

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-6 SUMMARY OF QUANTITIES
- 7-8 TYPICAL SECTIONS
- 9-10 SCHEDULE OF QUANTITIES
- 11 ALIGNMENT, TIES AND BENCHMARKS
- 12 PLAN AND PROFILE
- 13 DETOUR PLAN
- 14 EROSION CONTROL PLAN
- 15 DRAINAGE PLAN AND PROFILE
- 16 RIGHT OF WAY PLAN
- 17 PAVEMENT MARKING PLAN
- 18-23 STRUCTURAL PLANS
- 24-25 EXISTING S.N. 047-0037 404 PERMIT CAUSEWAY/WORK PAD PLAN
- 26 EXISTING STRUCTURAL PLAN (FOR INFORMATION ONLY)
- 27 PAVEMENT ADJACENT TO BRIDGES (FOR INFORMATION ONLY)
- 28-29 DETAILS
- 30-33 CROSS SECTIONS

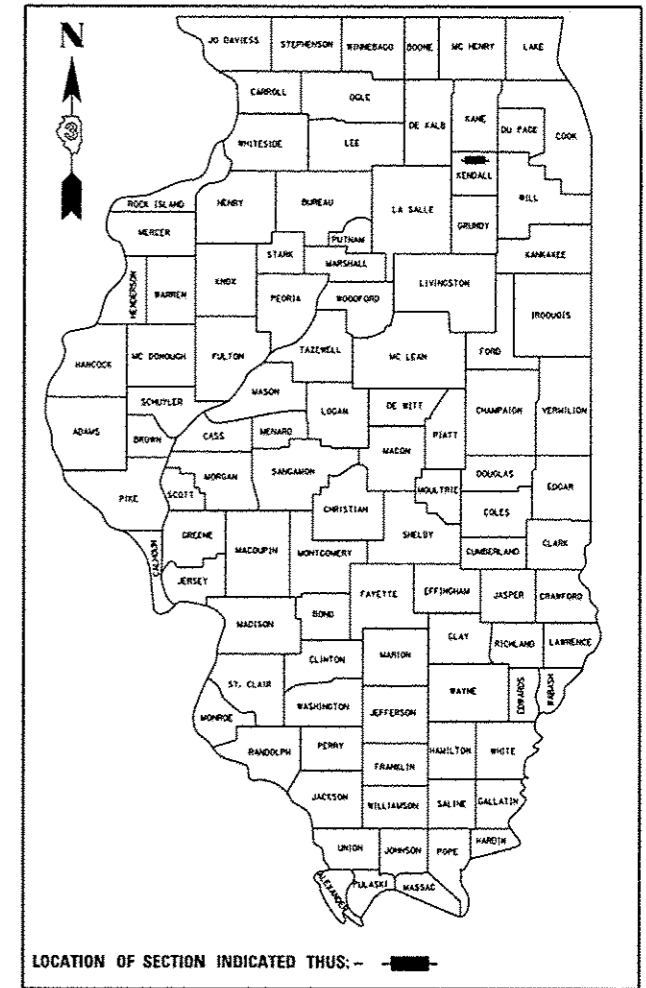
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

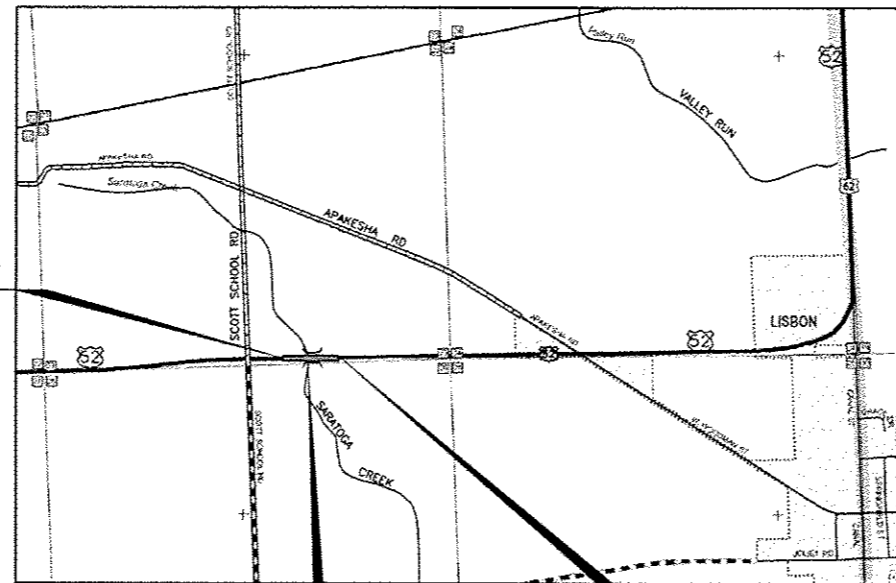
FAP ROUTE 607 (US 52)
SECTION (126)BR
STRUCTURE REPLACEMENT
KENDALL COUNTY
PROJECT NO: ACF-0607 (082)
C - 93 - 004 - 16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	(126)BR	KENDALL	33	1
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 66C62		

D - 93 - 009 - 16



BEGIN IMPROVEMENT
STA. 838 + 75



EX. S.N. 047-0037
PROP. S.N. 047-2052
STA 841 + 07
DOUBLE 10' X 6' PRE-CAST
CONCRETE BOX CULVERT

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 525.00 FT. = 0.099 MILE
NET LENGTH = 525.00 FT. = 0.099 MILE



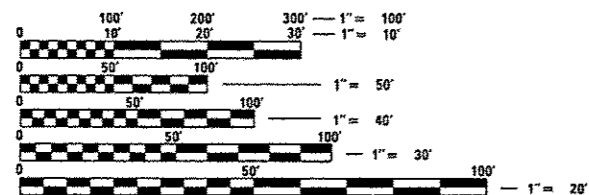
Grazyna Czyszczonek
DATE
LICENSE EXPIRES ON 11/30/2017



Syed S. Kazi
DATE
LICENSE EXPIRES ON 11/30/2016

FUNCTION CLASSIFICATION

MINOR ARTERIAL
2015 ADT = 1700
P.V. = 86.5% S.U. = 5.9% M.U. = 7.6%



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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: DAVID ALEXANDER, P.E.
UNIT CHIEF: RUTH SCHWANKE
TOWNSHIP: BIG GROVE (T35N,R6E,SEC.23,26)
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66C62

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8-9-2016
K. March
REGIONAL ENGINEER

Sept 30 2016
Muhammad M. Adnan
ENGINEER OF DESIGN AND ENVIRONMENT

Sept 30 2016
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

DELTA ENGINEERING GROUP, LLC
CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS
111 W JACKSON BLVD, SUITE 910
CHICAGO, IL 60604
T 312.377.7700, F 312.427.6145

HIGHWAY STANDARDS:

- 000001-06 STANDARDS 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
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482011-03 HMA SHOULDER STRIPS / SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 515001-03 NAME PLATE FOR BRIDGES
- 542401-02 METAL END SECTION FOR PIPE CULVERTS
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630101-09 GUARDRAIL MOUNTED ON EXISTING CULVERTS
- 630201-06 PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 666001-01 RIGHT OF WAY MARKERS
- 701001-02 OFF-ROAD OPERATION, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-05 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 725001 OBJECT AND TERMINAL MARKERS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- B.L.R. 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

14. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
HMA RESURFACING	112	LBS/SQ YD/IN
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS/SQ YD
LEVEL BINDER (MACHINE METHOD)	112	LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT)	0.05	LBS/SQ FT
SUPPLEMENTAL WATERING	3	GAL/SQ YD/ APPLICATION
CALCIUM CHLORIDE	2	LB/SQ YD/ APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

- 15. ADDITIONAL LEVELING BINDER HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16"/FT (1.5%) CROWN ON SECTIONS OF THE ROADWAY.
- 16. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: AT&T
- 17. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS:

- 1. DETOUR DATES: JUNE 15TH TO AUGUST 15TH
- 2. EQUIPMENT ON STRUCTURES WITH LEGAL LOADS:
STRUCTURE NO. 047-0037 IS RESTRICTED TO LEGAL LOADS ONLY.
IT IS POSTED FOR THE FOLLOWING MAXIMUM LIMITS OF 10 TONS AXLE/40 TONS GROSS.
- 3. THE CONSTRUCTION STAFF SHALL REVIEW ALL LOCAL ROADS WITHIN THE PROJECT VICINITY PRIOR TO AND FOLLOWING CONSTRUCTION.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION: _____

INSPECTORS: _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

REVIEWED BY: *Tom Benoit*
DISTRICT STUDIES & PLANS ENGINEER
DATE: August 9, 2016
EXAMINED BY: *Tom Benoit*
DISTRICT CONSTRUCTION ENGINEER
Tom Benoit
DISTRICT OPERATIONS ENGINEER
Tom Benoit
DISTRICT MATERIALS ENGINEER

GENERAL NOTES:

- 1. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- 2. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 3. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- 4. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- 5. FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- 6. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- 7. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- 8. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 9. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 10. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 11. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 12. PIPE CULVERT REMOVAL INCLUDES EXISTING END SECTIONS REMOVAL.

PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE

PROFILE	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE
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NO.	DATE
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NO.	DATE
NO.	DATE



DELTA ENGINEERING GROUP, LLC

USER NAME : schwanberg	DESIGNED - SA	REVISED -
PLLOT SCALE : 2.0000 1/16"	DRAWN - RM	REVISED -
PLLOT DATE : 8/5/2016	CHECKED - GC	REVISED -
	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 2
CONTRACT NO. 66C62			ILLINOIS FED. AID PROJECT	

PLAN	DATE
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S. N. 047-2052
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48	48
20200100	EARTH EXCAVATION	CU YD	735	735
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	59	59
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	59	59
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	59	59
25100630	EROSION CONTROL BLANKET	SQ YD	3162	3162
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	65	65
28000305	TEMPORARY DITCH CHECKS	FOOT	210	210
28000400	PERIMETER EROSION BARRIER	FOOT	688	688
28000500	INLET AND PIPE PROTECTION	EACH	2	2
28100107	STONE RIPRAP, CLASS A4	SQ YD	152	152
28200200	FILTER FABRIC	SQ YD	152	152
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	211	211

* SPECIALTY ITEMS



USER NAME = schwanberg	DESIGNED - SA	REVISED -
PLLOT SCALE = 2.0000' / 1" in.	DRAWN - RM	REVISED -
PLLOT DATE = 8/5/2016	CHECKED - GC	REVISED -
	DATE = 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE	SHEET 1 OF 4 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	3
			CONTRACT NO. 66C62	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	RECALC	
	SUM. ADDED	
	STRUCTURE NOTINGS	
	CPRO	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	RECALC	
	SUM. ADDED	
	STRUCTURE NOTINGS	
	CPRO	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S. N. 047-2052
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	197	197
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	109	109
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	55	55
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	0.4	0.4
40600627	LEVELING BINDER (MACHINE METHOD), 1L-9.5FG, N50	TON	72	72
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	118	118
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	988	988
44000100	PAVEMENT REMOVAL	SO YD	36	36
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	1208	1208
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	164	164
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	496	496
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	49	49
50200100	STRUCTURE EXCAVATION	CU YD	293	293

* SPECIALTY ITEMS



USER NAME	DESIGNED	REVISIONS
5 rmanuod	- SA	-
DESIGNED	DRAWN	REVISIONS
- RM	- CC	-
CHECKED	DATE	REVISIONS
-	- 7/26/2016	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	4
CONTRACT NO. 66C62			ILLINOIS FED. AID PROJECT	

PLAN	DATE
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DESIGNED	
DRAWN	
CHECKED	
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DESIGNED	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S. N. 047-2052
50800105	REINFORCEMENT BARS	POUND	11820	11820
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	60	60
51500100	NAME PLATES	EACH	1	1
54003000	CONCRETE BOX CULVERTS	CU YD	64	64
54011006	PRECAST CONCRETE BOX CULVERTS 10' x 6'	FOOT	58.33	58.33
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	97	97
54215553	METAL END SECTIONS 18"	EACH	4	4
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	275.0	275.0
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	46.0	46.0
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	385.0	385.0
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	8	8
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1	1

* SPECIALTY ITEMS

144



USER NAME : rmmwood	DESIGNED - SA	REVISED -
PLLOT SCALE : 2.0000 1/16"	DRAWN - RM	REVISED -
PLLOT DATE : 7/27/2016	CHECKED - CC	REVISED -
	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE	SHEET 3 OF 4 SHEETS	STA. TO STA.	F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 5
						CONTRACT NO. 66C62	
ILLINOIS FED. AID PROJECT							

0303 07 2016

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DATE	
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PROJECT	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S. N. 047-2052
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1396	1396
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	218	218
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2792	2792
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	436	436
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	8	8
* 78200005	GUARDRAIL <i>REFLECTORS, TYPE A</i>	EACH	8	8
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4	4
X0327726	MEMBRANE WATERPROOFING FOR CULVERTS	SO YD	203	203
X2010400	STUMP REMOVAL ONLY	UNIT	54	54
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	215	215
Z0004552	APPROACH SLAB REMOVAL	SO YD	102	102
Z0016702	DETOUR SIGNING	L SUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	42	42

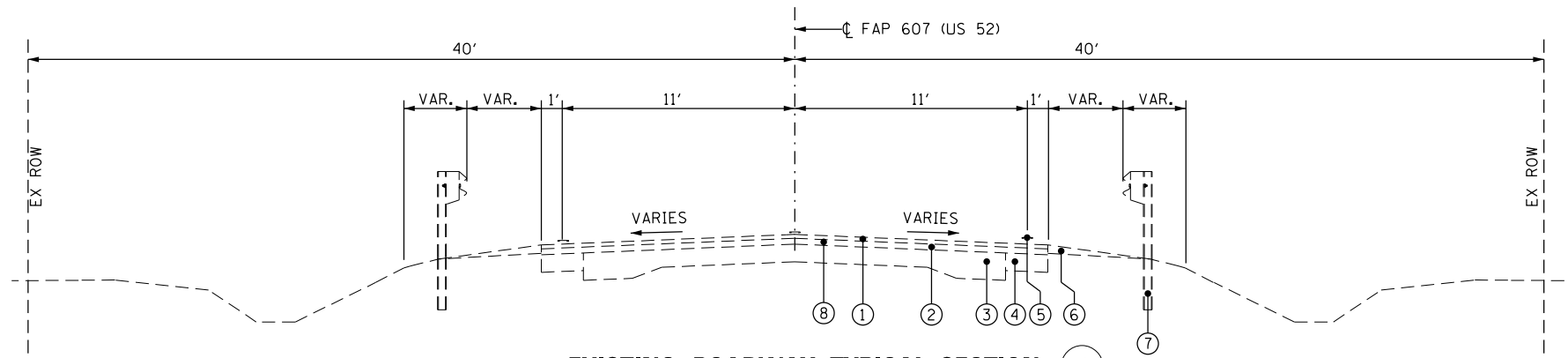
16

* SPECIALTY ITEMS

Rev.

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EXISTING ROADWAY TYPICAL SECTION 1

FROM STA 838+75 TO STA 840+77
FROM STA 841+37 TO STA 844+00

LEGEND:

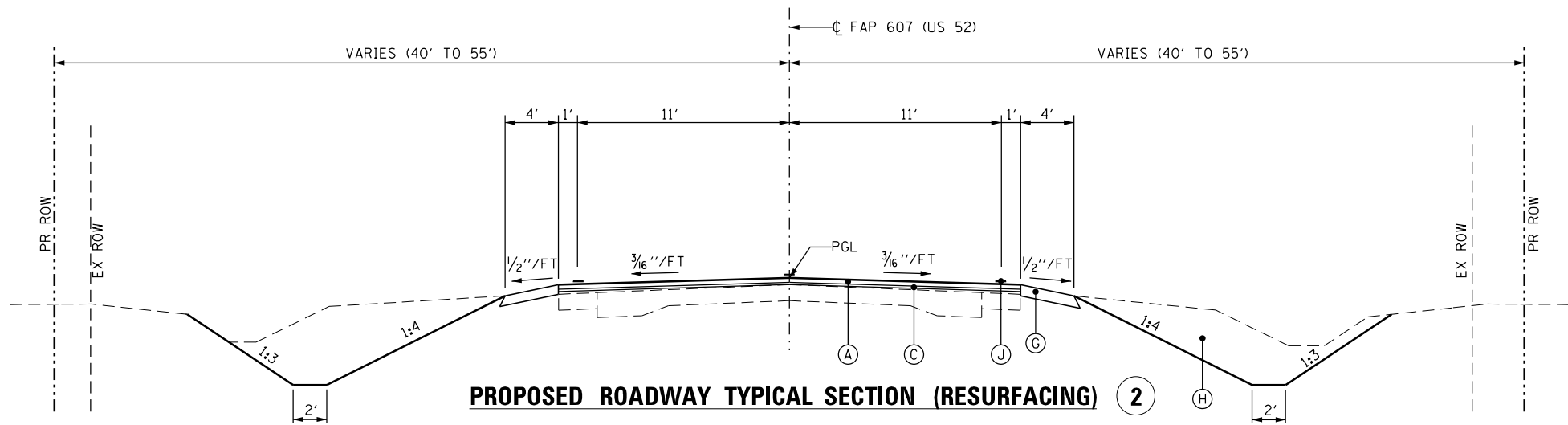
EXISTING

- ① EXISTING HOT-MIX ASPHALT SURFACE CSE, 1 1/2"
- ② EXISTING HOT MIX ASPHALT BINDER CSE, 3/4" TO 1 1/2"
- ③ EXISTING PCC PAVEMENT
- ④ EXISTING BITUMINOUS BASE COURSE
- ⑤ EXISTING PAVEMENT MARKING
- ⑥ EXISTING AGGREGATE WEDGE SHOULDER
- ⑦ EXISTING STEEL PLATE BEAM GUARD RAIL (SEE PLAN FOR LOCATIONS)
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

PROPOSED

- Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"
- Ⓑ PROPOSED POROUS GRANULAR EMBANKMENT (COST INCLUDED IN PRECAST CONCRETE BOX CULVERT PAY ITEM)
- Ⓒ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50, VARIABLE DEPTH (•)
- Ⓓ PROPOSED HOT-MIX ASPHALT BASE COURSE 8"
- Ⓔ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- Ⓕ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- Ⓖ PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- Ⓗ PROPOSED EARTH EXCAVATION
- Ⓘ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT. POSTS
- ⓵ PAINT PAVEMENT MARKING, SEE DETAIL SHEET NO. 28
- Ⓚ PROPOSED PRECAST CONCRETE DOUBLE BOX CULVERTS 10'x6' (M273)

(•) ADDITIONAL LEVELING BINDER HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16"/FT (1.5%) CROWN ON SECTIONS OF THE ROADWAY.

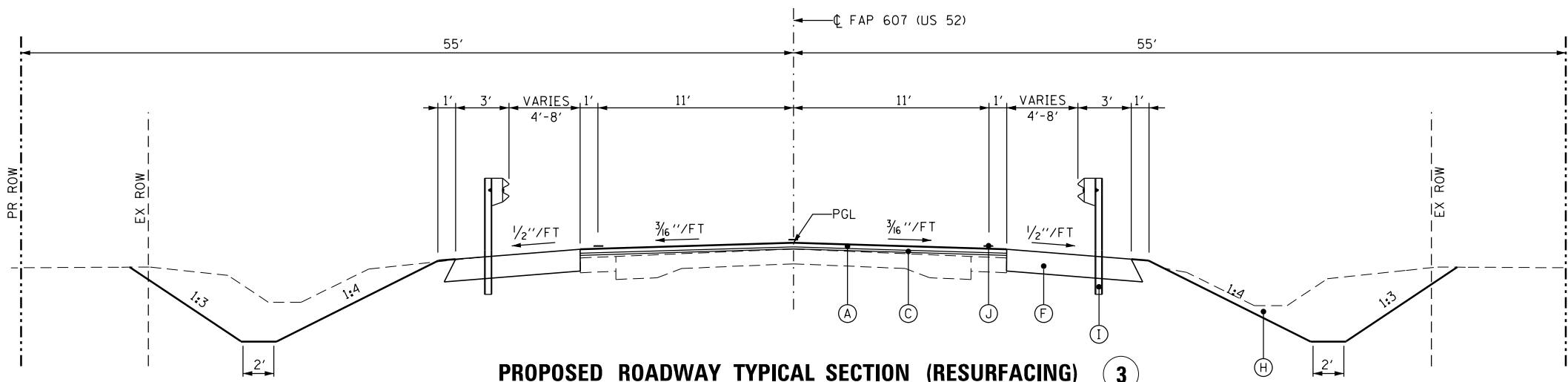


PROPOSED ROADWAY TYPICAL SECTION (RESURFACING) 2

NORTH OF C/L - FROM STA 838+75 TO STA 839+79.60 AND FROM STA 842+72.20 TO STA 844+00
SOUTH OF C/L - FROM STA 838+75 TO STA 839+41.50 AND FROM STA 842+34.40 TO STA 844+00

BITUMINOUS MIXTURE REQUIREMENTS

PAY ITEM	HMA BASE COURSE	HMA LEVEL BINDER	HMA SURFACE	HMA SHOULDERS (TOP 2")	HMA SHOULDERS (BOTTOM 6")
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5FG	IL 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE	-	-	MIXTURE C	MIXTURE C	-
DENSITY TEST METHOD	CORES	GROWTH CURVE	CORES	CORES	CORES
MIXTURE WEIGHT	112#/SQ YD/IN	112#/SQ YD/IN	112#/SQ YD/IN	112#/SQ YD/IN	112#/SQ YD/IN
QUALITY MANAGEMENT PROG	QC/OA	QC/OA	QC/OA	QC/OA	QC/OA
SUBLOT SIZE	N/A	N/A	N/A	N/A	N/A
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT



PROPOSED ROADWAY TYPICAL SECTION (RESURFACING) 3

NORTH OF C/L - FROM STA 839+79.60 TO STA 840+71.00 AND FROM STA 841+43.00 TO STA 842+72.20
SOUTH OF C/L - FROM STA 839+41.50 TO STA 840+71.00 AND FROM STA 841+43.00 TO STA 842+34.40



USER NAME = schwankeg	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 8.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 8/4/2016	DATE = 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

