

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, COMMITMENTS AND HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 6	SUMMARY OF QUANTITIES
7 - 8	TYPICAL SECTIONS
9	SCHEDULE OF QUANTITIES
10	ALIGNMENT, TIES AND BENCHMARKS
11	EXISTING CONDITIONS AND REMOVAL PLAN
12	PLAN AND PROFILE
13	EROSION CONTROL PLAN
14	EROSION AND SEDIMENT CONTROL NOTES
15	DRAINAGE AND UTILITY PLAN
16	PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
17	GENERAL PLAN AND ELEVATION
18	GENERAL DATA
19	TOP OF SLAB ELEVATIONS
20	TOP OF WEST APPROACH SLAB ELEVATIONS
21	TOP OF EAST APPROACH SLAB ELEVATIONS
22	SUPERSTRUCTURE
23	SUPERSTRUCTURE DETAILS
24 - 25	BRIDGE APPROACH SLAB DETAILS
26	STEEL RAILING, TYPE SM
27	WEST ABUTMENT
28	EAST ABUTMENT
29	STEEL SHEET PILING
30	STEEL SHEET PILING DETAILS
31	PIER 1
32	PIER 2
33	PIER 3
34	HP PILE DETAILS
35 - 37	BORING LOGS
38	MISCELLANEOUS DETAILS
39	IDOT DETAILS
40 - 43	CROSS SECTIONS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-16	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701316-12	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A

COPYRIGHT © 2019, BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 488cxc
 10/23/2019 4:14:13 PM
 FILE NAME: I:\Crystal Lake\DKCTH\180815-McNeal Bridge\CAD\Shts-Ph2\180815-Sht_INDEX.dgn



USER NAME = 488cxc	DESIGNED - CAC	REVISED - Δ 1/8/20
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLB	REVISED -
PLOT DATE = 10/23/2019	DATE - 8-20-19	FILE - 180815Sht_NDEX.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: NONE SHEET OF SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0011	13-05119-01-BR	DEKALB	43	2
CONTRACT NO. 87688			ILLINOIS FEDERAL PROJECT P40(126)	

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, WATER AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
3. THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE CONTRACTOR'S SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE SEQUENCE SCHEDULE OF WORK TO COORDINATE WITH THE RELOCATION SCHEDULE OF CONFLICTING UTILITY COMPANIES.
5. ALL RELEVANT UTILITIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES FOR CONTACT INFORMATION OF UTILITY OWNERS.
6. UTILITY ADJUSTMENTS FOR PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENT SHALL BE MADE BY THE RESPECTIVE OWNERS.
7. THE CONTRACTOR'S SUPERINTENDENT OR AUTHORIZED AGENT, AS DEFINED IN ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS, MUST BE AVAILABLE IN CASE OF EMERGENCIES ON A TWENTY-FOUR (24) HOUR BASIS.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT.
9. AT THE TIME OF THE PRECONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE PROPOSED CONCRETE TRUCK WASHOUT LOCATIONS. RUNOFF FROM WASH AREAS SHALL BE CONTAINED IN DESIGNATED AREAS SO THAT RUNOFF DOES NOT REACH THE CREEK.
10. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
11. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES. CONTACT INFORMATION WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING.
12. THE DAY'S PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
13. THE SURVEY DATUM USED FOR THIS PROJECT IS NAVD88.
14. ALL EXCAVATION AND EMBANKMENT LOCATIONS REQUIRING SEEDING SHALL BE CONSTRUCTED TO 6 INCHES BELOW FINISHED GRADE TO ALLOW FOR TOPSOIL PLACEMENT.
15. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
16. THE CONTRACTOR SHALL REPLACE ALL STREET SIGNS AND MAIL BOXES REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25.
17. NO STOCKPILING MATERIAL WILL BE ALLOWED IN FLOODPLAIN.
18. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
19. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
20. AGGREGATE SUBGRADE IMPROVEMENT (ASI) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED. A QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL ALSO BE DEDUCTED. POTENTIAL UNDERCUT LOCATIONS ARE LISTED IN THE TYPICAL SECTIONS.
21. THE ILLINOIS DEPARTMENT OF TRANSPORTATION IS NOT THE OWNER OF RECORD FOR THIS BRIDGE. SEE AVAILABLE REPORTS SPECIFICATION FOR CONTACT INFORMATION TO OBTAIN EXISTING BRIDGE PLANS.
22. THE PERMITS LISTED BELOW AND INCLUDED IN THE SPECIAL PROVISIONS ARE BEING PROVIDED FOR PROJECT CONSTRUCTION:
 - UNITED STATES ARMY CORP OF ENGINEERS PERMIT
 - ILLINOIS DEPARTMENT OF NATURAL RESOURCES INCIDENTAL TAKE AUTHORIZATION.

