PIPE PILE WITH BUSTED CONCRETE AND WOOD MIDWALLS.

ONE (1) EACH REMOVAL OF EXISTING STRUCTURES ALLOWED IN THIS PROPOSAL.

NOTE: FILL NEXT TO BRIDGE TO BE AGGREGATE SURFACE COURSE

PROPOSED STRUCTURE: NO. 024-3142, STA 5+00, A 55' LONG SINGLE SPAN P.P.C.U.B. BRIDGE WITH 21" DEPTH BEAMS, SPIII THROUGH THE ABUTMENTS, 24" WIDTH, 0% GRADE, 0° SKFW.

SEE SHEETS 5-12 FOR THE DESIGN AND BILL OF MATERIALS.



CHANNEL EXCAVATION, THIS MATERIAL SHALL BE EXCAVATED WITHIN THE LIMITS OF THE PROPOSED BRIDGE, THEN TAPERED TO THE EXISTING CHANNEL AT THE R.O.W. LINE.

EARTH EXCAVATION = 703.0 CU YD
CHANNEL EXCAVATION = 163.0 CU YD
FURNISHED EXCAVATION = 440.0 CU YD
AGG SURF CSE, TY B = 300.0 TONS
SEE SHEET 3 FOR EARTHWORK SCHEDULE.

SHEET TITLE:

PLAN & PROFILE

SCALE: VARS

BY: AMM

DATE: 10/13

REV: 30/13

2 OF 13

SHEETS

SHEET NO.

2