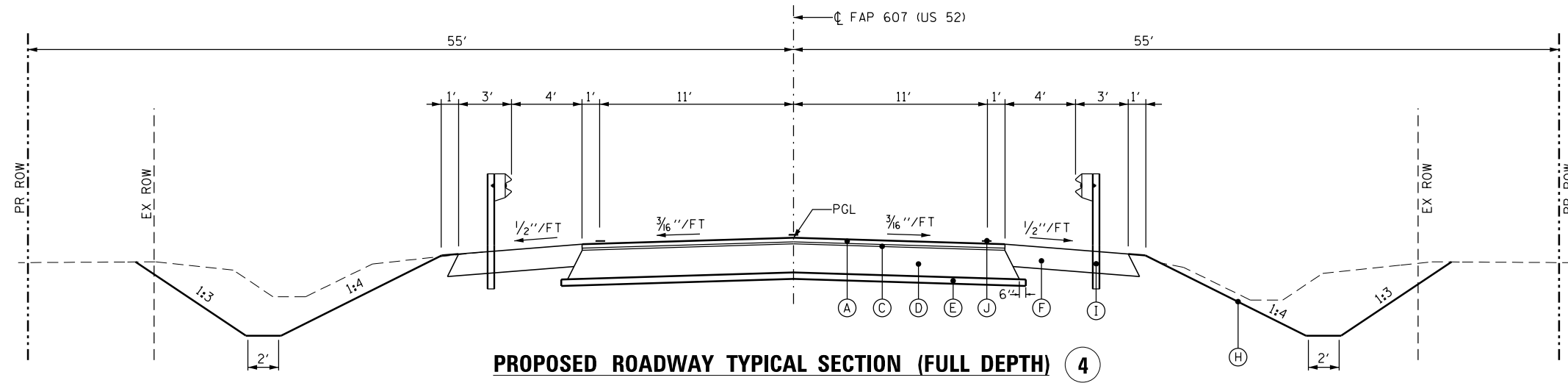
TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	7
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

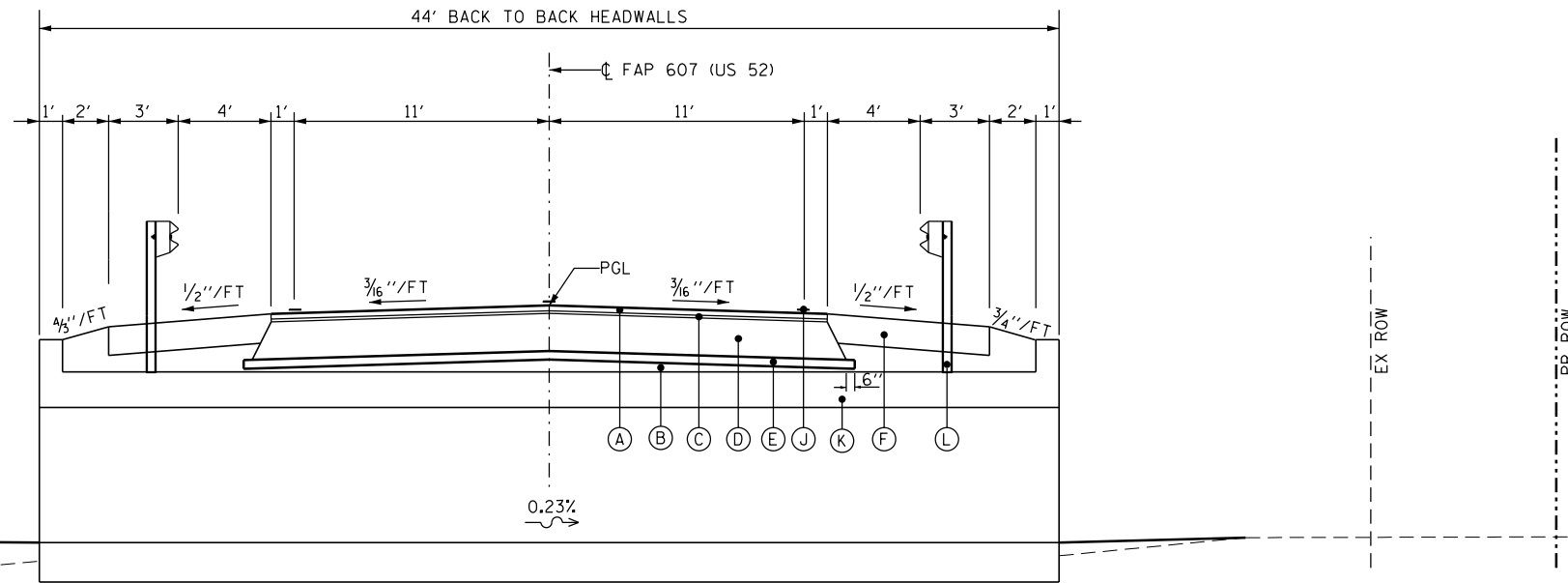
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	



PROPOSED ROADWAY TYPICAL SECTION (FULL DEPTH) 4

FROM STA 840+71.00 TO STA 840+95.21
AND
STA 841+18.79 TO STA 841+43



PROPOSED ROADWAY TYPICAL SECTION AT CULVERT 5

FROM STA 840+95.21 TO STA 841+18.79

LEGEND:

PROPOSED

- (A) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"
- (B) PROPOSED POROUS GRANULAR EMBANKMENT (COST INCLUDED IN PRECAST CONCRETE BOX CULVERT PAY ITEM)
- (C) PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG N50, 3/4" (OVER HMA BASE)
- (D) PROPOSED HOT-MIX ASPHALT BASE COURSE 8"
- (E) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (F) PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- (G) PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- (H) PROPOSED EARTH EXCAVATION
- (I) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT. POSTS
- (J) PAINT PAVEMENT MARKING, SEE DETAIL SHEET NO. 28
- (K) PROPOSED PRECAST CONCRETE DOUBLE BOX CULVERTS 10'x6' (M273)
- (L) PROPOSED STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES

NOTE:

1. FOR BITUMINOUS MIXTURE REQUIREMENTS, SEE SHEET NO. 7.
2. FOR BOX CULVERT DETAILS, SEE SHEET NO. 18 THRU 22.



USER NAME = schwankeg	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 8.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 8/4/2016	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	8
				CONTRACT NO. 66C62
ILLINOIS FED. AID PROJECT				

DATE	
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DATE	
DESCRIPTION	

TREE REMOVAL

LOCATION		TREE REMOVAL (OVER 15 UNITS DIAMETER)	STUMP REMOVAL ONLY
STA., OFFSET	SIDE	(UNIT)	(UNIT)
841+30.5, 25.5'	RT		34
843+29, 37.5'	RT	24	
843+32, 32'	RT	24	
843+41, 33'	LT		20
TOTAL		48	54

SHOULDERS SCHEDULE

LOCATION				AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 8"
STATION	TO	STATION	SIDE	(SQ YD)	(SQ YD)
838+75	TO	839+41.50	RT	30	
838+75	TO	839+79.60	LT	46	
839+41.50	TO	842+34.40	RT		248
839+79.60	TO	842+72.20	LT		248
842+77	TO	844+00	RT	55	
843+27.80	TO	844+00	LT	33	
TOTAL				164	496

GUARDRAIL SCHEDULE

LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) FLARED	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
STATION	TO	STATION	SIDE	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
840+08	TO	840+95.50	RT	87.5		1	2	1
840+95.50	TO	841+18.50	RT		23.0			
841+18.50	TO	841+68.50	RT	50.0		1	2	1
840+45.50	TO	840+95.50	LT	50.0		1	2	1
840+95.50	TO	841+18.50	LT		23.0			
841+18.50	TO	842+06	LT	87.5		1	2	1
TOTAL				275.0	46.0	4	8	4

EARTHWORK

LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANK- MENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
STATION	TO	STATION	(CU YD)	(CU YD)	(CU YD)
838+75.00	TO	840+95.21	180	135	375
840+95.21	TO	841+18.79	BOX CULVERT		
841+18.79	TO	844+00.00	555	415	75
TOTAL			735	550	450

PAVEMENT REMOVAL SCHEDULE

LOCATION			HMA SURFACE REMOVAL, 2 1/4"	PAVEMENT REMOVAL	APPROACH SLAB REMOVAL
STATION	TO	STATION	(SQ YD)	(SQ YD)	(SQ YD)
838+75	TO	840+71	523		
840+71	TO	840+77.83		18	
840+77.83	TO	840+97			51
841+17	TO	841+36.17			51
841+36.17	TO	841+43		18	
841+43	TO	844+00	685		
TOTAL			1,208	36	102

FIELD ENTRANCE SCHEDULE

LOCATION		AREA	VOLUME	AGGREGATE SURFACE COURSE, TYPE B, 8"	AGGREGATE FOR TEMPORARY ACCESS
STATION	SIDE	(SQ FT)	(CU YD)	(TON)	(TON)
842+50	RT	1056	26	54	27
843+00	LT	1075	27	55	28
TOTAL		2,131	53	109	55

PAVEMENT SCHEDULE

LOCATION			SUB-BASE GRANULAR MATERIAL, TYPE A 4"	HOT-MIX ASPHALT BASE COURSE, 8"	HMA SURFACE COURSE, MIX C, N50	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	MIXTURES FOR CRACKS JOINTS AND FLANGWAYS
STATION	TO	STATION	(SQ YD)	(SQ YD)	(TON)	(POUND)	(TON)	(TON)
838+75	TO	840+71			44	353	33	0.2
840+71	TO	841+43	211	197	16	173	8	
841+43	TO	844+00			58	463	31	0.2
TOTAL			211	197	118	988	72	0.4

GUARDRAIL REMOVAL SCHEDULE

LOCATION				GUARDRAIL REMOVAL
STATION	TO	STATION	SIDE	(FOOT)
839+95	TO	840+97.50	LT	102.5
841+17	TO	842+18.50	LT	101.5
840+06.50	TO	840+97.50	RT	91.0
841+17.00	TO	842+07	RT	90.0
TOTAL				385.0

RIGHT OF WAY MARKERS SCHEDULE

LOCATION		FURNISHING AND ERECTING RIGHT OF WAY MARKERS
STA., OFFSET	SIDE	(EACH)
838+75, 40'	LT	1
838+75, 40'	RT	1
839+25, 55'	RT	1
839+75, 55'	LT	1
843+00, 55'	RT	1
843+50, 55'	LT	1
844+00, 40'	LT	1
844+00, 40'	RT	1
TOTAL		8



USER NAME: rmemucad	DESIGNED: SA	REVISED: -
DRAWN: RM	REVISIONS: -	
CHECKED: CC	REVISIONS: -	
DATE: 7/26/2016	REVISIONS: -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 1261BR	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 9
CONTRACT NO. 66C62			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

LOCATION				PAINT PAVEMENT MARKING-LINE 4"	PAINT PAVEMENT MARKING-LINE 4"	PAINT PAVEMENT MARKING-LINE 6"	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	TEMPORARY PAVEMENT MARKING, LINE 4"	TEMPORARY PAVEMENT MARKING, LINE 4"	TEMPORARY PAVEMENT MARKING, LINE 6"
STATION	TO	STATION	SIDE	SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP DASH, (FOOT)	TWO WAY AMBER (EACH)	(EACH)	SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP DASH, (FOOT)
838+75	TO	844+00	LT	1,050					525		
838+75	TO	844+00	RT	1,050					525		
838+75	TO	84221	CL		692	173				346	87
838+75	TO	844+00	CL			263	8	4			131
SUBTOTAL				2,100	692	436	8	4	1,050	346	218
TOTAL				2,792		436	8	4	1,396		218

DRAINAGE SCHEDULE

LOCATION				STONE RIPRAP, CLASS A4	FILTER FABRIC	PIPE CULVERT REMOVAL	PIPE CULVERT CLASS D, TYPE 1 18"	METAL END SECTIONS, 18"
STATION	TO	STATION	SIDE	(SQ YD)	(SQ YD)	(FOOT)	(FOOT)	(EACH)
841+27.5	TO	841+50	LT	9.3	9.3			
841+27.5	TO	841+50	RT	10.2	10.2			
842+33	TO	842+58	LT			25		
842+38	TO	842+62	RT			24		
842+72	TO	843+26	LT				53	
842+28	TO	842+72	RT				44	
842+72			LT					1
843+26			LT					1
842+28			RT					1
842+72			RT					1
TOTAL				20	20	49	97	4

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION CONTROL BARRIER	INLET AND PIPE PROTECTION
STATION	TO	STATION	SIDE	(ACRE)	(POUND)	(POUND)	(POUND)	(SQ YD)	(POUND)	(FOOT)	(FOOT)	(EACH)
838+75	TO	841+07	LT	0.15	13.8	13.8	13.8	740	15.3	50	128	
838+75	TO	841+07	RT	0.16	14.6	14.6	14.6	786	16.2	50	126	
841+07	TO	844+00	RT	0.16	14.8	14.8	14.8	797	16.5	50	206	
841+07	TO	844+00	LT	0.17	15.6	15.6	15.6	838	17.3	60	228	
843+26			LT									1
842+72			RT									1
TOTAL				0.75	59	59	59	3162	65	210	688	2

TEMPORARY INFORMATION SIGNING SCHEDULE

LOCATION		TEMPORARY INFORMATION SIGNING
	SIDE	(SQ FT)
LOCATION 1	RT	21
LOCATION 2	RT	21
TOTAL		42

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



USER NAME = rmanucod	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 7/27/2016	DATE - 7/26/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	10
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

BENCHMARK #1

TOP OF ROW MARKER S.W. QUADRANT ROUTE 52, STA. 832+60.7, 40.11' RT, EL. 699.88

BENCHMARK #4

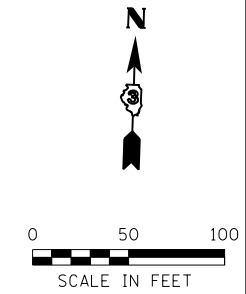
CHISELED "□" S.E. WINGWALL, STA. 841+17.79, 22.09' RT, EL. 689.41

CP 52520

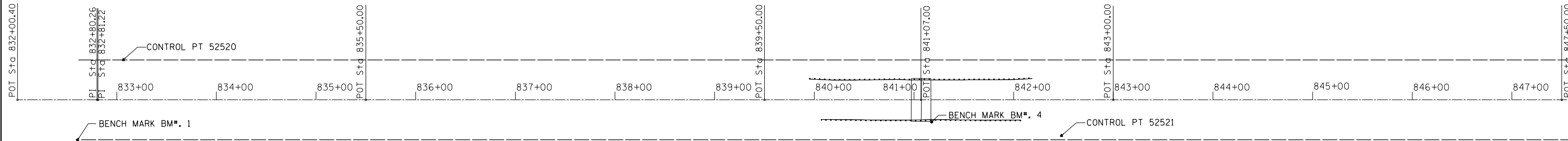
SPIKE IN N.E. QUADRANT ROUTE 52, STA. 833+06.73, 40.16' LT, EL. 701.90

CP 52521

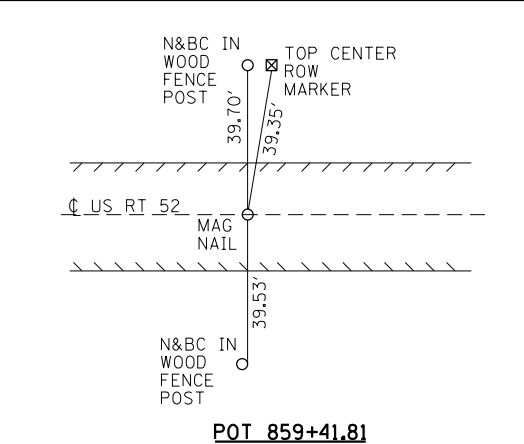
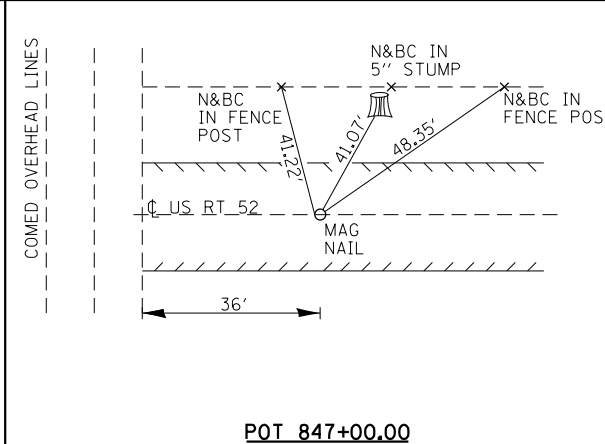
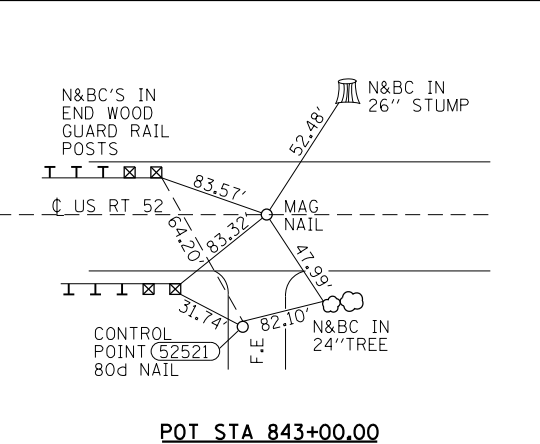
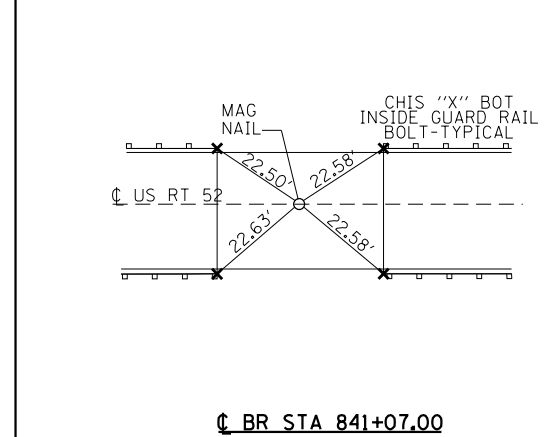
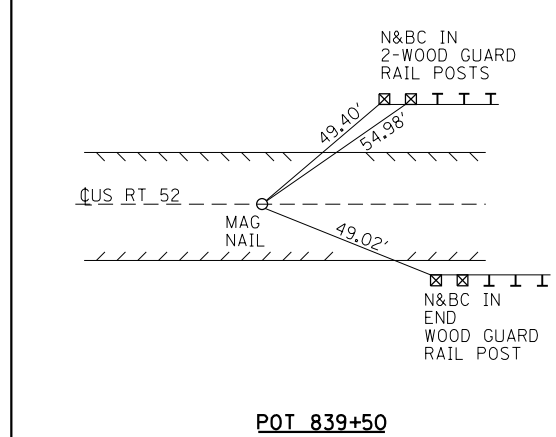
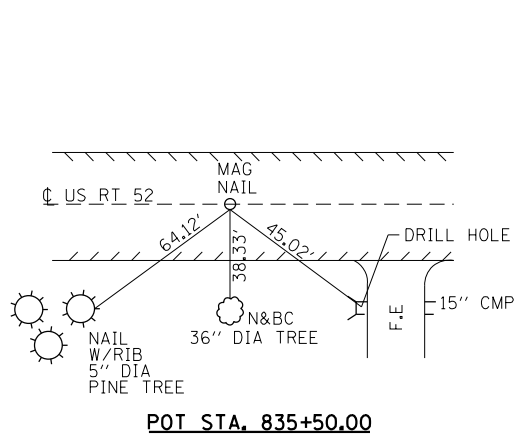
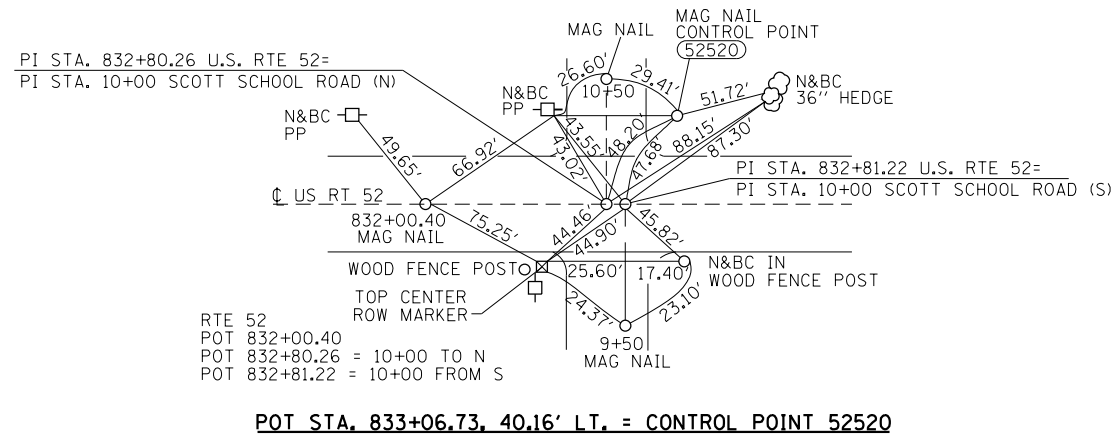
SPIKE IN S.E. QUADRANT ROUTE 52, STA. 842+47.98, 35.85' RT, EL. 689.69



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT	
	CHECKED	
	FILE NAME	



PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	



POT STATION	NORTHING	EASTING
STA 832+00.40	1755794.8170	935347.4004
STA 832+80.26	1755794.5826	935427.2625
STA 832+81.22	1755794.5798	935428.2151
STA 835+50.00	1755793.7911	935696.9989
STA 839+50.00	1755792.6173	936096.9972
STA 841+07.00	1755792.1565	936253.9965
STA 843+00.00	1755791.5902	936446.9957
STA 847+50.00	1755790.2696	936896.9937



USER NAME = rmanucod	DESIGNED - SA	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - RM	REVISED -
PLOT DATE = 7/27/2016	CHECKED - GC	REVISED -
	DATE = 7/26/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

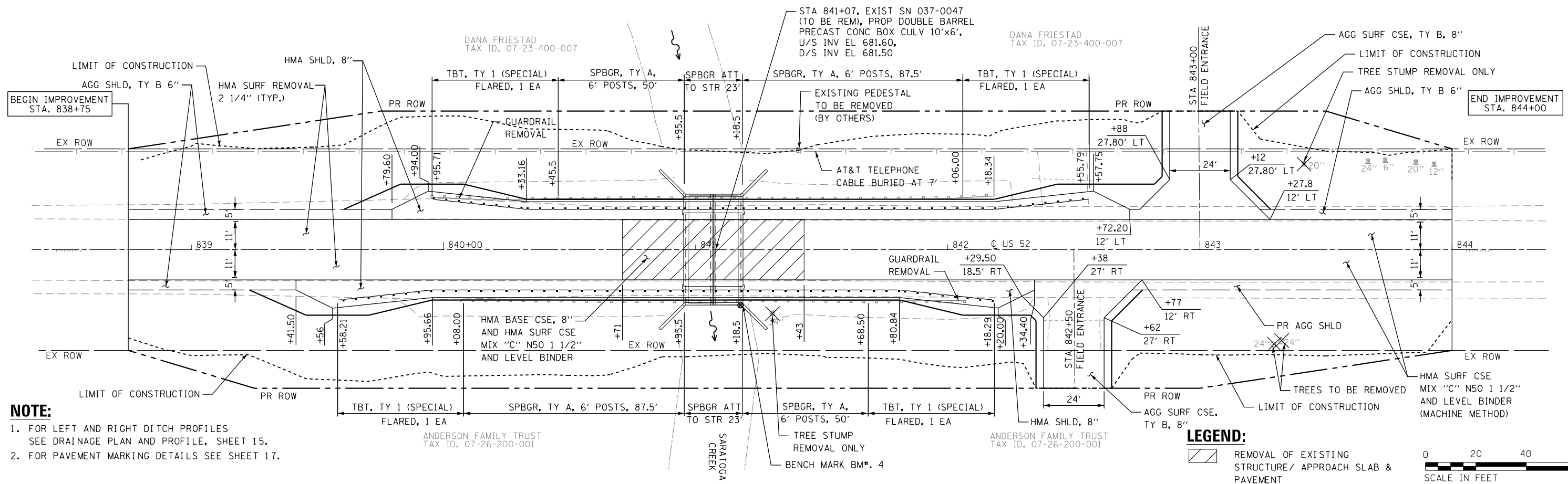
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F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 11
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