SEE EACH PERMIT FOR ADDITIONAL INFORMATION. IF THE CONTRACTOR ELECTS TO PURSUE MEANS AND METHODS NOT ACCOMODATED BY THE APPROVED PERMITS, HE WILL BE RESPONSIBLE FOR PERMIT RESUBMITTAL, AGENCY COORDINATION AND RELATED COSTS. NO EXTENSION OF TIME OR COMPENSATION WILL BE GRANTED AS A RESULT OF ANY DELAY IN OBTAINING THE PERMIT TO START CONSTRUCTION.
23. THIS PROJECT REQUIRES AN INCIDENTAL TAKE AUTHORIZATION FROM ILLINOIS DEPARTMENT OF NATURAL RESOURCES FOR CONSTRUCTION ACTIVITIES THAT MAY POTENTIALLY AFFECT THE GRAVEL CHUB FISH. IN ACCORDANCE WITH THAT AUTHORIZATION, THE CONTRACTOR IS TO KEEP AS MUCH RIVER HABITAT OPEN AS POSSIBLE WITH ONLY ONE BEING CONSTRUCTED OR DEMOLISHED AT A TIME.
24. ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER TILE FACILITY ENCOUNTERED DURING THE PROPOSED WORK SHALL BE LOCATED, STAKED AND REPORTED TO THE RESIDENT ENGINEER. DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN ITS ORIGINAL ALIGNMENT. IF THIS CANNOT BE ACCOMPLISHED, THE TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR DITCH IN SUCH A MANNER AS TO RENDER THE LINES USABLE FOR THE PURPOSES INTENDED. THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS

- △ 1.) STRUCTURE NO: 019-4009 IS RESTRICTED TO A 5-TON LOAD LIMIT.
- 2.) TREES 3 INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED APRIL 1 THROUGH SEPTEMBER 30.

COPYRIGHT © 2019 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 488cac
 FILE NAME: I:\Crystal Lake\DKCTH\180815-McNeal_Bridge\CAD\Sheets-Ph2\180815-Sht_GEN-NOTE.dgn

	USER NAME = 488cac	DESIGNED - CAC	REVISED - ADD NO. △ 1/8/20
		DRAWN - CJC	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - BLB	REVISED -
	PLOT DATE = 10/23/2019	DATE - 8-20-19	FILE - 180815-Sht_GEN-NOTE.dg n

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES	
SCALE: NONE	SHEET OF SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0011	13-05119-01-BR	DEKALB	43	3
CONTRACT NO. 87688				
ILLINOIS FE D. AID PROJECT P4AD(126)				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	BRIDGE 0010 RURAL
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1	1	
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1	1	
50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1	1	
50201105	COFFERDAM (TYPE 1) (LOCATION - 5)	EACH	1	1	
50300225	CONCRETE STRUCTURES	CU YD	143.8	143.8	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	444.2	444.2	
50300260	BRIDGE DECK GROOVING	SQ YD	824	824	
50300300	PROTECTIVE COAT	SQ YD	824	824	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	79.5	79.5	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	178,380	178,380	
* 50901050	STEEL RAILING, TYPE SM	FOOT	489	489	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	376	376	
51201800	FURNISHING STEEL PILES HP14X73	FOOT	1,505	1,505	
51202305	DRIVING PILES	FOOT	1,881	1,881	
51203600	TEST PILE STEEL HP12X53	EACH	2	2	
51203800	TEST PILE STEEL HP14X73	EACH	3	3	