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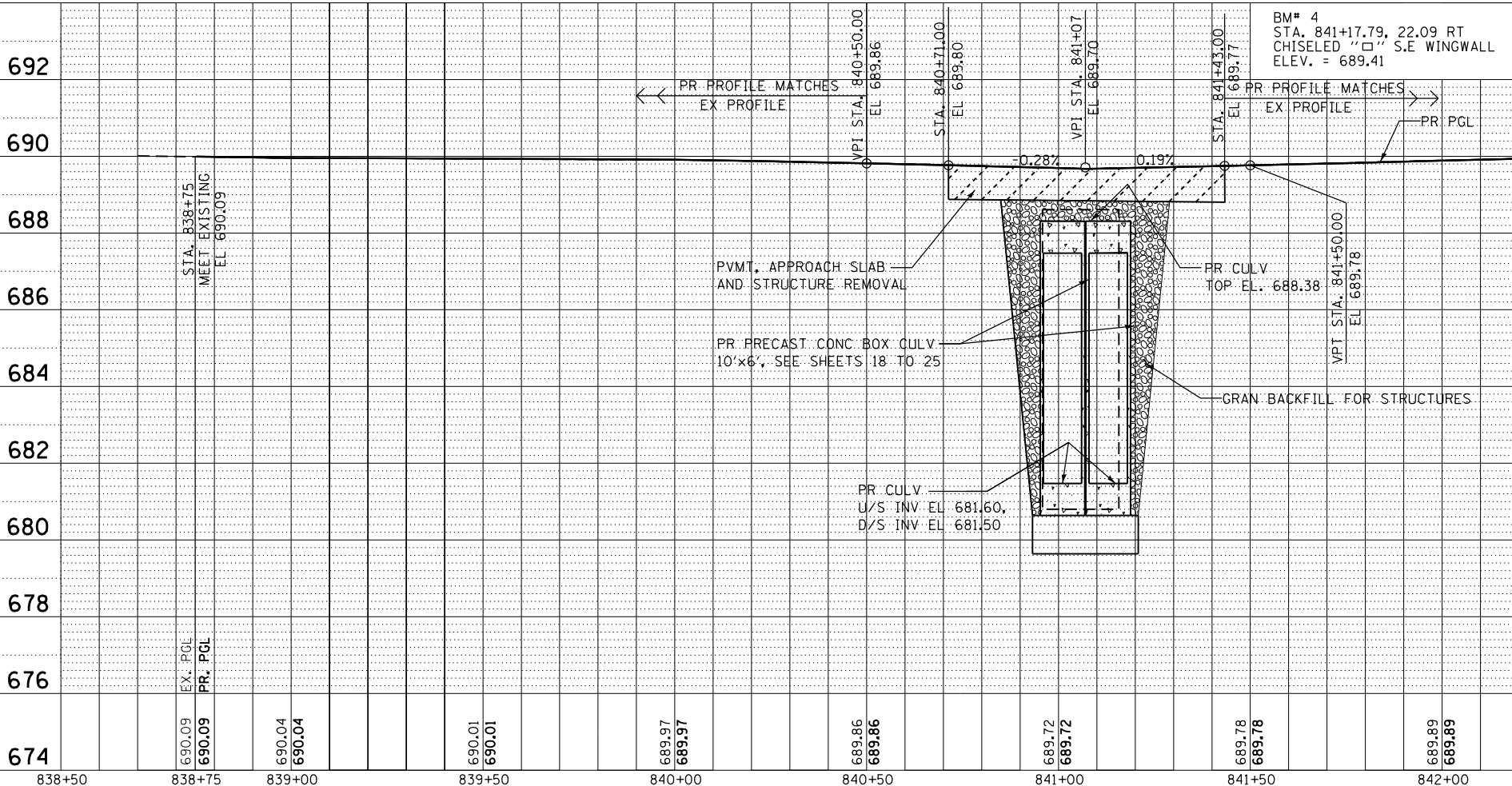
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		



NOTE:
 1. FOR LEFT AND RIGHT DITCH PROFILES SEE DRAINAGE PLAN AND PROFILE, SHEET 15.
 2. FOR PAVEMENT MARKING DETAILS SEE SHEET 17.

LEGEND:
 REMOVAL OF EXISTING STRUCTURE/ APPROACH SLAB & PAVEMENT

0 20 40 60
 SCALE IN FEET

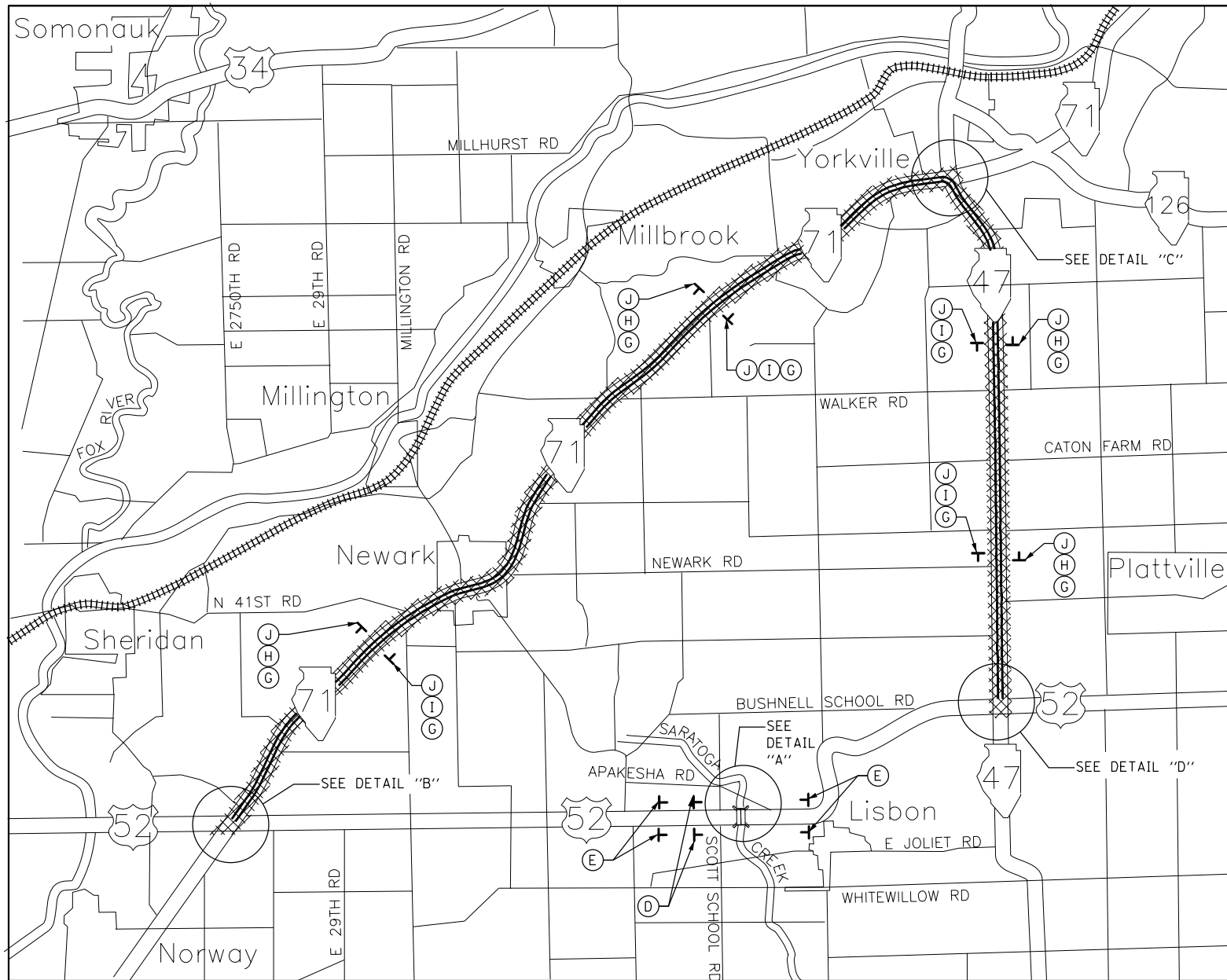


STATION	SIZE (SPAN x HEIGHT)	SKEW	DESIGN FILL (FT.)		PGE BACKFILL REQUIRED
			EDGE OF SHDLR. (MINIMUM)	MAXIMUM	
841+07.00	10' x 6'	0	1.0'	1.43'	YES

DELTA ENGINEERING GROUP, LLC FILE NAME = G:\PL010101E W01 66C62 Culvert Design STR & RDWY\00Sheet Files\12.0366C62-shr-plnpr.f.dgn	USER NAME = rmanucod	DESIGNED - SA	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE		F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 12
	PLOT SCALE = 48.0000' / in.	CHECKED - GC	REVISD -		SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. 838+75.00 TO STA. 844+00.00	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 7/27/2016	DATE = 7/26/2016	REVISD -						CONTRACT NO. 66C62		

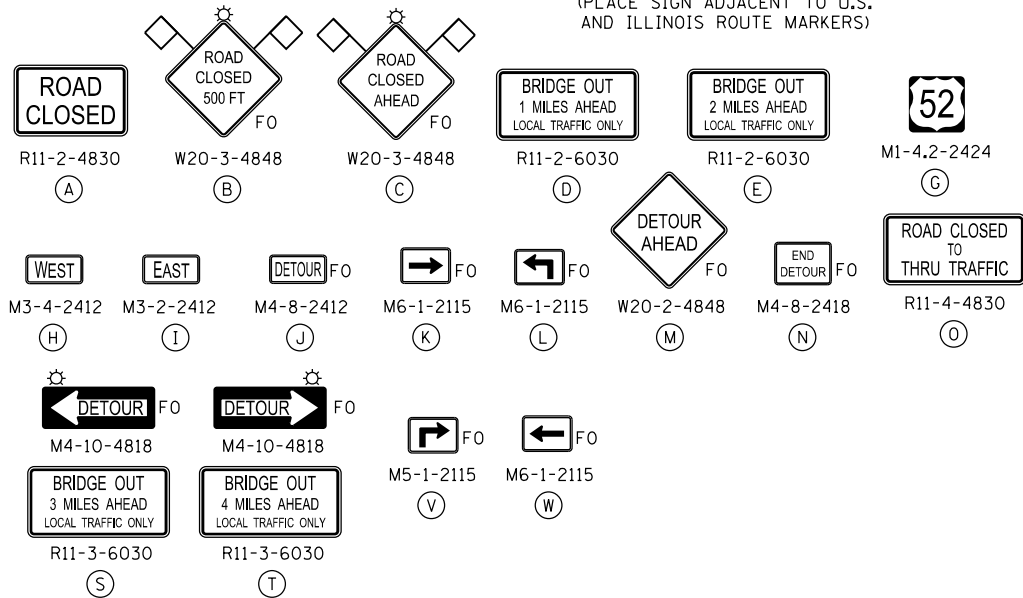
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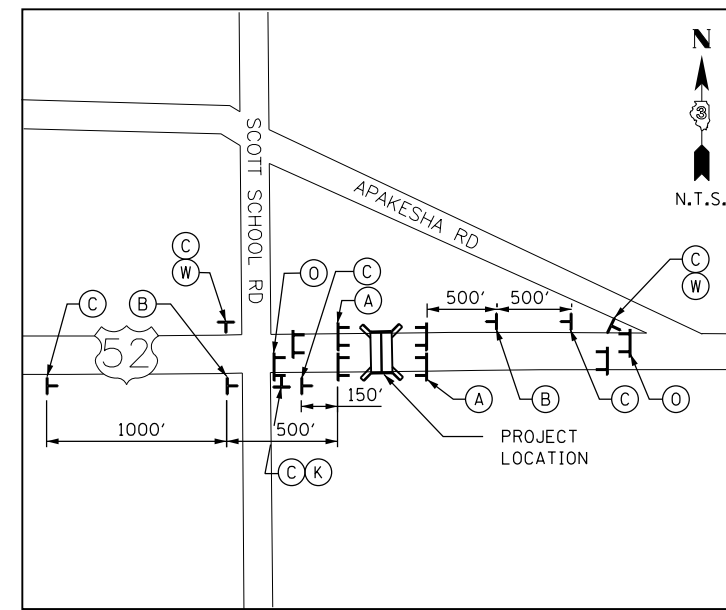
DETOUR MAP

(PLACE SIGN ADJACENT TO U.S. AND ILLINOIS ROUTE MARKERS)

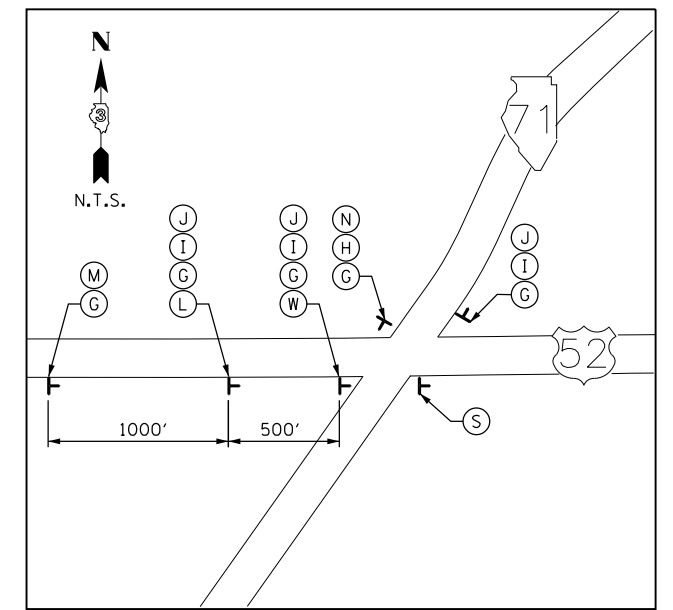


LEGEND:

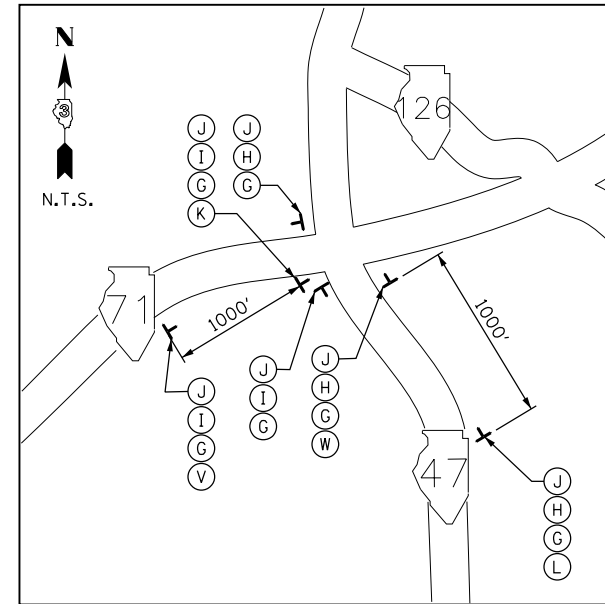
- ▬ TYPE III BARRICADES CONFORMING TO STD. 701901 WITH 2 FLASHING LIGHTS PER BARRICADE
- ⊥ SIGNS ON PERMANENT SUPPORTS
- ⊙ FLASHING LIGHT ABOVE SIGN
- ◇ 18"x18" ORANGE FLAG
- ▬▬▬▬ DETOUR ROUTE
- FO FLUORESCENT ORANGE



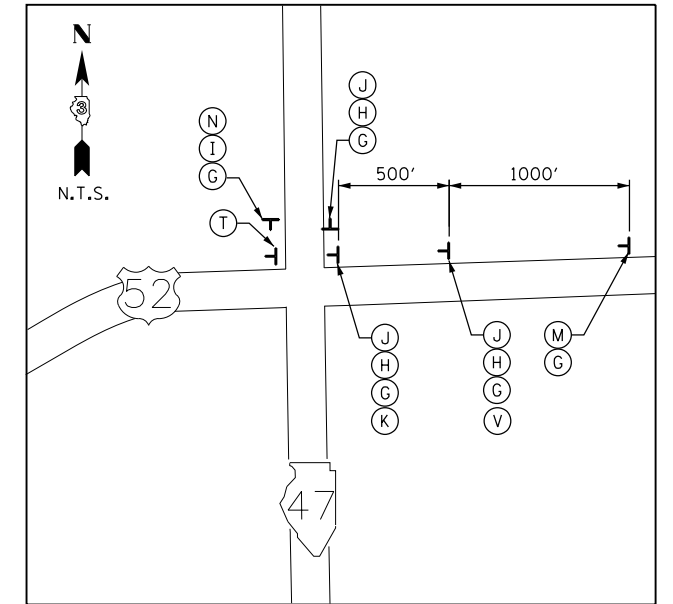
PROJECT LOCATION VICINITY (DETAIL "A")



IL 71 / US 52 INTERSECTION (DETAIL "B")



VILLAGE OF YORKVILLE INTERSECTION (DETAIL "C")



IL 47 / US 52 INTERSECTION (DETAIL "D")

NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED, UNLESS OTHERWISE NOTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. WORK SHALL BE DONE IN ACCORDANCE WITH BLR 22, EXCEPT THAT ALL WARNING SIGNS SHALL BE 48"x48".
5. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, THE HIGHWAY STANDARDS AND SPECIAL PROVISIONS.
6. COVER ANY SIGNS DENOTING WEST US ROUTE 52 WITHIN A MILE RADIUS OF THE INTERSECTION BETWEEN IL ROUTE 47 AND US ROUTE 52.
7. COVER OR REMOVE ANY EXISTING CONFLICTING DESTINATION SIGNS (NOTE: NO DRILLING OR TAPE WILL BE ALLOWED ON THE SIGN FACE).
8. CONFIRMATION SIGNS J/H/G AND J/I/G NEED TO BE PLACED ADJACENT TO EXISTING ROUTE MARKERS ON IL 47 AND ON IL 71.
9. IL 47 IS UNDER CONSTRUCTION FROM US 52 TO CATON FARM ROAD, THEREFORE, THE PLACEMENT OF DETOUR SIGNS NEEDS TO BE COORDINATED WITH THAT CONTRACT AND CONTRACTOR.
10. DETOUR COORDINATION MAY BE REQUIRED WITH THE PROJECT TO REPLACE 3 STRUCTURES ON US 52 JUST EAST OF IL 71, SEE SPECIAL PROVISIONS.



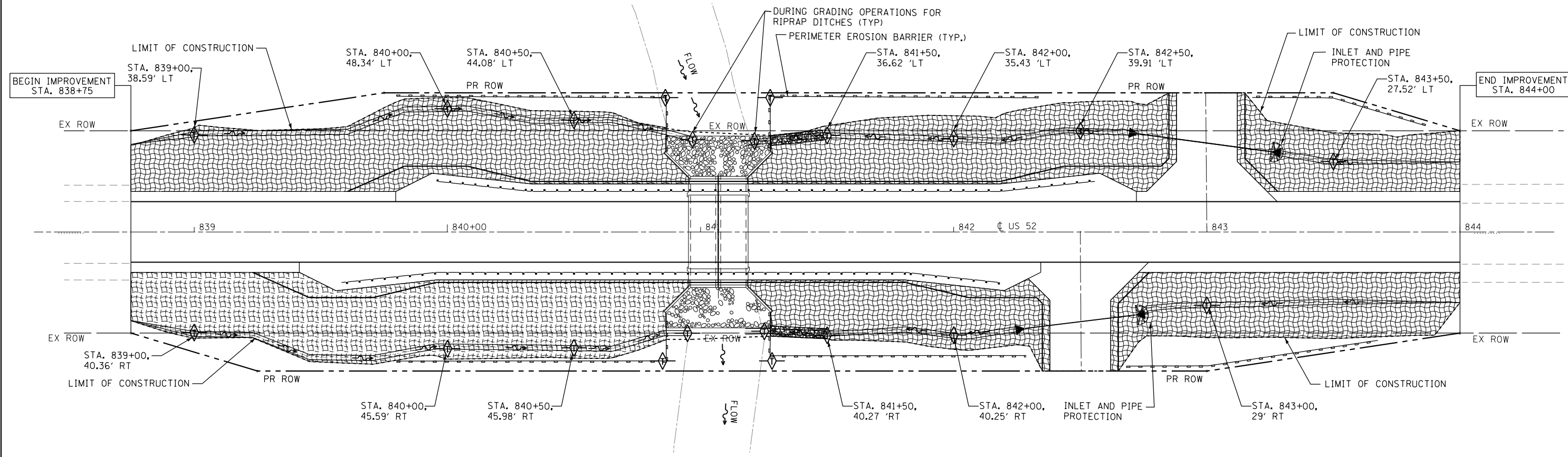
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	DRAWN - RM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 7/27/2016	DATE = 7/26/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN

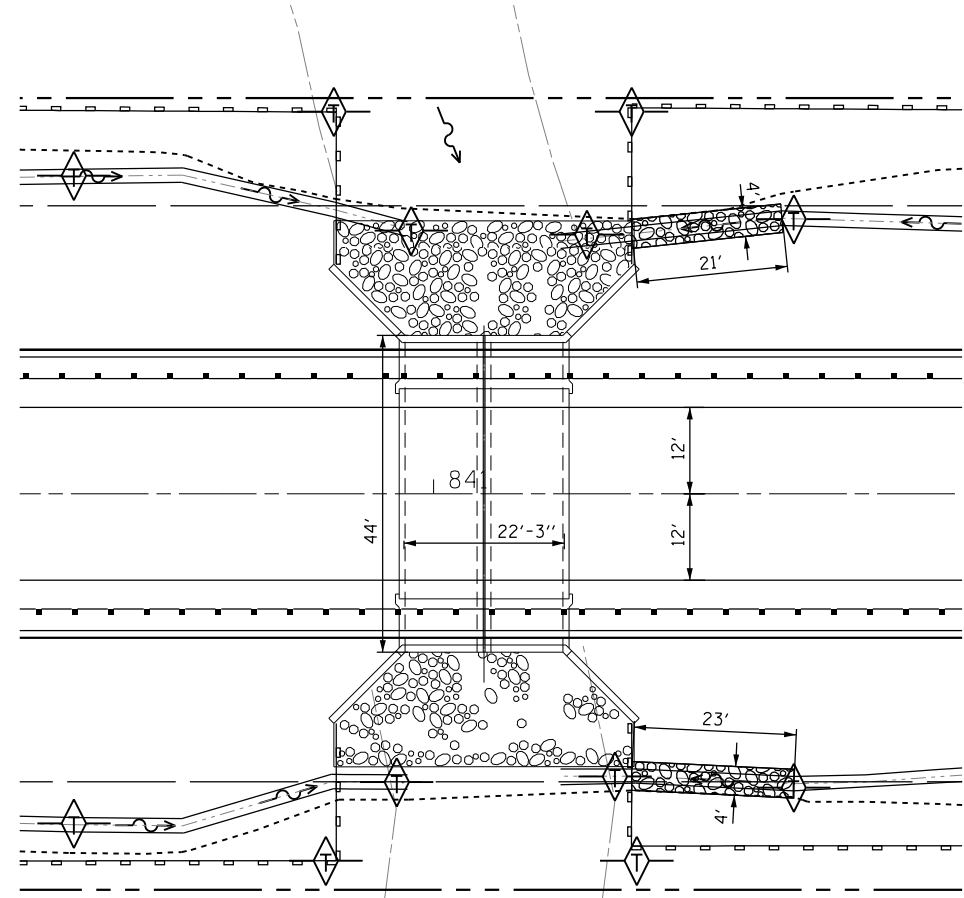
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	13
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	



LEGEND:

	PROPOSED DITCH
	END SECTION
	TEMPORARY DITCH CHECK
	STONE RIPRAP, CLASS A4
	EROSION CONTROL BLANKET AND PERMANENT SEEDING CLASS 2A (TEMPORARY EROSION CONTROL SEEDING AS NEEDED)
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER



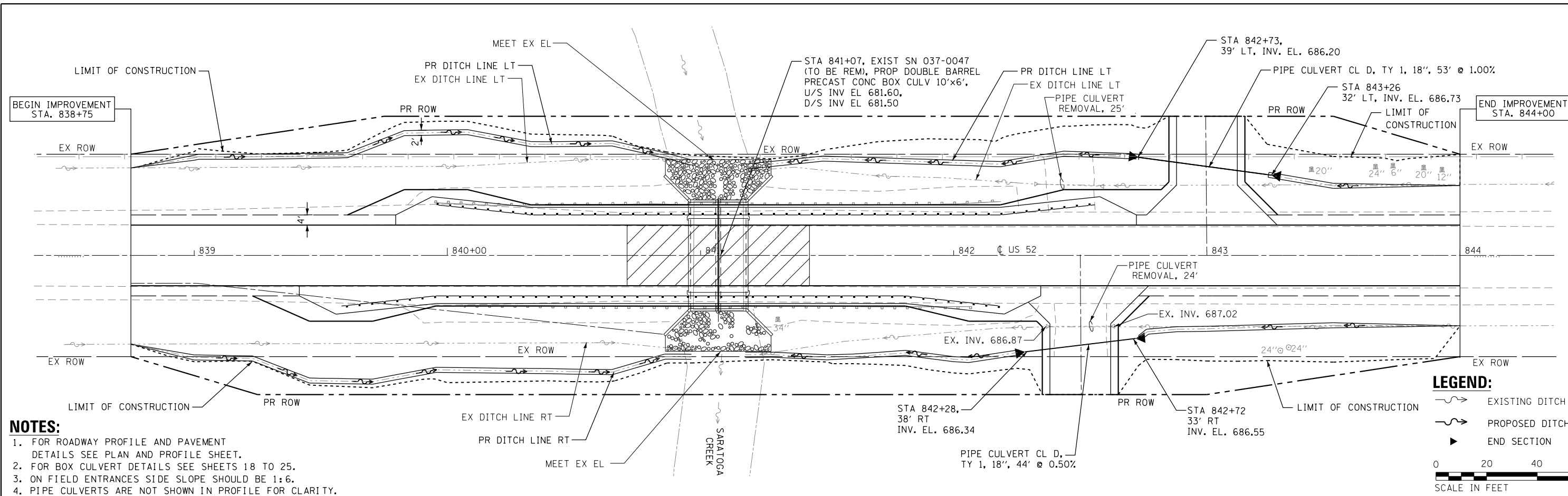
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PLOT DATE = 7/27/2016	CHECKED - GC	REVISED -
	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 838+75.00 TO STA. 844+00.00

F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 14
CONTRACT NO. 66C62				ILLINOIS FED. AID PROJECT

FILE NAME = G:\PL101101E W01 66C62 Culvert Design STR & RDWY\00Sheet Files\14.0366C62-sht-eros.dgn



- NOTES:**
1. FOR ROADWAY PROFILE AND PAVEMENT DETAILS SEE PLAN AND PROFILE SHEET.
 2. FOR BOX CULVERT DETAILS SEE SHEETS 18 TO 25.
 3. ON FIELD ENTRANCES SIDE SLOPE SHOULD BE 1:6.
 4. PIPE CULVERTS ARE NOT SHOWN IN PROFILE FOR CLARITY.

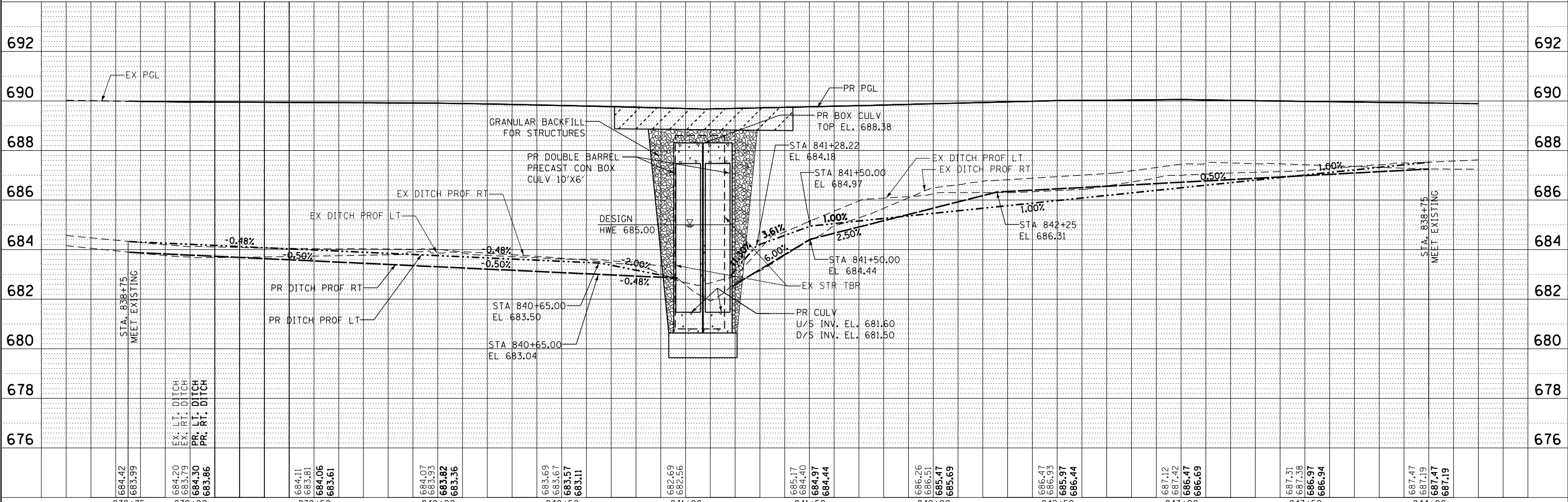
LEGEND:

- EXISTING DITCH
- PROPOSED DITCH
- END SECTION

0 20 40 60
SCALE IN FEET

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO. / DATE	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO. / DATE	



684.42	683.99	684.20	683.79	684.30	683.86	684.11	683.81	684.06	683.61	684.07	683.93	683.82	683.36	683.69	683.67	683.57	683.11	682.69	682.56	685.17	684.40	684.97	684.44	686.26	686.51	685.47	685.69	686.47	686.33	685.97	686.44	687.12	687.42	686.47	686.69	687.31	687.38	686.97	686.94	687.47	687.19	687.47	687.19
838+75	839+00	839+50	840+00	840+50	841+00	841+50	842+00	842+50	843+00	843+50	844+00																																

DELTA ENGINEERING GROUP, LLC
 USER NAME = rmanuod
 DESIGNED - SA
 DRAWN - RM
 CHECKED - GC
 DATE = 7/26/2016

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN AND PROFILE
 SCALE: 1"=20'
 SHEET 1 OF 1 SHEETS
 STA. 838+75.00 TO STA. 844+00.00

F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 15
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

FILE NAME = G:\PL01101E W01 66C62 Culvert Design STR & RDWY\00Sheet Files\15.D366C62-sht-drain.dgn

SE 1/4 OF SEC. 23, T.35N., R.6E. OF THE 3RD P.M.



3XX0002

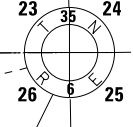
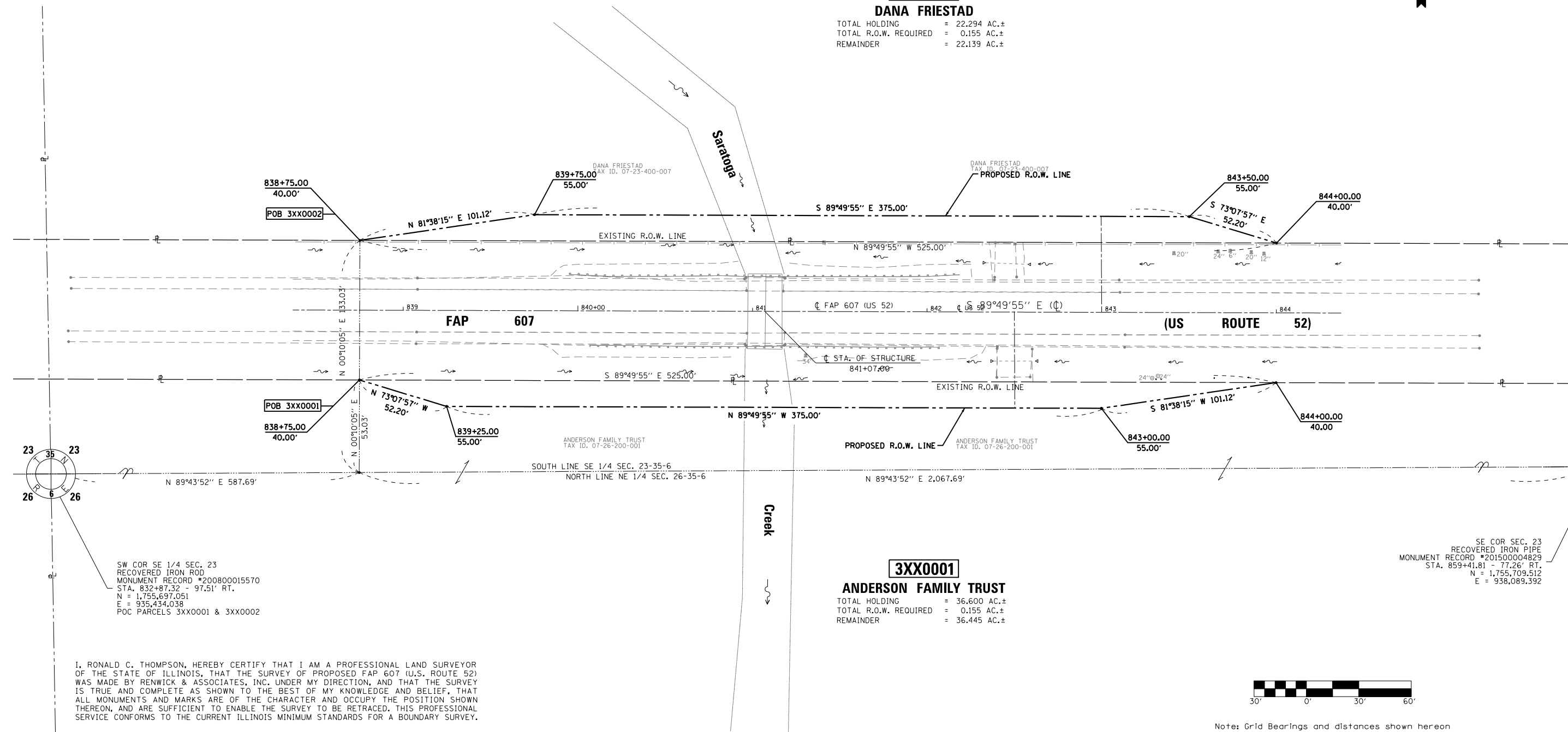
DANA FRIESTAD

TOTAL HOLDING = 22.294 AC.±
 TOTAL R.O.W. REQUIRED = 0.155 AC.±
 REMAINDER = 22.139 AC.±

3XX0001

ANDERSON FAMILY TRUST

TOTAL HOLDING = 36.600 AC.±
 TOTAL R.O.W. REQUIRED = 0.155 AC.±
 REMAINDER = 36.445 AC.±



SW COR SE 1/4 SEC. 23
 RECOVERED IRON ROD
 MONUMENT RECORD #200800015570
 STA. 832+87.32 - 97.51' RT.
 N = 1,755,697.051
 E = 935,434.038
 POC PARCELS 3XX0001 & 3XX0002

SE COR SEC. 23
 RECOVERED IRON PIPE
 MONUMENT RECORD #201500004829
 STA. 859+41.81 - 77.26' RT.
 N = 1,755,709.512
 E = 938,089.392

I, RONALD C. THOMPSON, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP 607 (U.S. ROUTE 52) WAS MADE BY RENWICK & ASSOCIATES, INC. UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATE: April 27, 2015
 ILLINOIS PROFESSIONAL LAND SURVEYOR
 NO. 35-3467
 SURVEY BOOK NO. _____
 11-30-2016
 EXPIRATION DATE



Note: Grid Bearings and distances shown hereon are referenced to the Illinois State Plane Coordinate System, East Zone (NAD 83, 2011 Adj.). All areas are based on ground distances. Grid to ground combined factor = 1.00002240.

NE 1/4 OF SEC. 26, T.35N., R.6E. OF THE 3RD P.M.

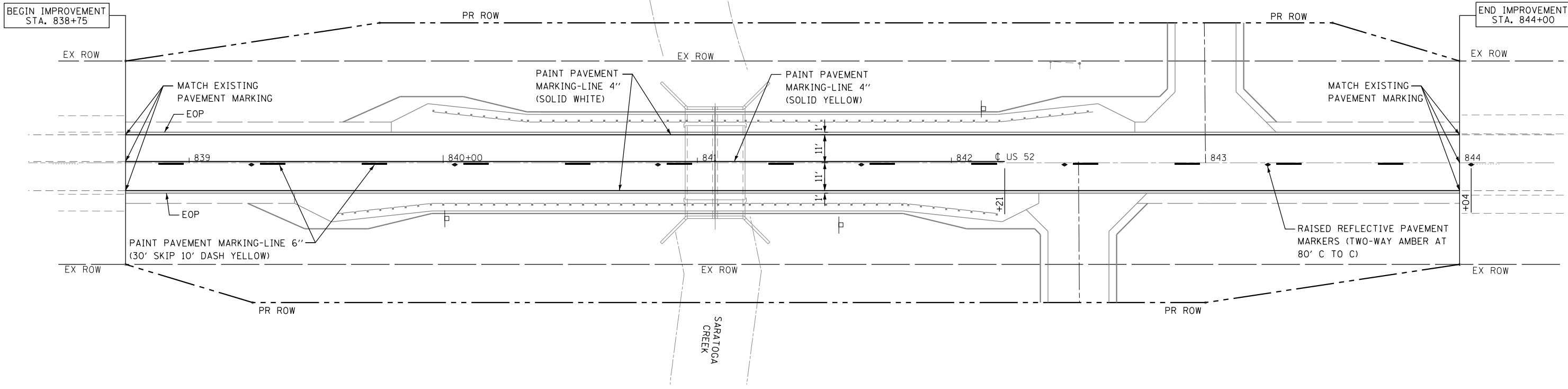
Renwick & Associates, Inc.
 Professional Engineers & Land Surveyors
 1304 Genl'l Circle, Suite 4 • Ottawa, IL 61350

USER NAME = THOMPSON	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1" = 30'	CHECKED -	REVISED -
PLOT DATE = April 27, 2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	31	16
CONTRACT NO. 66C62				
SCALE: 1" = 30'	PROJECT	JOB NO. R-93-002-15	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
	SHEET NO. 1 OF 1 SHEETS	STA. 838+75.00 TO 844+00.00		



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		



USER NAME = rmanucod	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 7/27/2016	DATE - 7/26/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 838+75.00 TO STA. 844+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	17
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

FILE NAME = G:\PL101101E W011 66C62 Culvert Design STR & RDWY\00Sheet Files\17.0366C62-sht-pmark.dgn

BENCH MARK:

Sta. 841+17.79, 22.09 ft. Right, Chiseled "□" S. E. Wingwall Elev. 689.41.

EXISTING STRUCTURE:

The existing structure number 047-0037 was built in 1932 as F.A. Route 607, section (126)BR in Kendall County over Saratoga Creek located 4.8 miles west of Illinois 47. The existing structure is a single span bridge constructed of 15 1/2" Reinforced Concrete Deck with clear width of 40'-0" and back to back of abutments 41'-0". The bridge is located on a tangent section with a 0 degree skew.

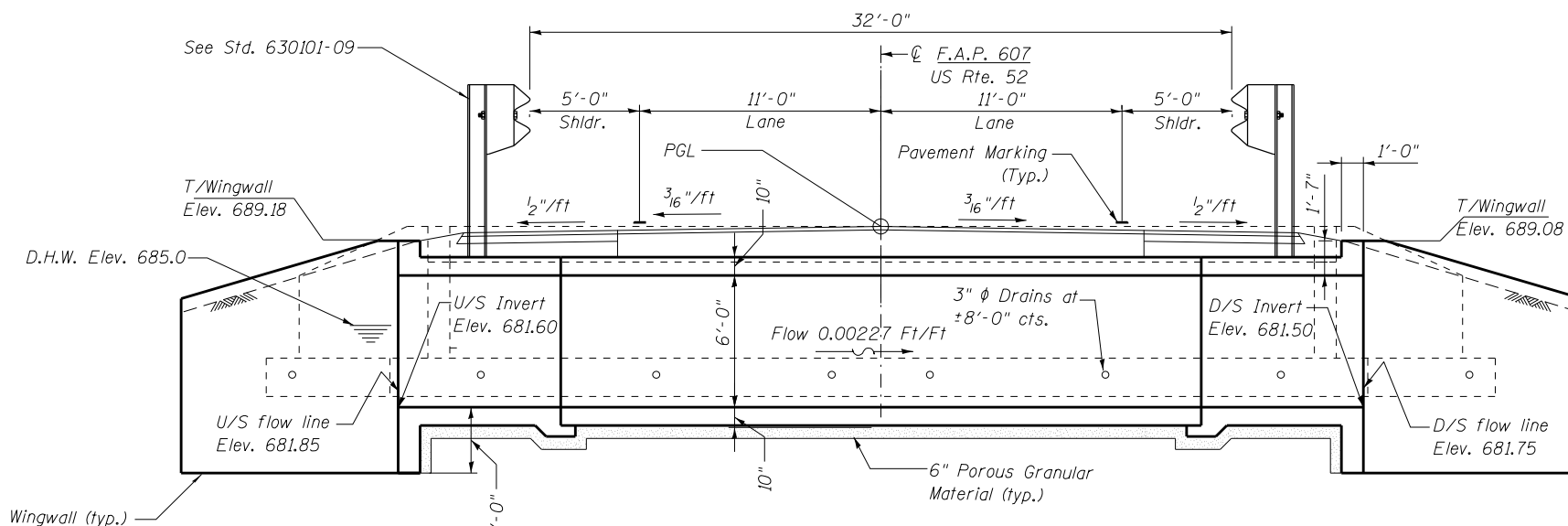
The road will be temporarily closed, traffic will be detoured using state route detour during existing structure removal and proposed structure construction.