* INDICATES SPECIALTY ITEM § CONSTRUCTION TYPE CODE 0042
 SP INDICATES ITEMS COVERED BY SPECIAL PROVISIONS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	BRIDGE 0010 RURAL
51204650	PILE SHOES	EACH	34	34	
51500100	NAME PLATES	EACH	1	1	
52200015	PERMANENT SHEET PILING	SQ FT	7,320	7,320	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	26	26	
60100945	PIPE DRAINS 12"	FOOT	100	100	
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	104	104	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	125.0	125.0	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6 A	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10	
67100100	MOBILIZATION	LSUM	1	1	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4	
* 72501000	TERMINAL MARKER-DIRECT APPLIED	EACH	2	2	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	2,636	2,636	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	

* INDICATES SPECIALTY ITEM § CONSTRUCTION TYPE CODE 0042
 SP INDICATES ITEMS COVERED BY SPECIAL PROVISIONS

COPYRIGHT © 2019, BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 488c - Default
 10/23/2019 4:15:07 PM
 FILE NAME: I:\Crystal Lake\DKCTH180815-McNeal Bridge\CAD\Sheets-Ph2\180815-Sht_500.dgn



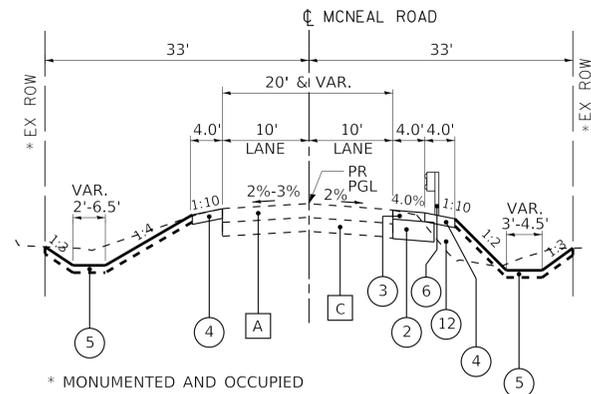
USER NAME = 488cac	DESIGNED - CAC	REVISED - A 11/8/20
PLOT SCALE = 20.0000' / in.	DRAWN - CJC	REVISED -
PLOT DATE = 10/23/2019	CHECKED - BLB	REVISED -
	DATE - 8-20-19	FILE - 180815-Sht_500.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

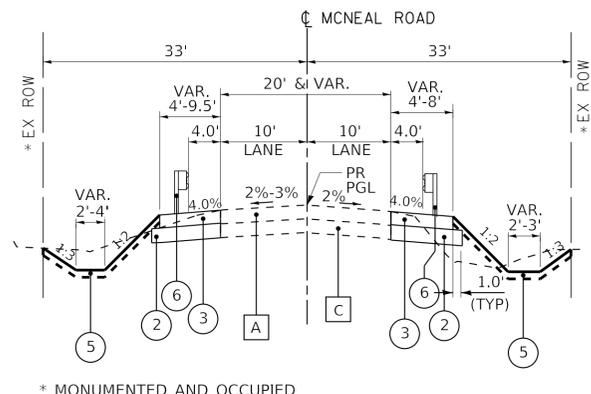
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0011	13-05119-01-BR	DEKALB	43	5
CONTRACT NO. 87688			ILLINOIS FED. AID PROJECT P4AD(126)	