SALVAGE:

No Salvage

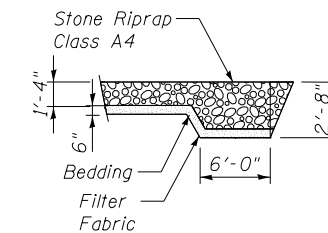
LEGEND:

⊗ - Soil Boring Location



INDEX OF SHEETS

SHEET NO.	TITLE
S1	General Plan
S2	Miscellaneous Details
S3	End Section (1 of 3)
S4	End Section (2 of 3)
S5	End Section (3 of 3)
S6	Soil Boring Logs



SECTION A-A

LOADING HL-93

Allow 50 #/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2014 AASHTO LRFD Bridge Design Specifications, 7th Edition with 2015 and 2016 interims.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded wire fabric)
fy = 60,000 psi (Reinforcement)

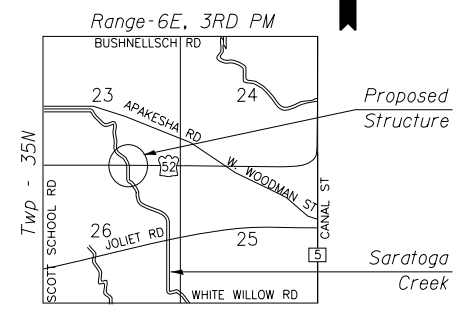
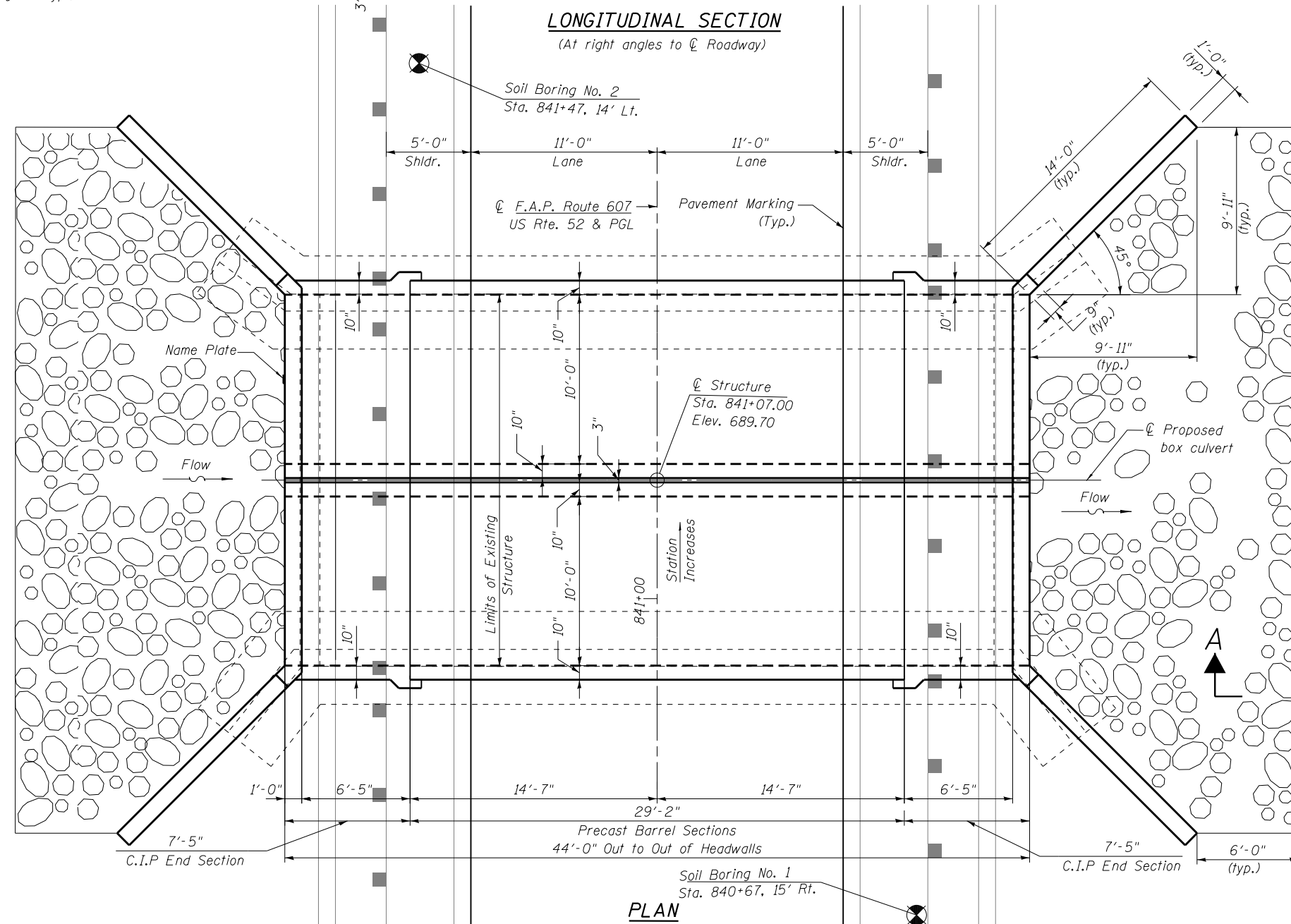
DESIGN FILL HEIGHT

Design Earth Cover=2.0 ft.

STATION 841+07.00
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 607 SEC. (126)BR
LOADING HL93
STR. NO. 047-2052

NAME PLATE

See Std. 515001



LOCATION SKETCH

GENERAL PLAN
US ROUTE 52 OVER SARATOGA CREEK
F.A.P. ROUTE 607 - SECTION (126)BR
KENDALL COUNTY
STATION 841+07.00
STRUCTURE NO. 047-2052

DELTA ENGINEERING GROUP, LLC
FILE NAME = G:\PL010101E W01 66C62 Culvert Design STR & RDWY\00Sheet Files\18.0366C62-sht-struct1.dgn

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	DATE = 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

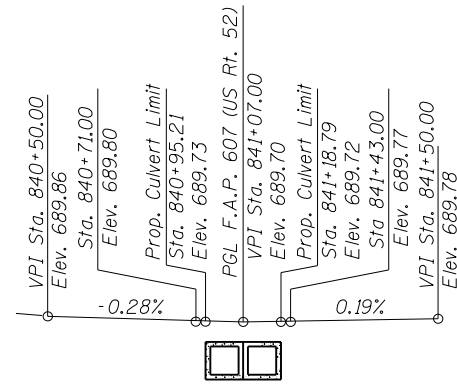
GENERAL PLAN
STRUCTURE NO. 047-2052

SCALE: N.T.S. SHEET S1 OF S6 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 18
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
3. Precast concrete box culvert sections shall conform to the requirements of article 540.06 of the standard specifications and the applicable requirements of ASTM C1577



PROFILE GRADE
(Along \bar{C} of Roadway)

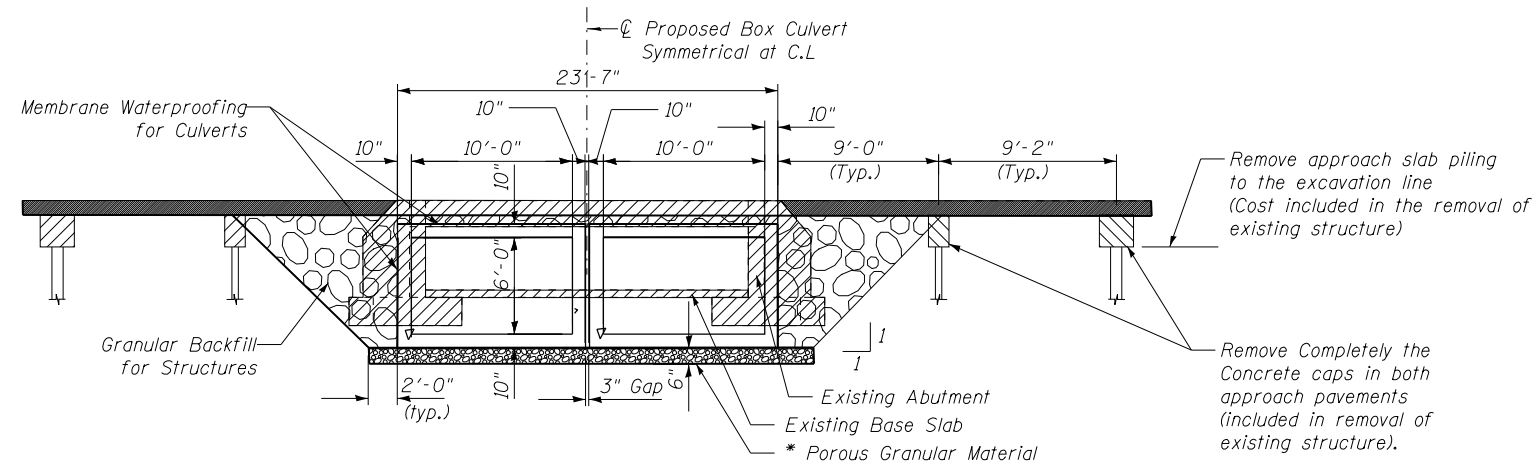
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Name Plates	Each	1
* Porous Granular Material	Cu Yd	24
Precast Concrete Box Culvert 10'x6'	Foot	58'-4"
Stone Riprap, Class A4	Sq Yd	132
Filter Fabric	Sq Yd	132
** Granular Backfill for Structures	Cu Yd	215
Concrete Box Culverts	Cu Yd	64
Reinforcement Bars	Lbs	11,820
Reinforcement Bars, Epoxy Coated	Lbs	60
Structure Excavation	Cu Yd	293
** Membrane Waterproofing For Culverts	Sq Yd	203

** Pay Item Requires Special Provision

LEGEND

- Removal of Existing Structures
- Granular Backfill for Structures
- Porous Granular Material



SECTION THRU PRECAST BARREL

Dimensions at right angle to \bar{C} of culvert (Looking North).
* Porous Granular Material (Quantity is shown for Information only)
Cost included in Precast Concrete Box Culvert Pay Item.

WATERWAY INFORMATION TABLE

Drainage Area = 1.61 sq. mi.
Exist. Low Grade Elev. = 688.87 @ Sta. 845+00
Prop. Low Grade Elev. = 688.87 @ Sta. 845+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	223	56	57	684.7	0.2	0.0	684.9	684.7
Design	50	337	61	63	685.0	0.6	0.4	685.6	685.4
Base	100	382	63	65	685.1	0.8	0.6	685.9	685.7
Scour Design	200	429	65	66	685.2	1.1	0.8	686.2	686.0
Max. Calc.	500	491	67	68	685.3	1.4	1.1	686.6	686.3
Overtopping	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Existing 10-Year Velocity=4.4 ft/sec.
Proposed 10-Year Velocity=4.5 ft/sec.

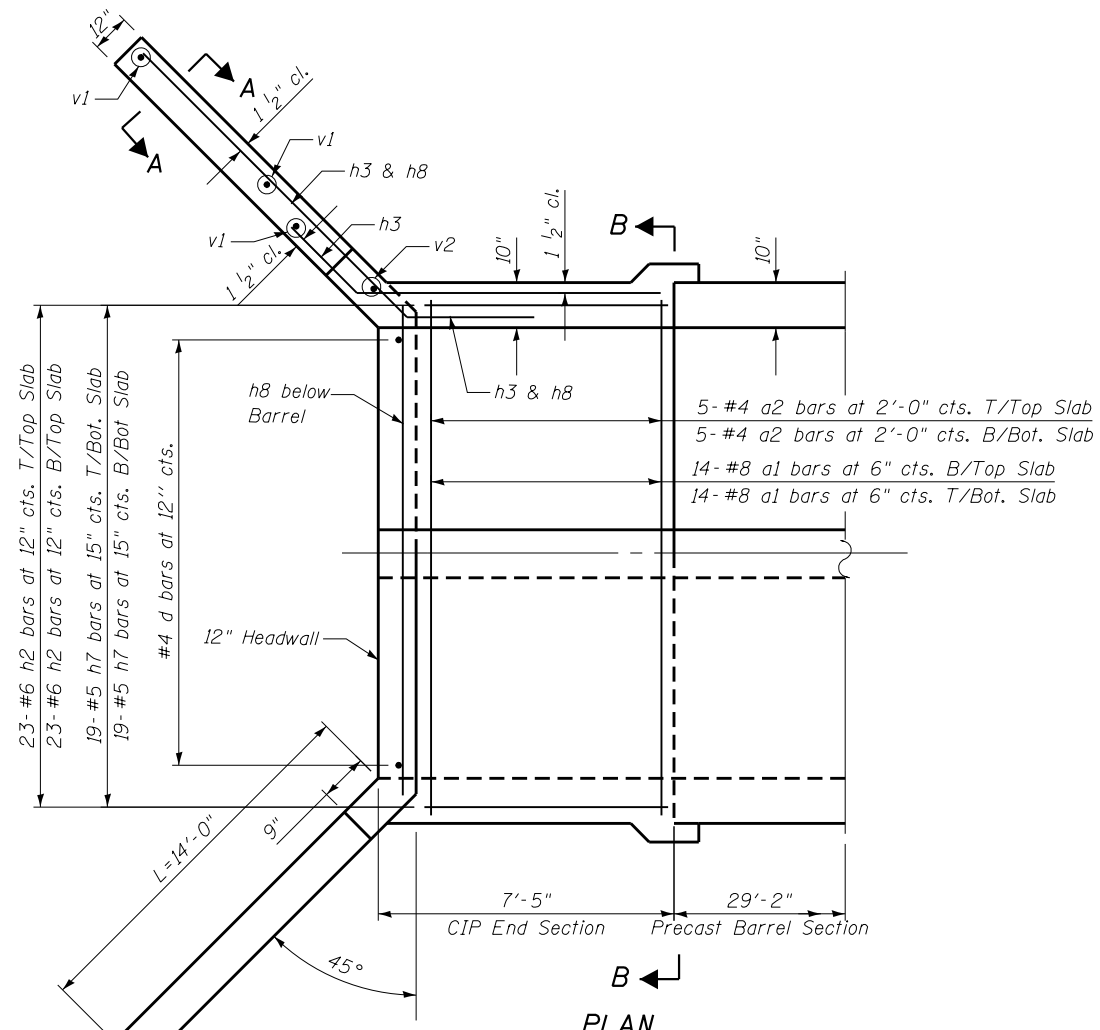


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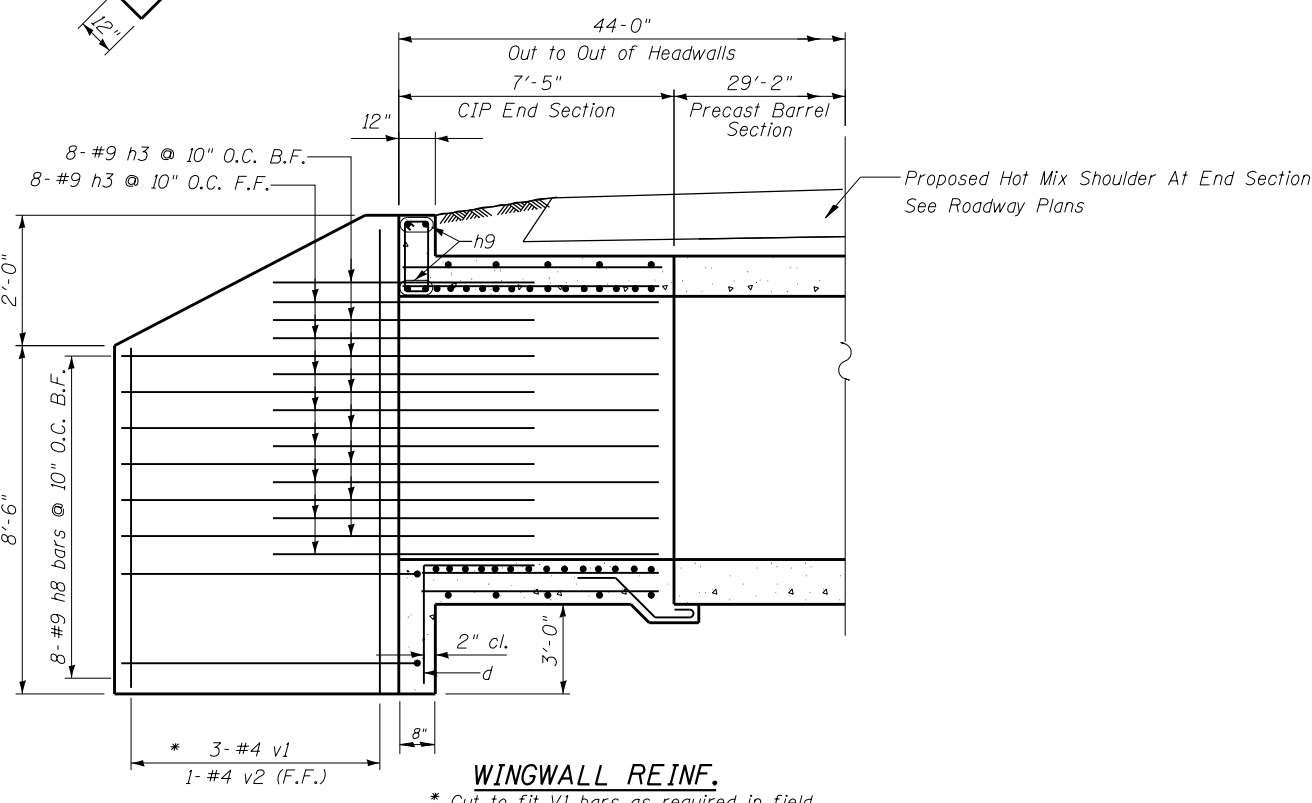
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS	
STRUCTURE NO. 047-2052	
SCALE: N.T.S.	SHEET S2 OF S6 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 19
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

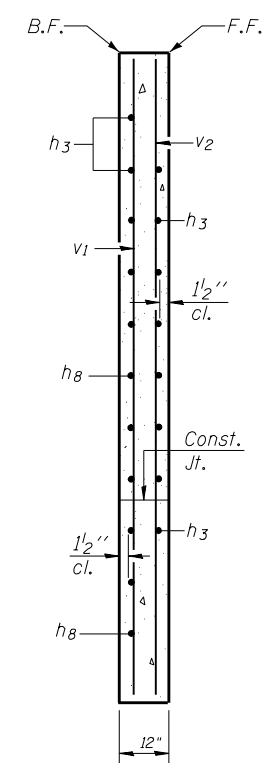


PLAN



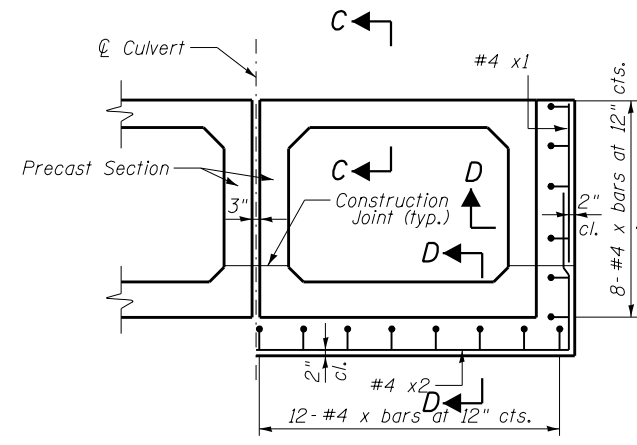
WINGWALL REINF.

* Cut to fit V1 bars as required in field



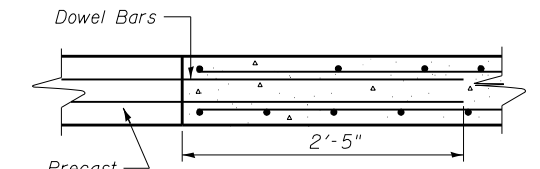
SECTION A-A

v bars shall not be placed more than 1 1/2" cl. from back face of wingwall.



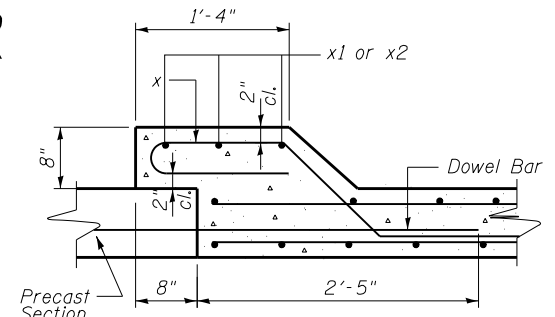
SECTION B-B

(Symmetrical about C.L. of Culvert)



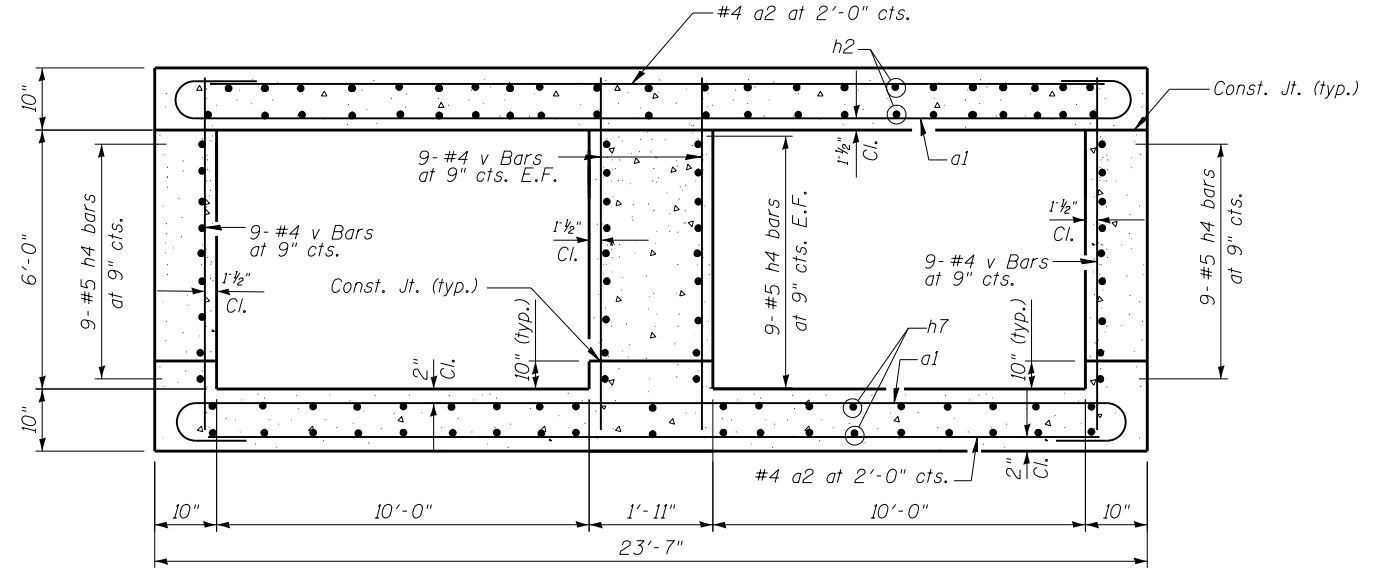
SECTION C-C

(See Notes Below for Dowel Bars)



SECTION D-D

(See Notes Below for Dowel Bars)



SECTION THRU C.I.P END SECTION

(Looking North Along C.L. of Culvert)

NOTE

1. Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
2. Dowel bars projecting out of precast top slab into cast-in place end section shall lap with h2 bars.
3. Dowel bars projecting out of precast wall into cast-in place end section shall lap with h4 bars.
4. Dowel bars projecting out of precast bottom slab into cast-in place end section shall lap with h7 bars.



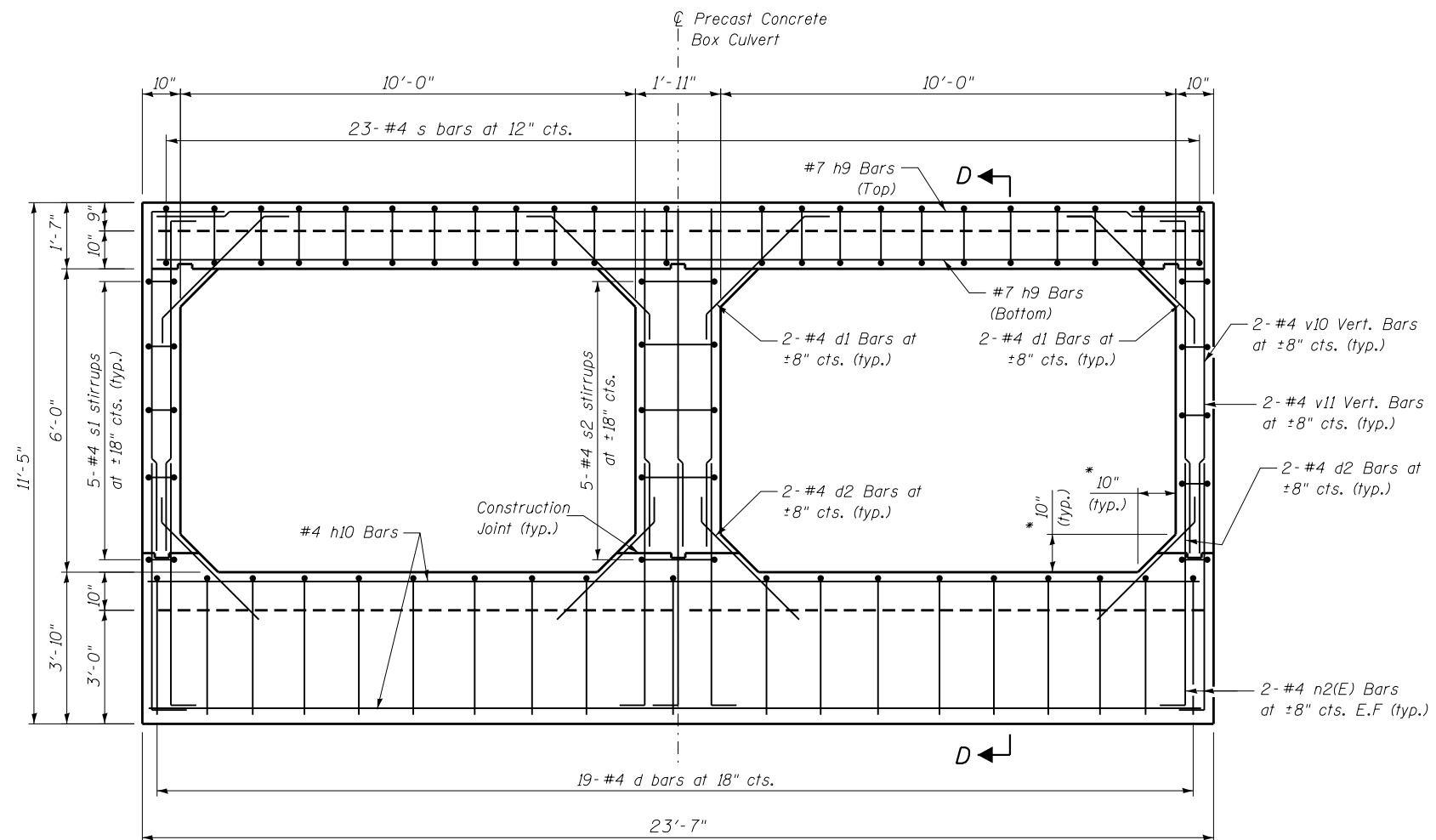
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PLOT DATE = 7/27/2016	CHECKED - SK	REVISED -
	DATE = 7/26/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

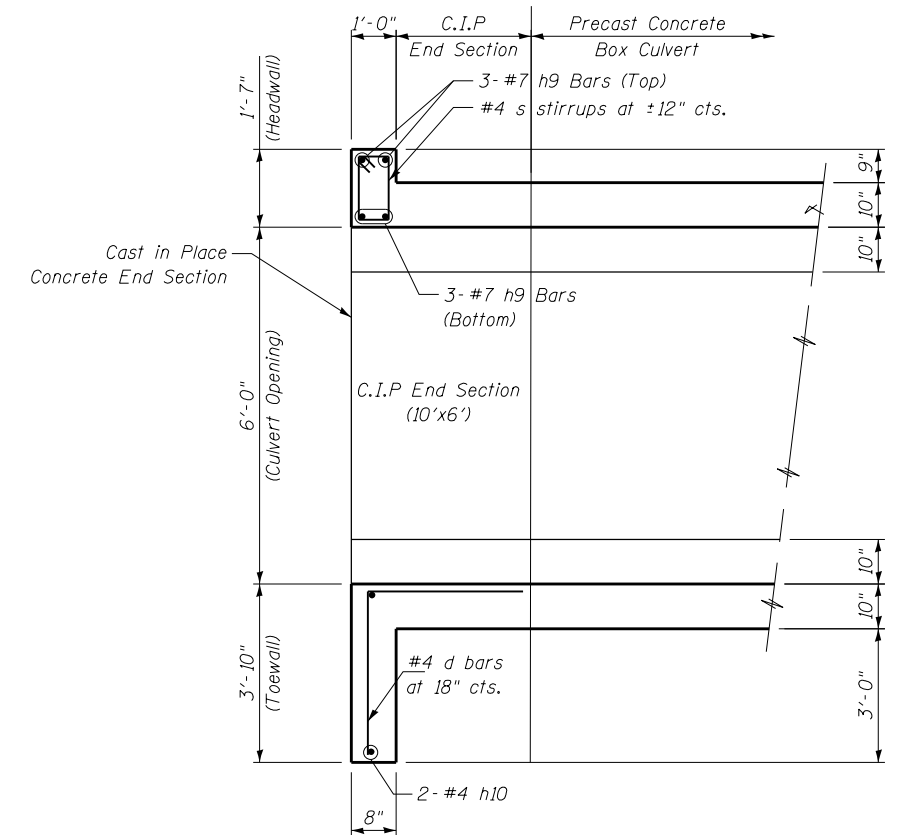
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STRUCTURE NO. 047-2052**

SCALE: N.T.S. SHEET S3 OF S6 SHEETS STA. TO STA.

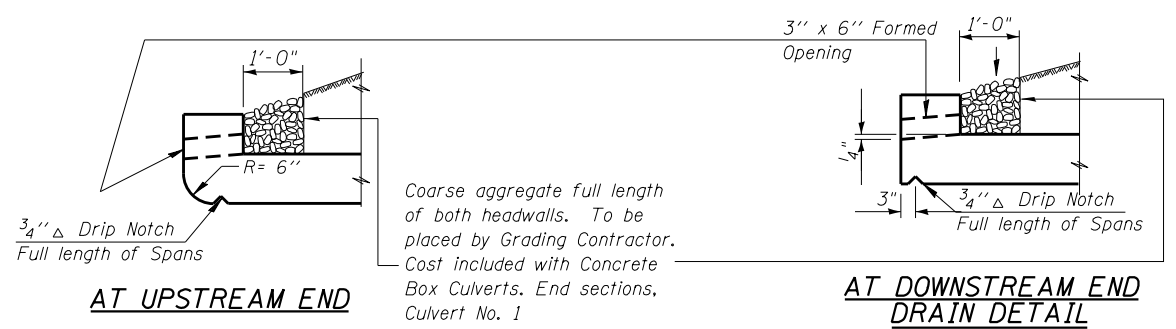
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CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				



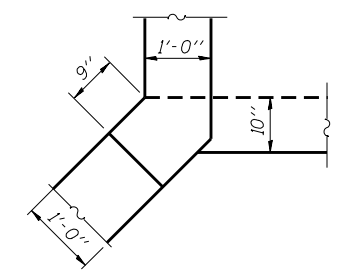
ELEVATION
 (Looking North Perpendicular to Roadway)
 *Dimensions At Rt. Angles



SECTION D-D



SECTIONS THRU HEADWALL



CORNER DETAIL



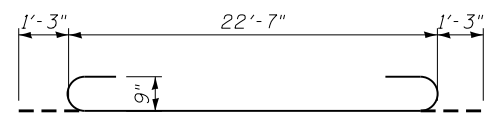
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	DATE = 7/26/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

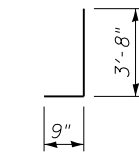
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 STRUCTURE NO. 047-2052**

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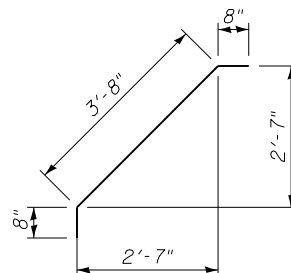
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	21
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				



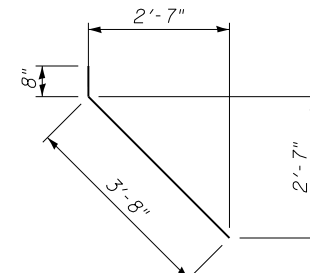
BAR a1



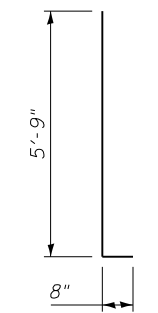
BAR d



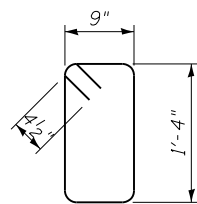
BAR d1



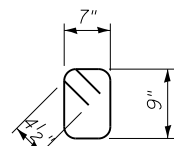
BAR d2



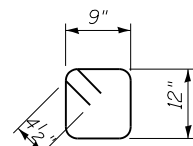
BAR n2(E)



BAR s



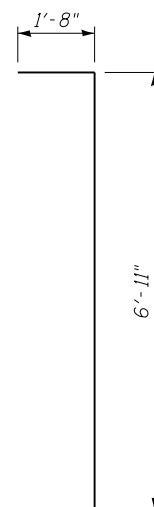
BAR s1



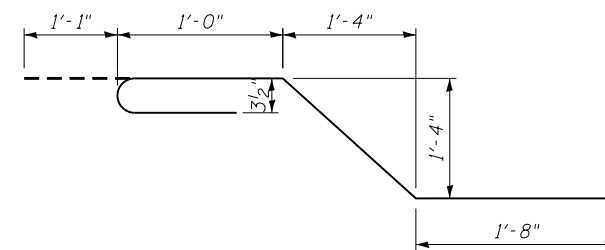
BAR s2



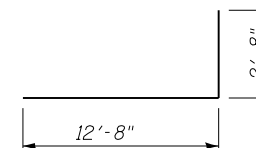
BAR v11



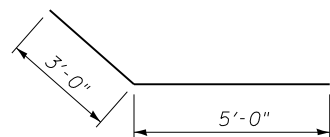
BAR v10



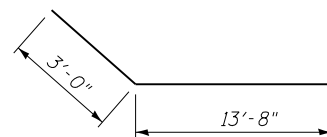
BAR x



BAR x2



BAR h3



BAR h8

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	56	#8	25'-1"	
a2	20	#4	22'-7"	
d	38	#4	4'-5"	
d1	16	#4	5'-0"	
d2	16	#4	4'-4"	
h2	92	#6	6'-7"	
h3	64	#9	8'-0"	
h4	84	#5	6'-7"	
h7	76	#5	6'-7"	
h8	32	#9	16'-8"	
h9	12	#7	22'-7"	
h10	4	#4	22'-7"	
n2(E)	14	#4	6'-5"	
s	46	#4	4'-11"	
s1	20	#4	3'-5"	
s2	10	#4	4'-3"	
v	72	#4	7'-3"	
*v1	12	#4	10'-3"	
v2	4	#4	10'-3"	
v10	12	#4	8'-7"	
v11	12	#4	7'-7"	
x	80	#4	5'-8"	
x1	12	#4	6'-8"	
x2	12	#4	15'-4"	
Concrete Box Culverts	Cu. Yd.		64	
Reinforcement Bars, Epoxy Coated	Pound		60	
Reinforcement Bars	Pound		11,820	

* Cut to fit v1 bars as required in field

Notes:
1. Quantities shown are for four wingwalls and two end sections.



SOIL BORING LOG

Date 10/2/13

ROUTE US 52 (FAP 607) DESCRIPTION US 52 over Saratoga Creek, 4.8 miles West of IL 47 LOGGED BY Larry Myers

SECTION (126) BR LOCATION NE 1/4, SEC. 26, TWP. 35N, RNG. 6E, 3rd PM, Latitude 41.487196, Longitude -88.508674

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for D E P T H S, B L O S Qu, U C S, M O I S T, and soil descriptions with elevations and SPT values.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 10/2/13

ROUTE US 52 (FAP 607) DESCRIPTION US 52 over Saratoga Creek, 4.8 miles West of IL 47 LOGGED BY Larry Myers

SECTION (126) BR LOCATION SE 1/4, SEC. 23, TWP. 35N, RNG. 6E, 3rd PM, Latitude 41.487281, Longitude -88.508424

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for D E P T H S, B L O S Qu, U C S, M O I S T, and soil descriptions with elevations and SPT values.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



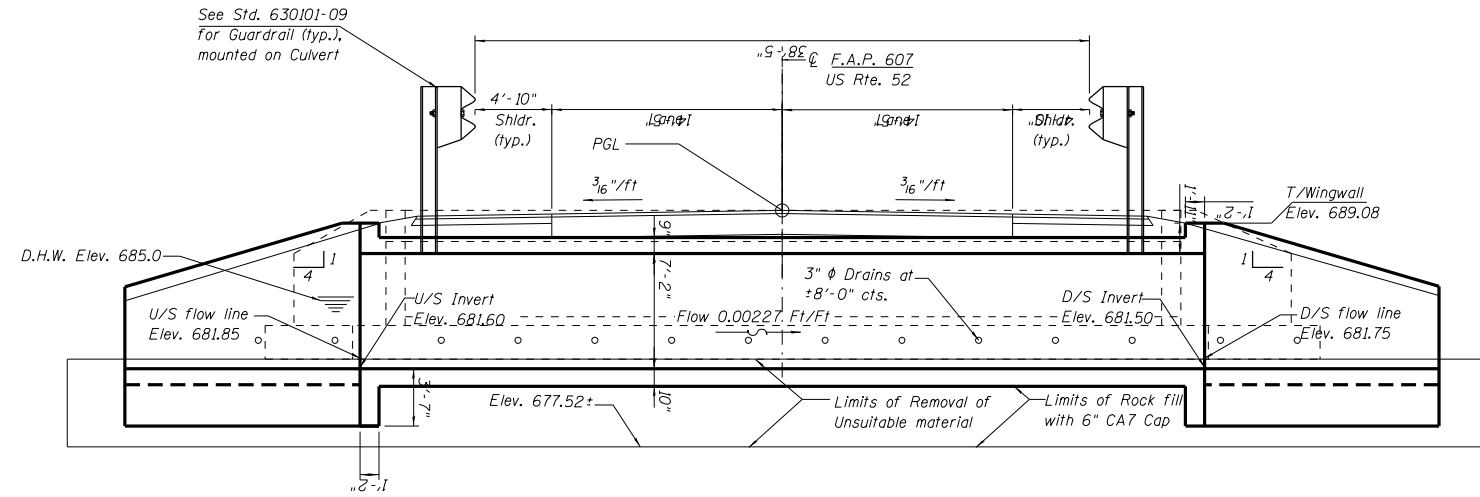
Table with columns for USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, and PLOT DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

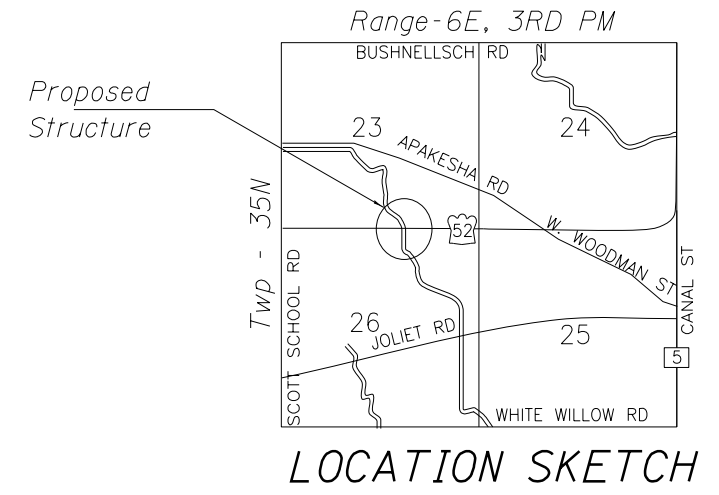
SOIL BORING LOGS STRUCTURE NO. 047-2052 SCALE: N.T.S. SHEET S6 OF S6 SHEETS STA. TO STA.

Table with columns for F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO.

EXHIBIT



LONGITUDINAL SECTION
(At right angles to ϕ Roadway)

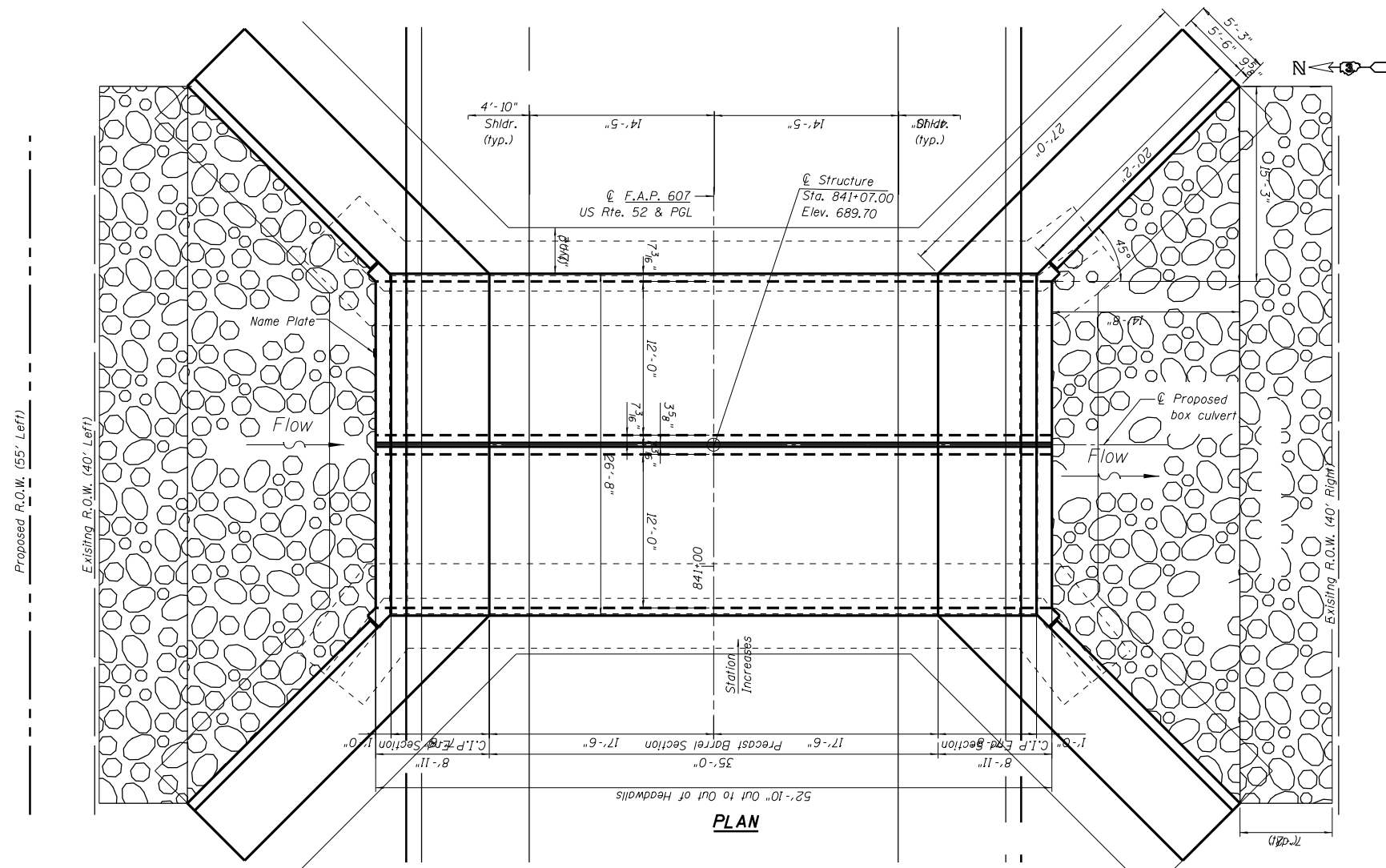


FOR INFORMATION ONLY

SEE SPECIAL PROVISIONS:

"TEMPORARY CONSTRUCTION / WATERWAY PERMITS (CORPS OF ENGINEERS)"

"TEMPORARY CONSTRUCTION / WATERWAY PERMITS (IDNR)"



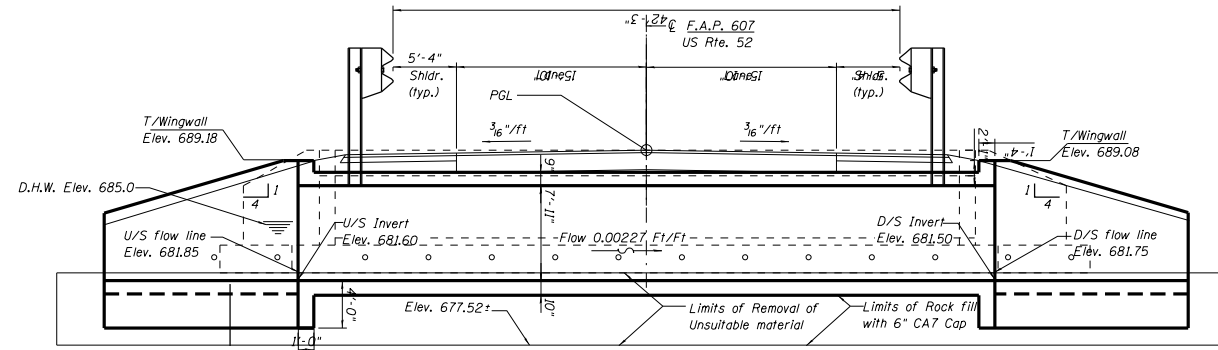
PLAN

GENERAL PLAN
US ROUTE 52 OVER SARATOGA CREEK
F.A.P. ROUTE 607 - SECTION (126)BR
KENDALL COUNTY
STATION 841+07.00
EXISTING SN 047-0037
PROPOSED SN 047-2052

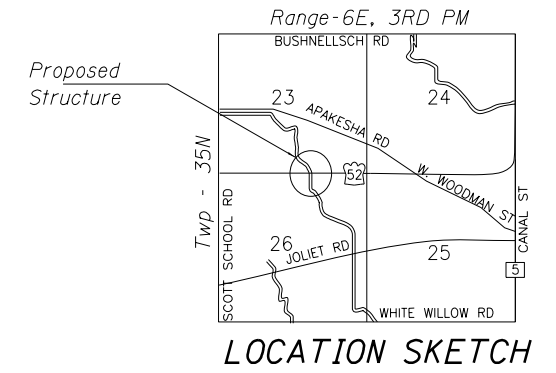
NOT TO SCALE

FILE NAME =	USER NAME = schwenkerg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING S.N. 047-0037 404 PERMIT CAUSEWAY /WORK PAD PLAN	F.A.P. R.T.E. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
Default		CHECKED -	REVISED -			607	(126) BR	KENDALL	33	24
		DATE -	REVISED -			CONTRACT NO. 66C62		ILLINOIS FED. AID PROJECT		