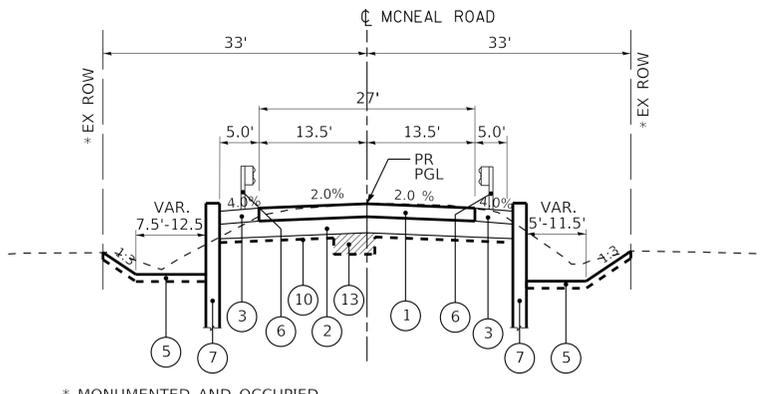
PROPOSED TYPICAL SECTION
STA 107+00 TO STA 108+00, MCNEAL ROAD



PROPOSED TYPICAL SECTION
STA 108+00 TO STA 108+41.40, MCNEAL ROAD
STA 111+58.70 TO STA 112+00, MCNEAL ROAD

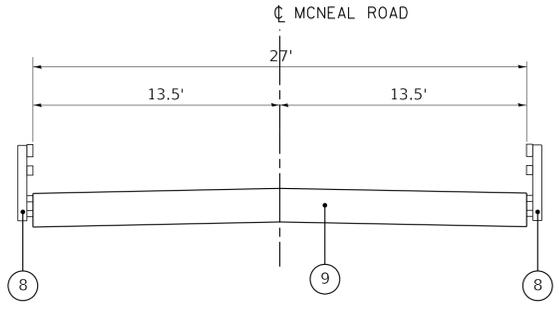
HMA MIXTURE REQUIREMENTS

MIXTURE USE:	HMA SURFACE	HMA BINDER
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIXTURE COMPOSITION: (GRADATION)	IL 9.5	IL 19.0
FRICITION AGGREGATE	MIXTURE C	N/A
DENSITY TEST METHOD	NUCLEAR/CORES	NUCLEAR/CORES
MIXTURE WEIGHT	112 LB / SQ YD / IN	112 LB / SQ YD / IN
QUALITY MANAGEMENT PROGRAM (QMP)	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
LOCATION(S)	N/A	N/A



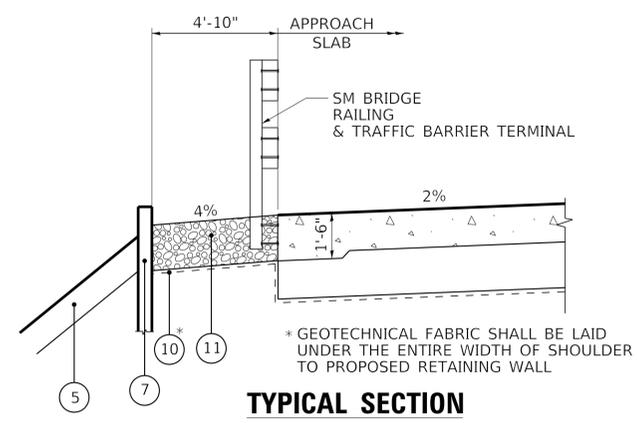
PROPOSED TYPICAL SECTION

(STA 108+41.40 TO STA 108+62.70, MCNEAL ROAD)
(STA 111+37.40 TO STA 111+58.70, MCNEAL ROAD)



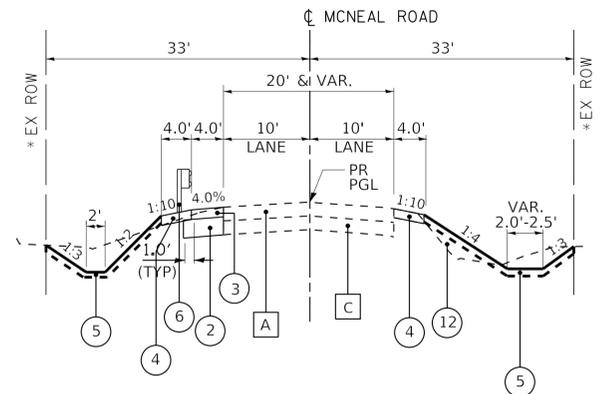
PROPOSED TYPICAL SECTION

(BRIDGE OMISSION STA 108+91.50 TO STA 111+08.50)
(SEE STRUCTURAL SHEETS FOR DETAILED INFORMATION)



TYPICAL SECTION
AGGREGATE SHOULDERS SPECIAL, TYPE C - 18"

PLACED ADJACENT TO APPROACH SLAB
STA 108+55 TO STA 108+88 LT
STA 108+70 TO STA 109+03 RT
STA 110+97 TO STA 111+30 LT
STA 111+12 TO STA 111+45 RT



PROPOSED TYPICAL SECTION

STA 112+00 TO STA 113+00

EXISTING LEGEND

- A HOT-MIX ASPHALT PAVEMENT (VARIES 2.5" TO 3.5")
- B AGGREGATE SHOULDER
- C AGGREGATE SUBGRADE (VARIES 12" TO 18")
- D EXISTING GROUND
- E STEEL RAILING
- F 27"-DEPTH PRESTRESSED DECK BEAM
- G PAVEMENT REMOVAL
- H SHOULDER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- I EARTH EXCAVATION
- J TOPSOIL REMOVAL (12")
- ITEMS TO BE REMOVED