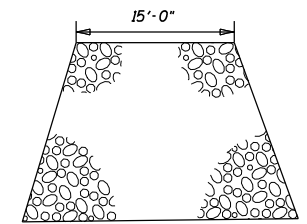
EXHIBIT



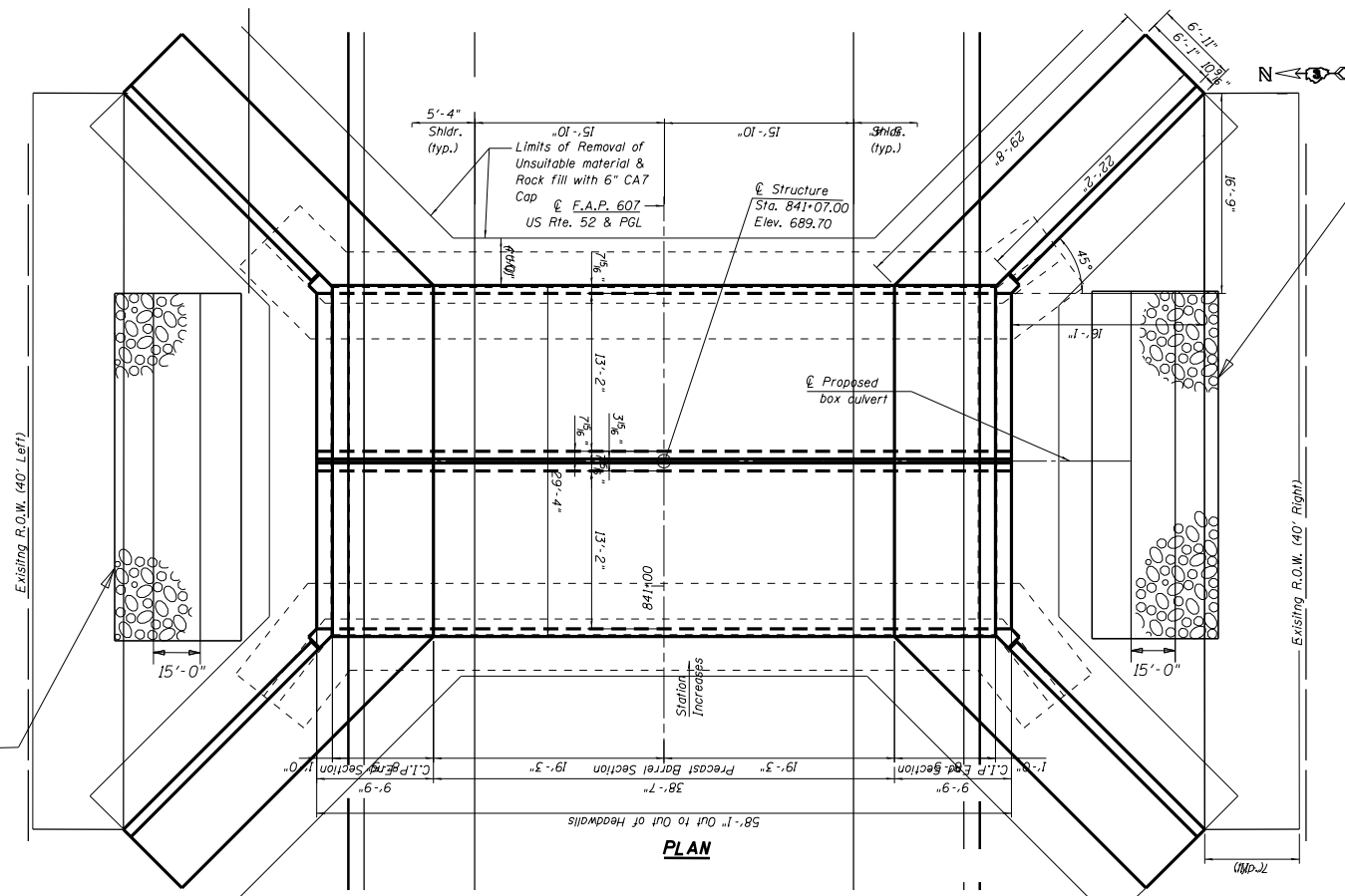
LONGITUDINAL SECTION
(At right angles to E Roadway)



FOR INFORMATION ONLY



Section thru work pad



Temporary work pad approximately 51 sq. yds of clean coarse aggregates To be removed upon completion of project

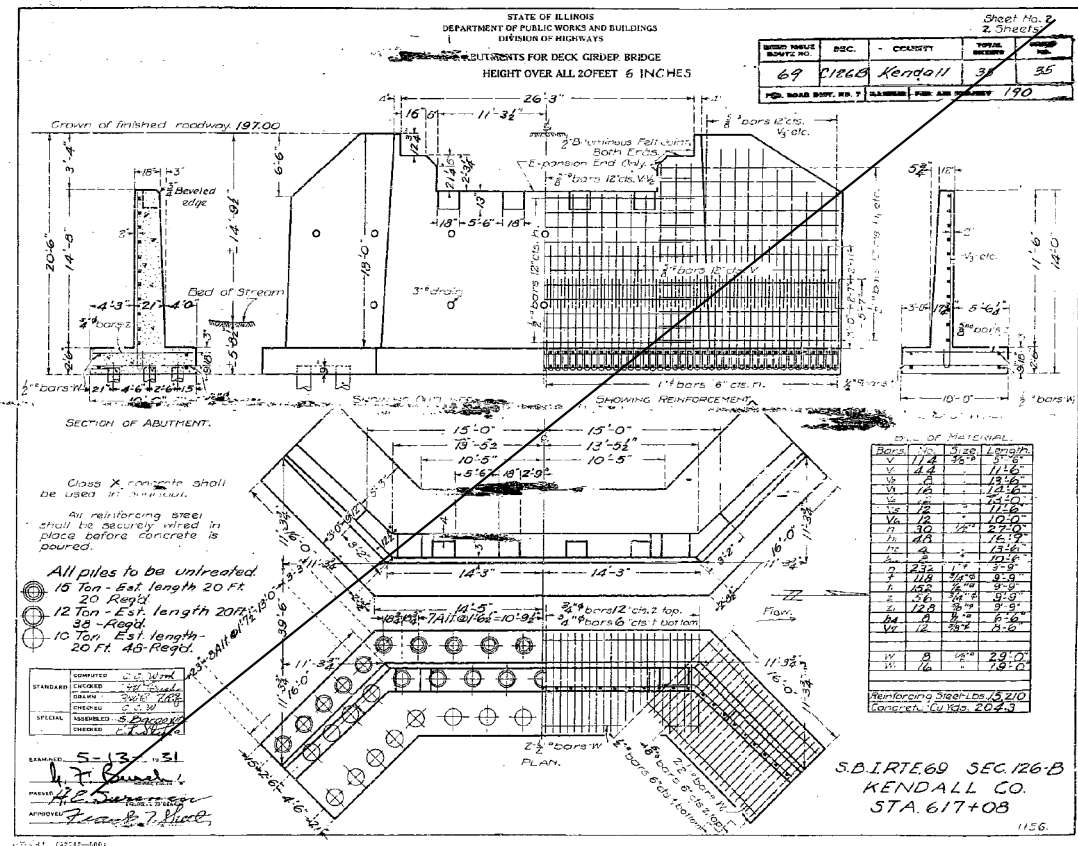
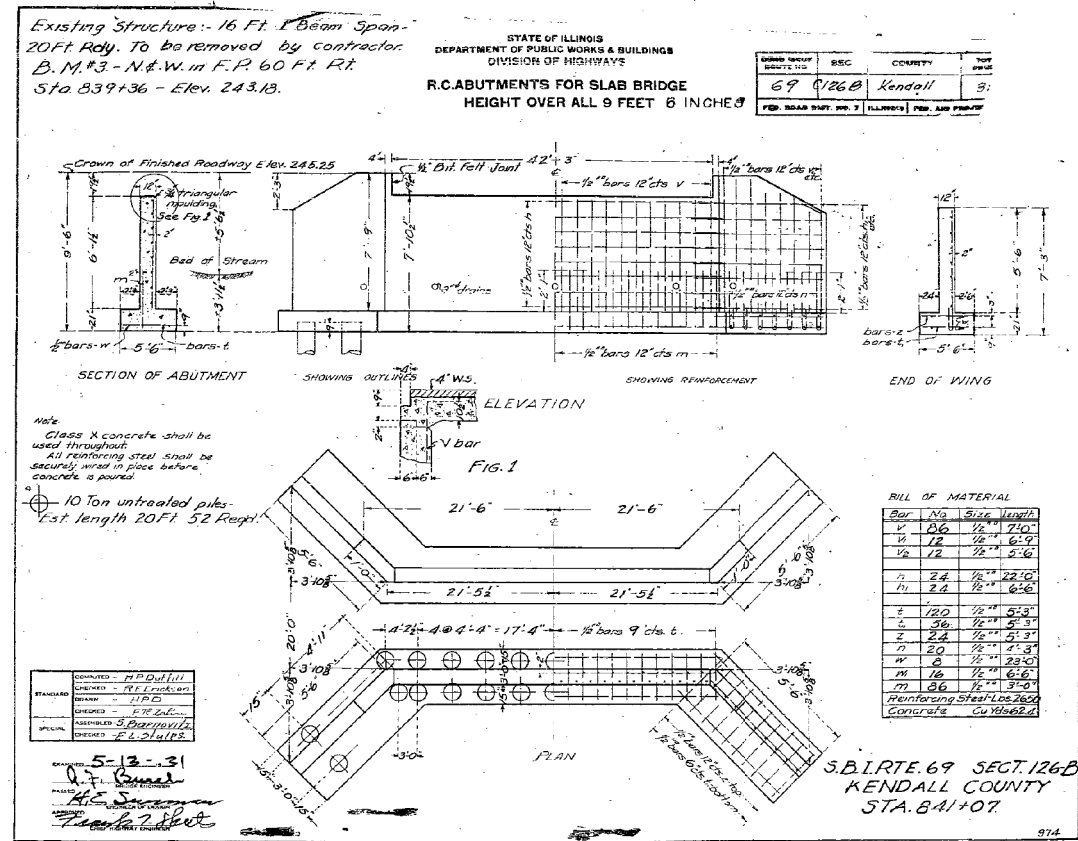
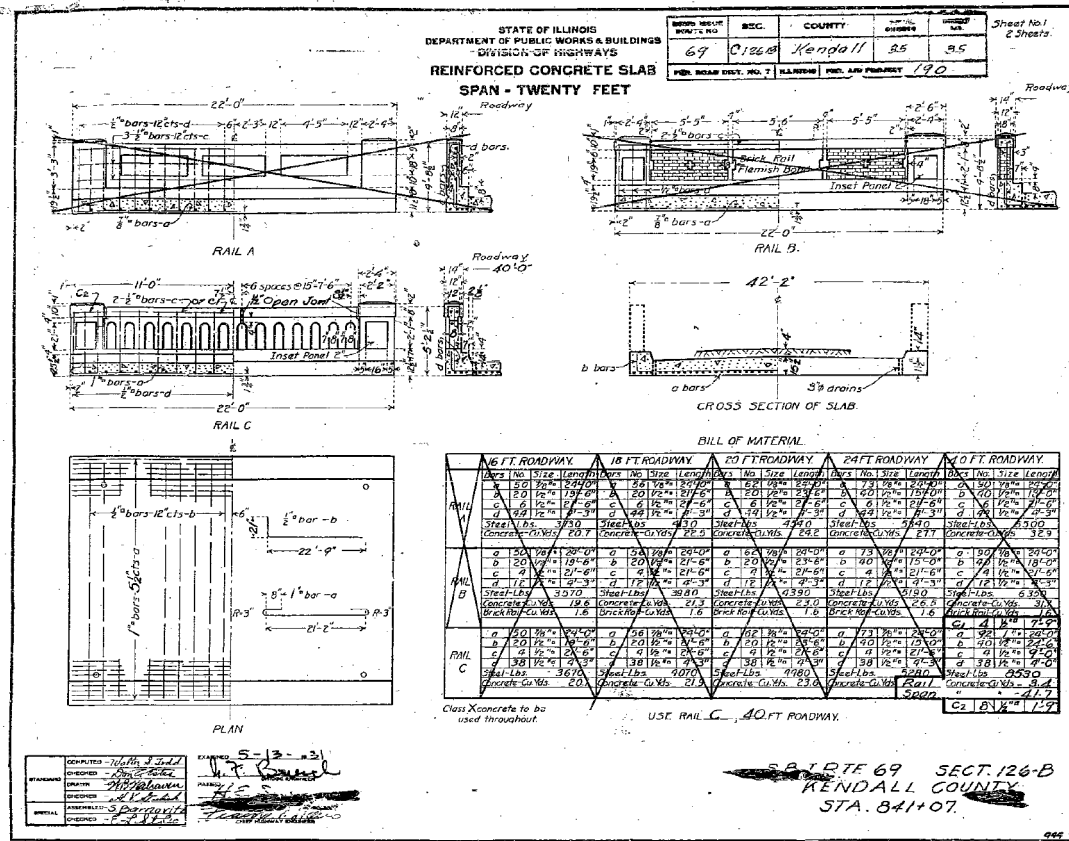
Temporary work pad approximately 51 sq. yds of clean coarse aggregates To be removed upon completion of project

SEE SPECIAL PROVISIONS:
"TEMPORARY CONSTRUCTION / WATERWAY PERMITS (CORPS OF ENGINEERS)"
"TEMPORARY CONSTRUCTION / WATERWAY PERMITS (IDNR)"

GENERAL PLAN
US ROUTE 52 OVER SARATOGA CREEK
F.A.P. ROUTE 607 - SECTION (126)BR
KENDALL COUNTY
STATION 841+07.00
EXISTING SN 047-0037
PROPOSED SN 047-2052

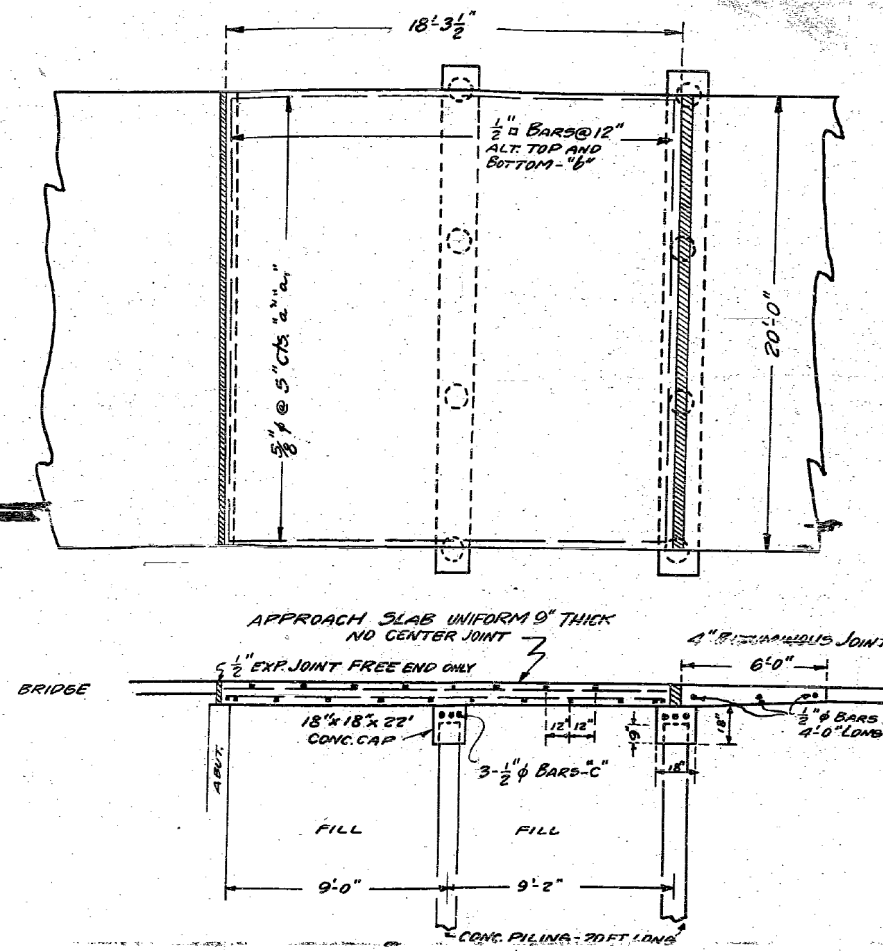
NOT TO SCALE

FILE NAME =	USER NAME = schwenkerg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING S.N. 047-0037 404 PERMIT CAUSEWAY /WORK PAD PLAN	F.A.P. R.T.E. = 607	SECTION = (126) BR	COUNTY = KENDALL	TOTAL SHEETS = 33	SHEET NO. = 25	
Default	PLOT SCALE = 16.0000" / in.	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 66C62		
	PLOT DATE = 7/22/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PAVEMENT ADJACENT BRIDGES

BOND ISSUE ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
69	C-126	Kendall		32
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 190				



BAR NO.	SIZE	LENGTH
a	3/8" φ	17'-6"
a'	3/8" φ	6'-0"
b	1/2" φ	19'-6"
c	1/2" φ	2'-6"
STEEL LBS.		1560
CONC. CU YDS.		136
CONC. CAPS CU YDS.		1.8
CONC. PILING FT.		180

Note: The cost of constructing the Pavement in accordance with this design at such points as are designated on the detail plans, including all extra materials except Reinforcement Bars shall be included in the unit price bid for Pavement. No extra compensation will be allowed except for Reinforcement Bars which will be paid for at the contract unit price for "Reinforcement Bars."

STA. 617+08 - 841+07
RT. 69 - SEC. 126
KENDALL CO.

USER NAME = rmemucod	DESIGNED - NS	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - SK	REVISED -
PLOT DATE = 7/27/2016	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

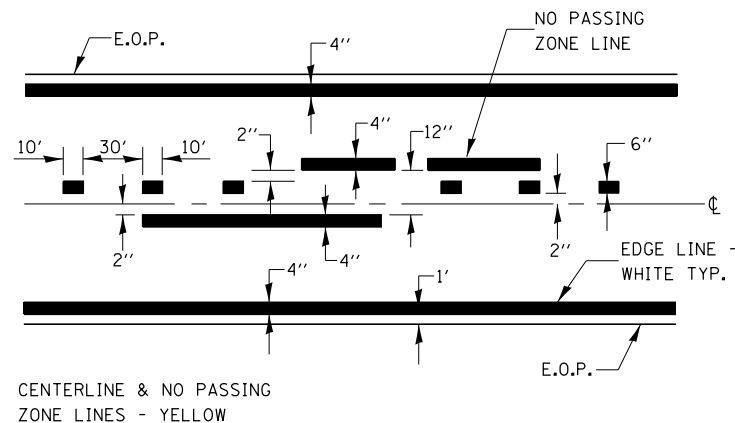
PAVEMENT ADJACENT TO BRIDGES
(FOR INFORMATION ONLY)

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

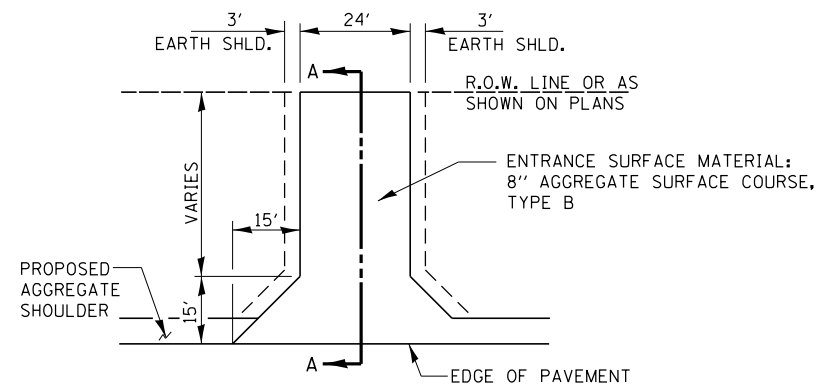
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	27
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NOTED THIS CHFD	
	NOTE BOOK	
	NO.	

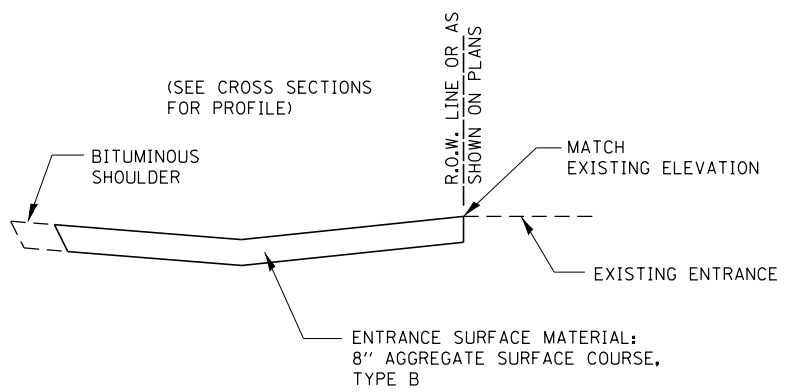
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NOTED THIS CHFD	
	NOTE BOOK	
	NO.	