PROPOSED LEGEND

- 1 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB - 6 INCH
- 2 AGGREGATE SUBGRADE IMPROVEMENT 12 INCH
- 3 HOT-MIX ASPHALT SHOULDERS, 6" - (2 HMA SURFACE, 4" HMA BINDER)
- 4 AGGREGATE SHOULDERS, TYPE B 6"
- 5 TOPSOIL EXCAVATION AND PLACEMENT (PR TOPSOIL DEPTH 6") SEEDING CLASS 2A OR SEEDING CLASS 4B EROSION CONTROL BLANKET (SPECIAL)
- 6 GUARDRAIL
- 7 RETAINING WALL (STEEL SHEET PILE)
- 8 STEEL RAILING, TYPE SM
- 9 SLAB DECK - 22" DEPTH
- 10 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 11 AGGREGATE SHOULDERS SPECIAL, TYPE C - 18"
- 12 EMBANKMENT
- 13 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AGGREGATE SUBGRADE IMPROVEMENT

NOTES

- 1. HOT-MIX ASPHALT SHOULDER WIDTH WILL VARY FOR TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) ACCORDING TO STANDARD 630301.

COPYRIGHT © 2019, BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS, PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 418CJC
 FILE NAME: I:\Crystal Lake\DKCTH1180815-McNeal Bridge\CAD\Sheets-Ph2\1180815-Sht_TypSec.dgn
 FILE DATE: 1/8/2020 4:40:08 PM
 FILE SIZE: 100K



USER NAME = 418cjc	DESIGNED - CAC	REVISED - ADD. NO. 1/8/20
PLOT SCALE = 20.0000' / in.	DRAWN - CJC	REVISED -
PLOT DATE = 1/8/2020	CHECKED - BLB	REVISED -
	DATE - 8-20-19	FILE - 180815-Sht_TypSec.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
McNEAL ROAD

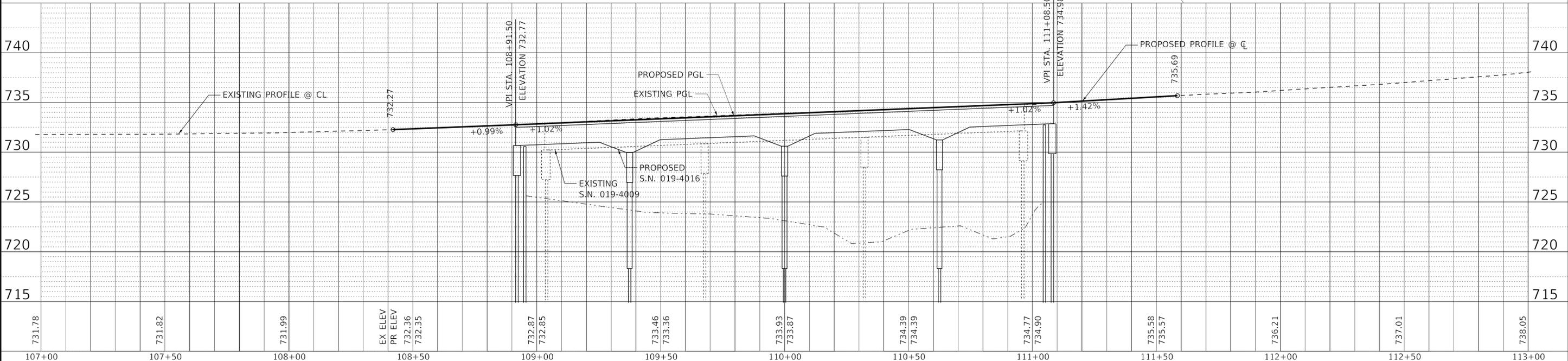
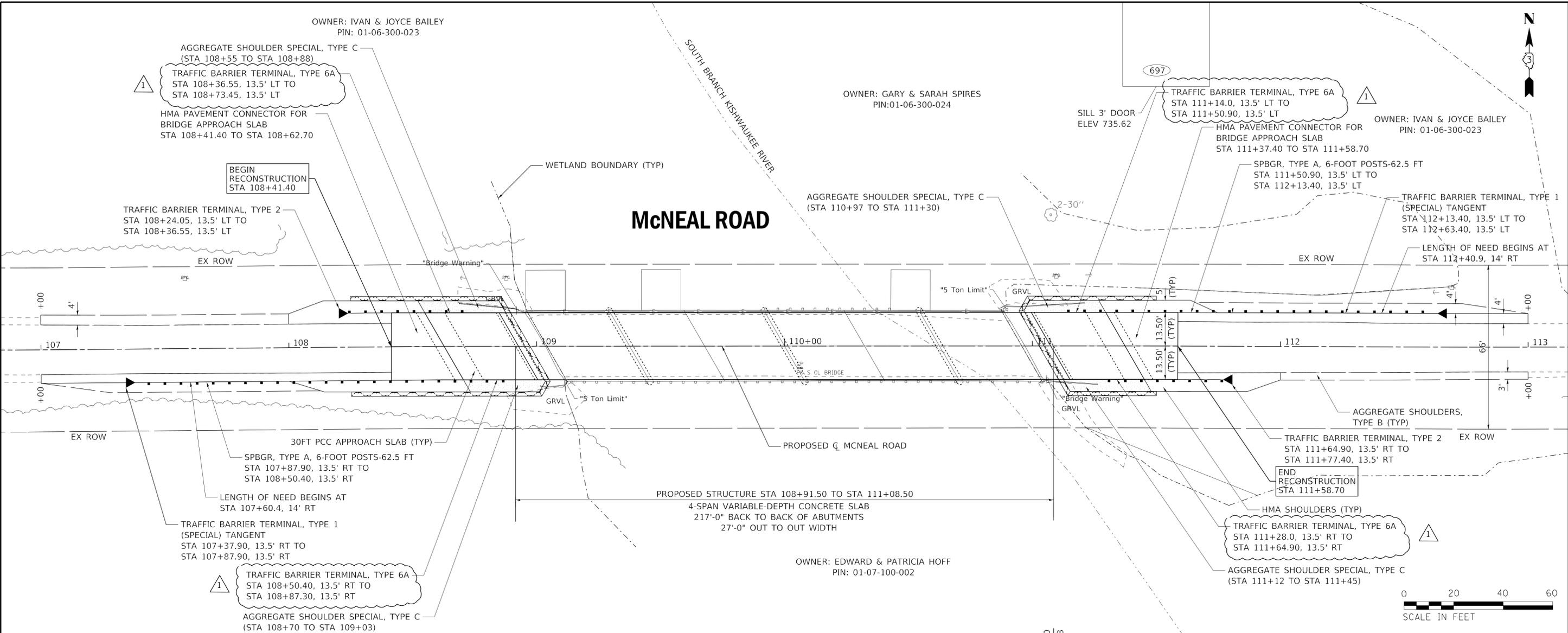
SCALE: NONE SHEET OF SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0011	13-05119-01-BR	DEKALB	43	8
CONTRACT NO. 87688				
ILLINOIS FED. AID PROJECT P4AD(126)				

DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
PLANNED	
NO.	

DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
PLANNED	
NO.	

...:\p101\dr\p101\dwg\180815-McNeal Bridge\180815-Sht_Plnprf1.dgn
 I:\Crystal Lake\DKCTH180815-McNeal Bridge\180815-Sht_Plnprf1.dgn
 ...:\p101\dr\p101\dwg\180815-McNeal Bridge\180815-Sht_Plnprf1.dgn
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 1/8/2020 4:46:48 PM
 MODEL: Default
 FILE NAME: I:\Crystal Lake\DKCTH180815-McNeal Bridge\180815-Sht_Plnprf1.dgn



USER NAME = 418cj	DESIGNED - CAC	REVISED - ADD. NO. 1/8/20
PLOT SCALE = 20.0000' / in.	DRAWN - CJC	REVISED -
PLOT DATE = 1/8/2020	CHECKED - BLB	REVISED -
	DATE - 8-20-19	FILE - 180815-Sht_Plnprf1.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
McNEAL ROAD OVER S. BR. KISHWAUKEE RIVER
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0011	13-05119-01-BR	DEKALB	43	12
CONTRACT NO. 87688				
ILLINOIS FED. AID PROJECT P4AD(126)				