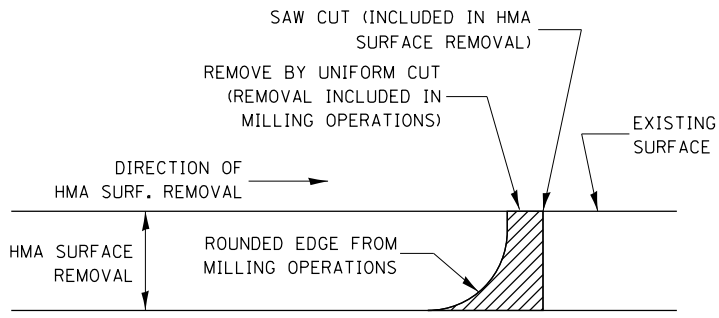
PAVEMENT MARKING



SECTION A-A

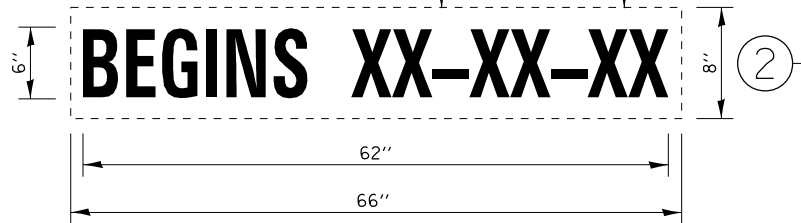
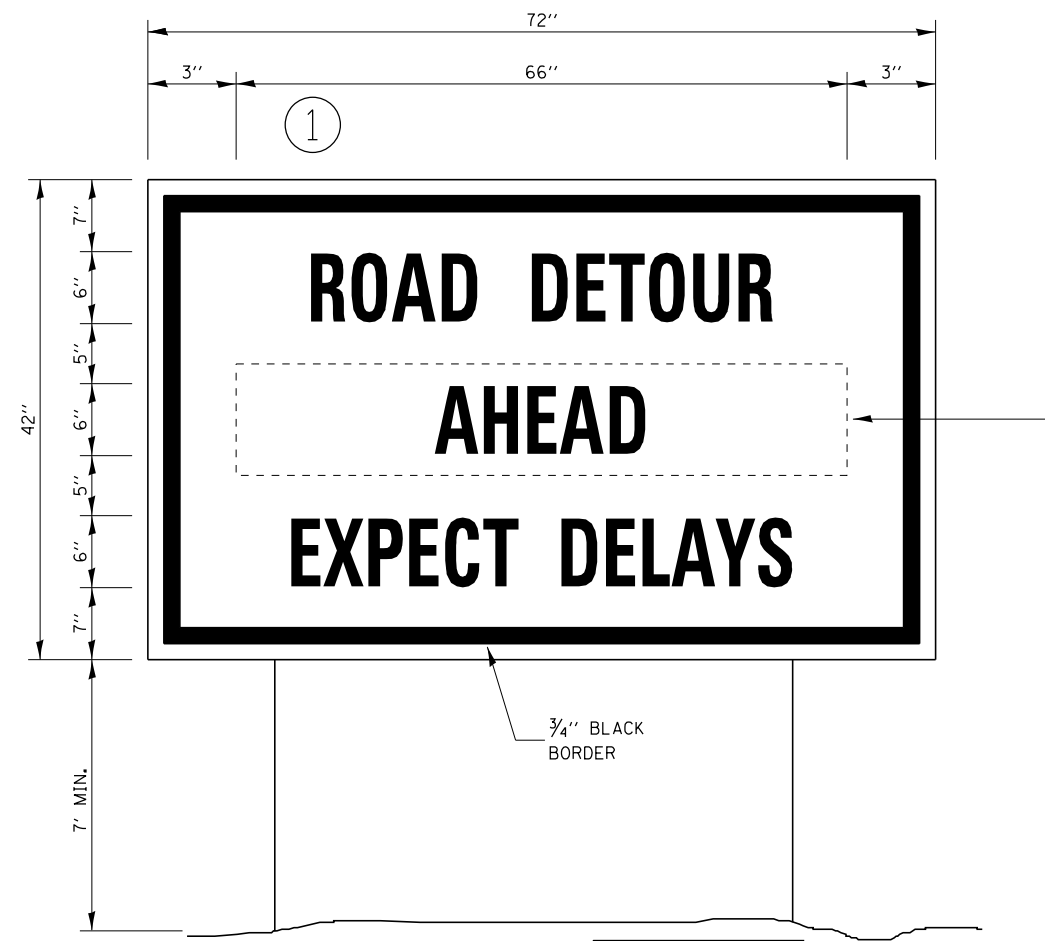


FIELD ENTRANCE DETAIL



HMA DETAIL

NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL



TEMPORARY INFORMATION SIGNING

- NOTES:
1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
 2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
 3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
 4. REMOVE PANEL ② ON THAT DATE.
 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
 6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



USER NAME = schwanberg	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 8/5/2016	DATE - 7/26/2016	REVISED -

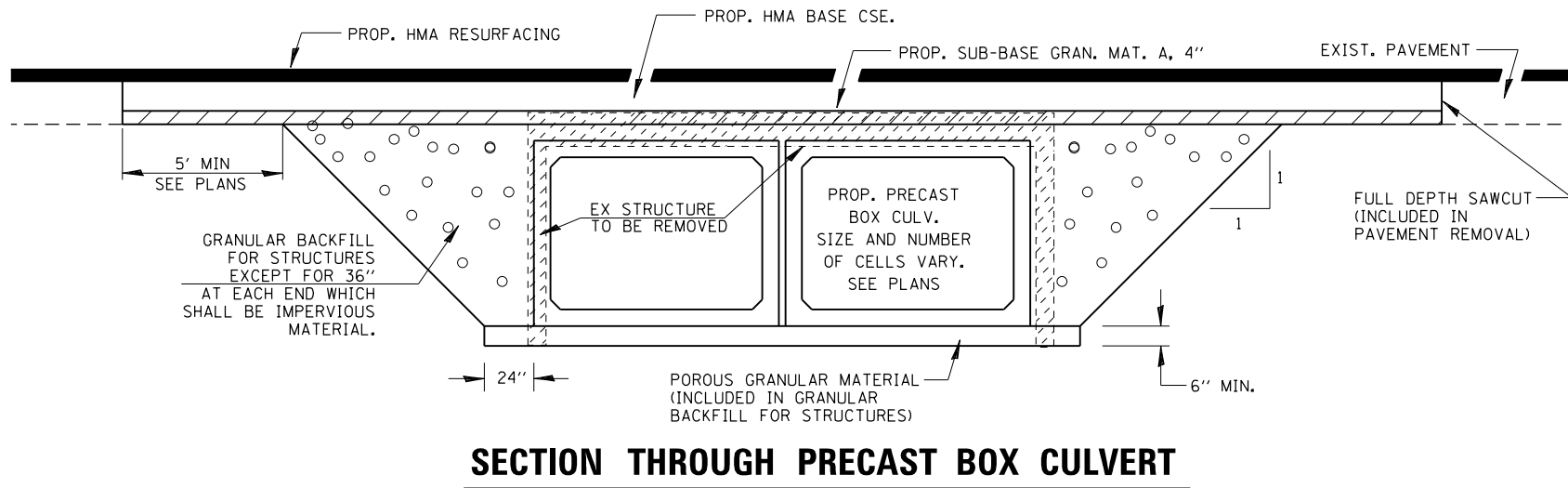
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.

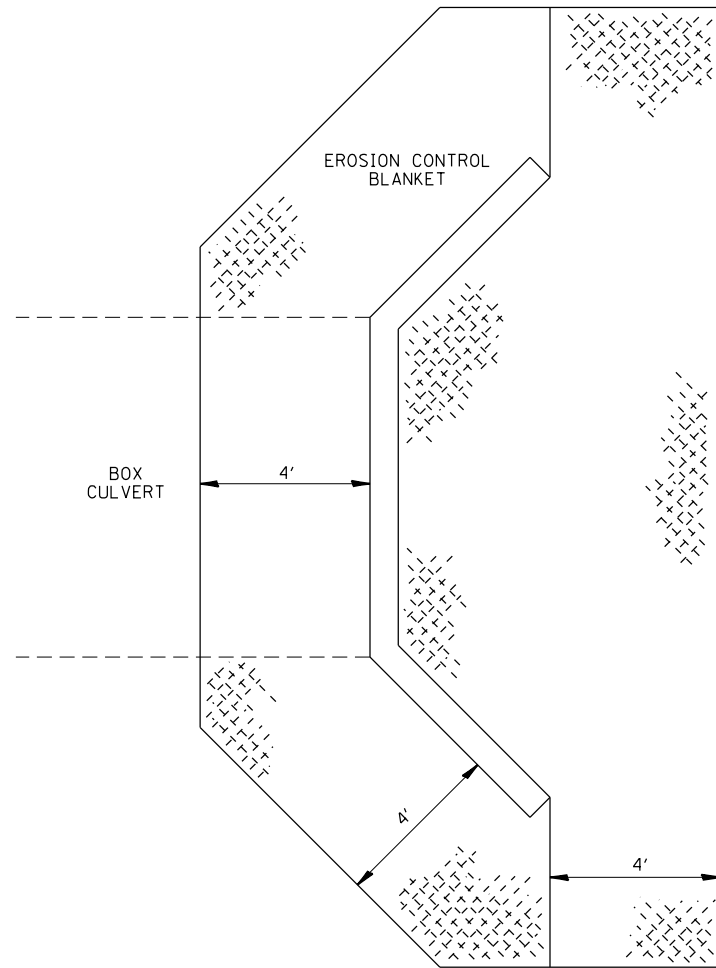
F.A.P. RTE. 607	SECTION 126(BR)	COUNTY KENDALL	TOTAL SHEETS 33	SHEET NO. 28
ILLINOIS FED. AID PROJECT				CONTRACT NO. 66C62

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT	
CHECKED	
NO. BOOK	
NO.	
FILE NAME	

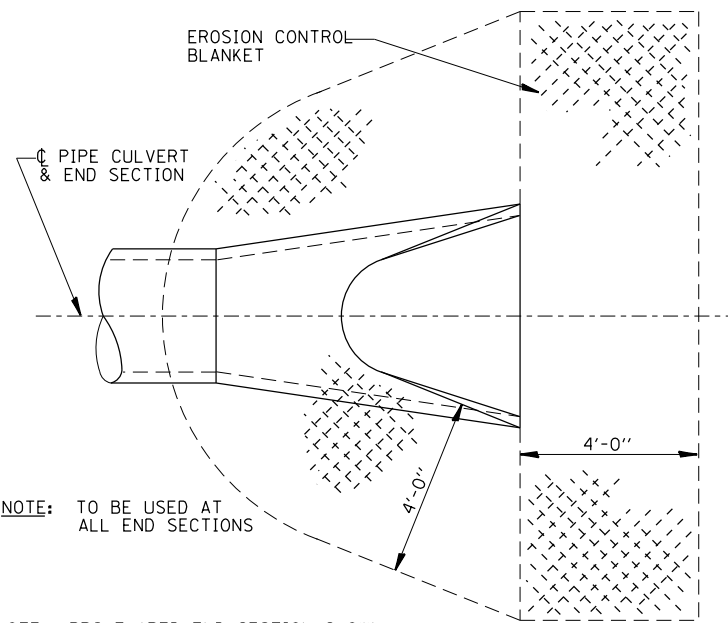
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
NO. BOOK	
NO.	
FILE NAME	



SECTION THROUGH PRECAST BOX CULVERT



EROSION CONTROL BLANKET AT BOX CULVERT END SECTIONS



DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION



USER NAME = rmanucod	DESIGNED - SA	REVISED -
	DRAWN - RM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - GC	REVISED -
PLOT DATE = 7/27/2016	DATE - 7/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	126(BR)	KENDALL	33	29
CONTRACT NO. 66C62				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FILE NAME = G:\P\10101010101 6662 Culvert Design STR & ROW\10101010101 6662.dwg

DELTA ENGINEERING GROUP, LLC

USER NAME: rmmwood
 DRAWN: DB
 CHECKED: CC
 DATE: 7/26/2016

DESIGNED: DB
 REVISIONS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

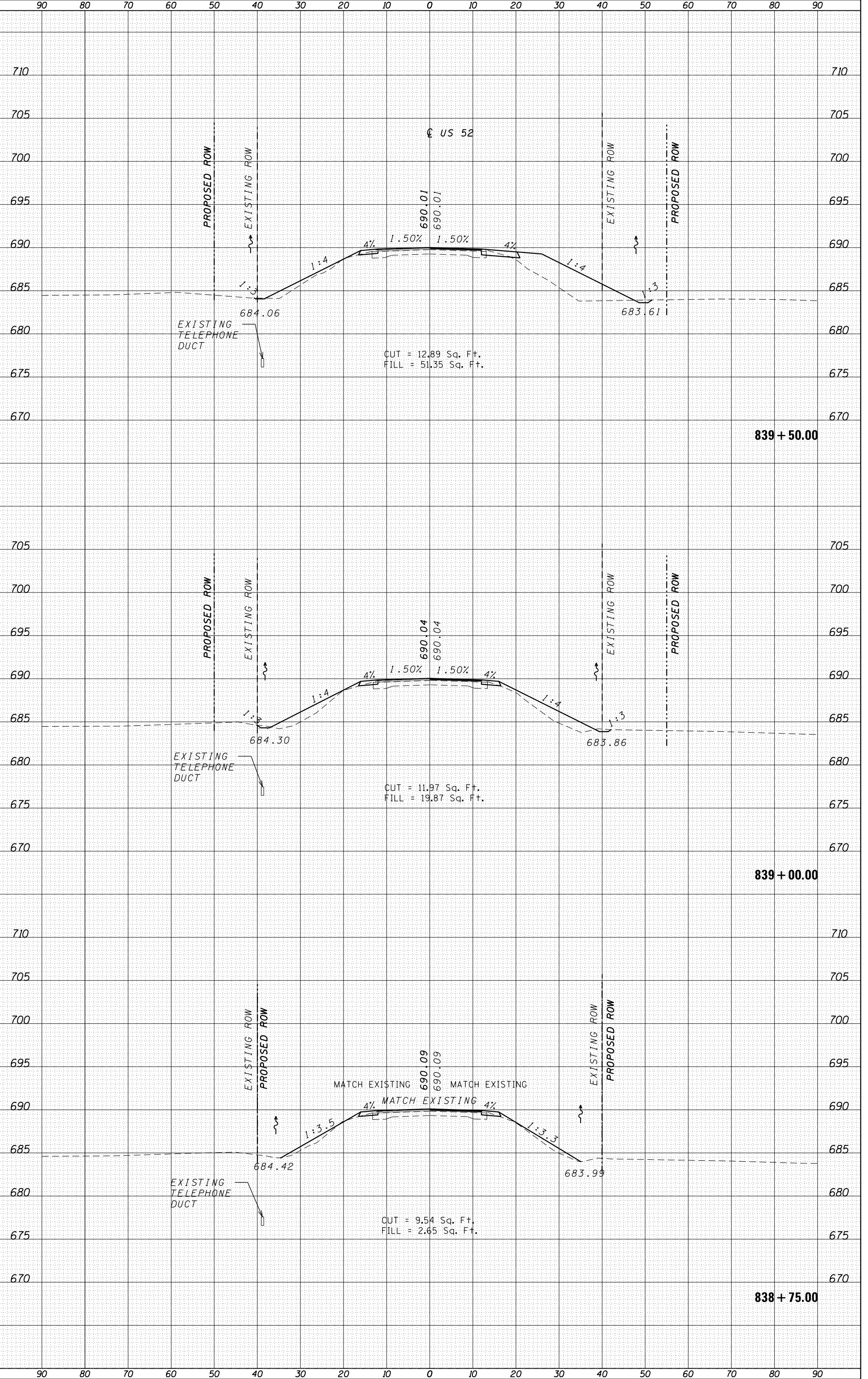
SCALE: HORIZ. 1"=20'
 VERT. 1"=2'

SHEET 1 OF 4 SHEETS STA. 838+75.00 TO STA. 839+50.00

CROSS SECTIONS

F.A.P. RT# 607
 SECTION 126(BB)
 COUNTY KENDALL
 CONTRACT NO. 66662

TOTAL SHEET NO. 33
 SHEETS 30



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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DELTA ENGINEERING GROUP, LLC

USER NAME: rmmwood
 PLOT SCALE: 28.0000 / in.
 PLOT DATE: 7/27/2016

DESIGNED: DB
 DRAWN: DB
 CHECKED: CC
 DATE: 7/26/2016

REVISIONS:

NO.	DATE	DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

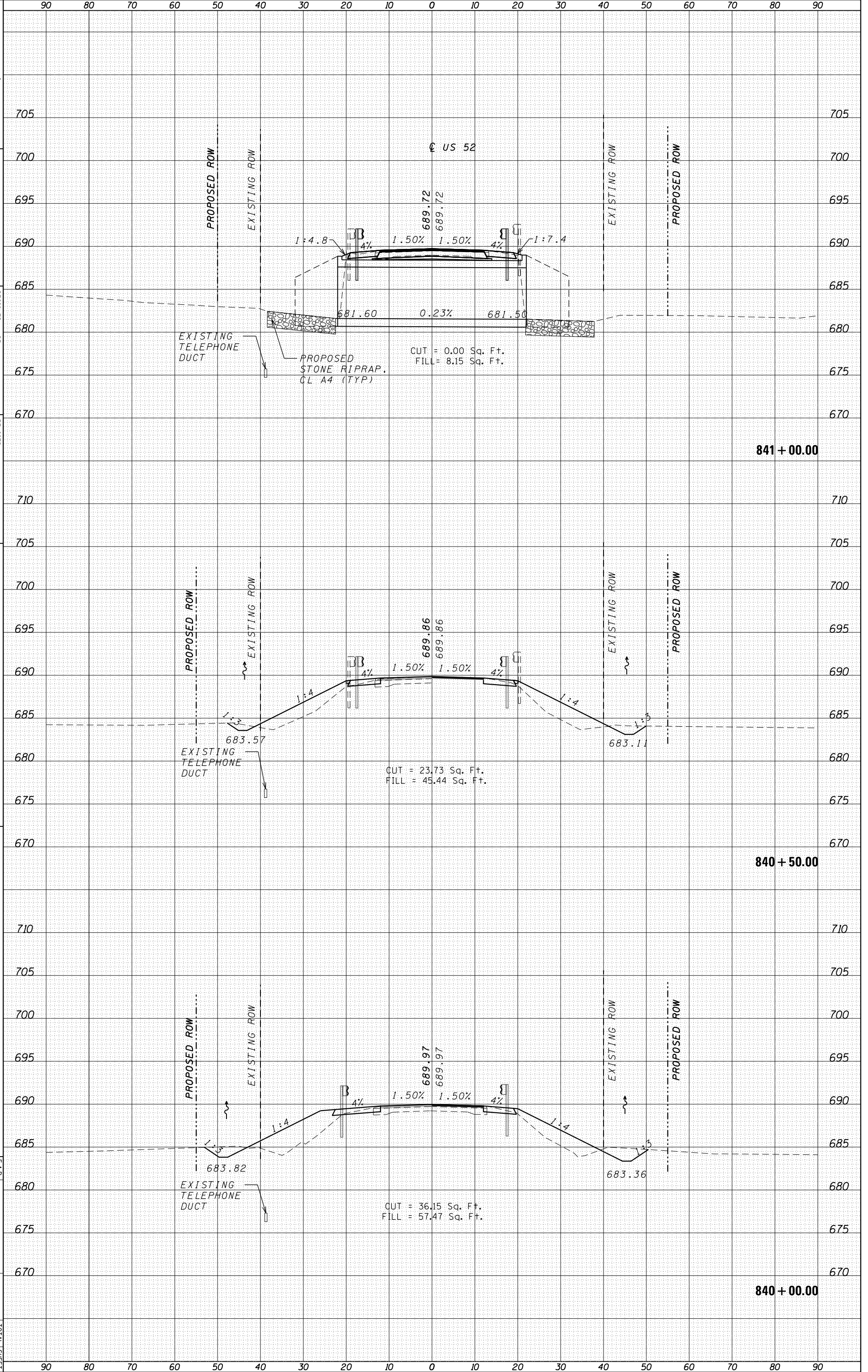
SCALE: HORIZ. 1"=20'
 VERT. 1"=2'

SHEET 2 OF 4 SHEETS STA. 840+00.00 TO STA. 841+00.00

CROSS SECTIONS

F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS
607	126(BR)	KENDALL	33
			31

ILLINOIS FED. AID PROJECT CONTRACT NO. 66662



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

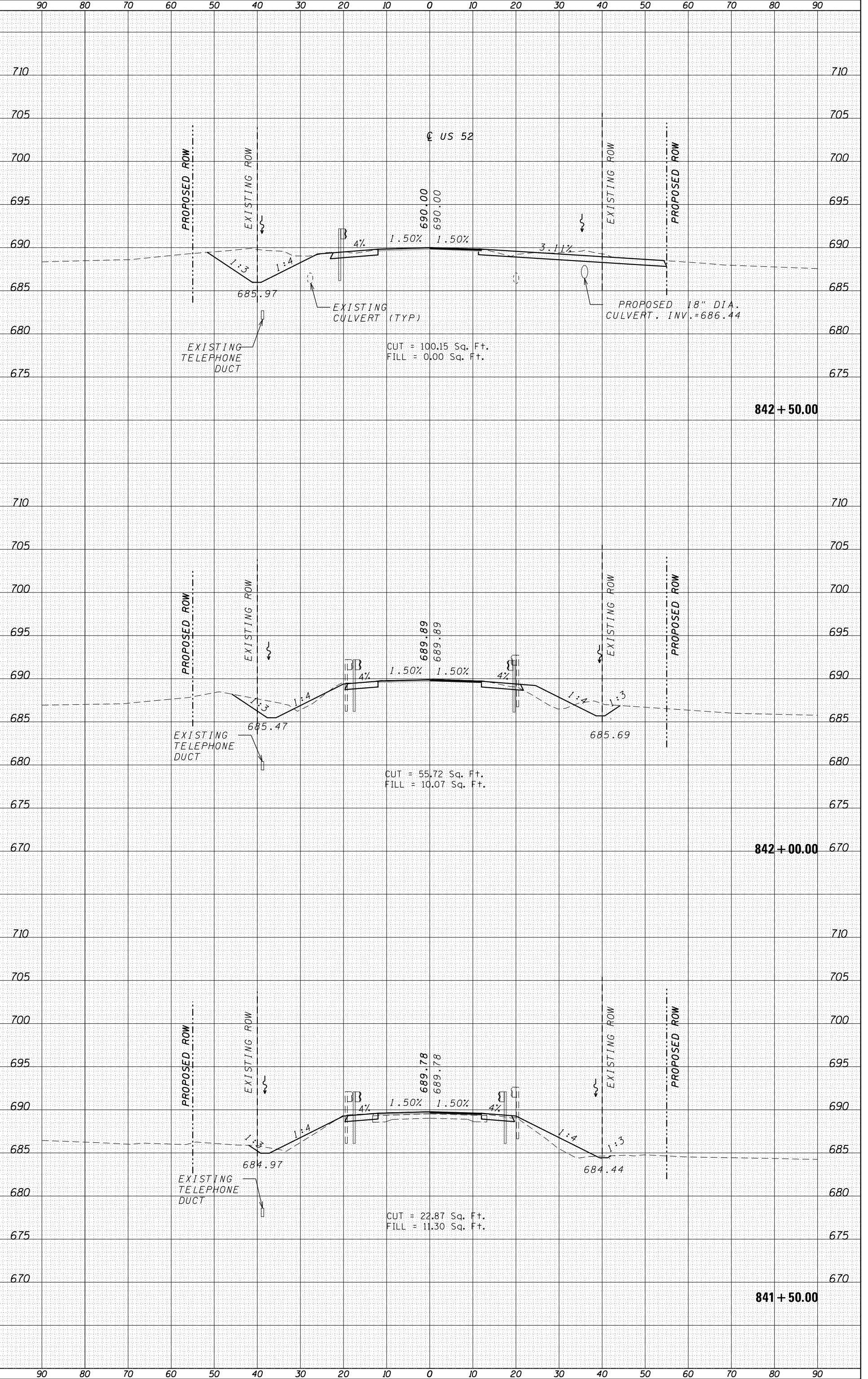
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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DESIGNED - DB	REVISION
DRAWN - DB	REVISION
CHECKED - CC	REVISION
DATE - 7/26/2016	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	SECTION	COUNTY	TOTAL SHEET NO.
SCALE: HORIZ. 1"=20'	607	KENDALL	33
SHEET 3 OF 4 SHEETS	126(BB)		32
STA. 841+50.00 TO STA. 842+50.00			
			CONTRACT NO. 66662



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FILE NAME = G:\P\10101010101 6662 Culvert Design STR & ROW\10101010101\10101010101\10101010101\10101010101.dgn

DELTA ENGINEERING GROUP, LLC

USER NAME = rmmwood

DESIGNED - DB

DATE - 7/26/2016

PLLOT SCALE = 28.0000' / in.

CHECKED - CC

REVISIONS

DESIGNED - DB

REVISIONS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SCALE: HORIZ. 1" = 20'

VERT. 1" = 2'

SHEET 4 OF 4 SHEETS

STA. 843+00.00 TO STA. 844+00.00

CROSS SECTIONS

F.A.P. RT# 607

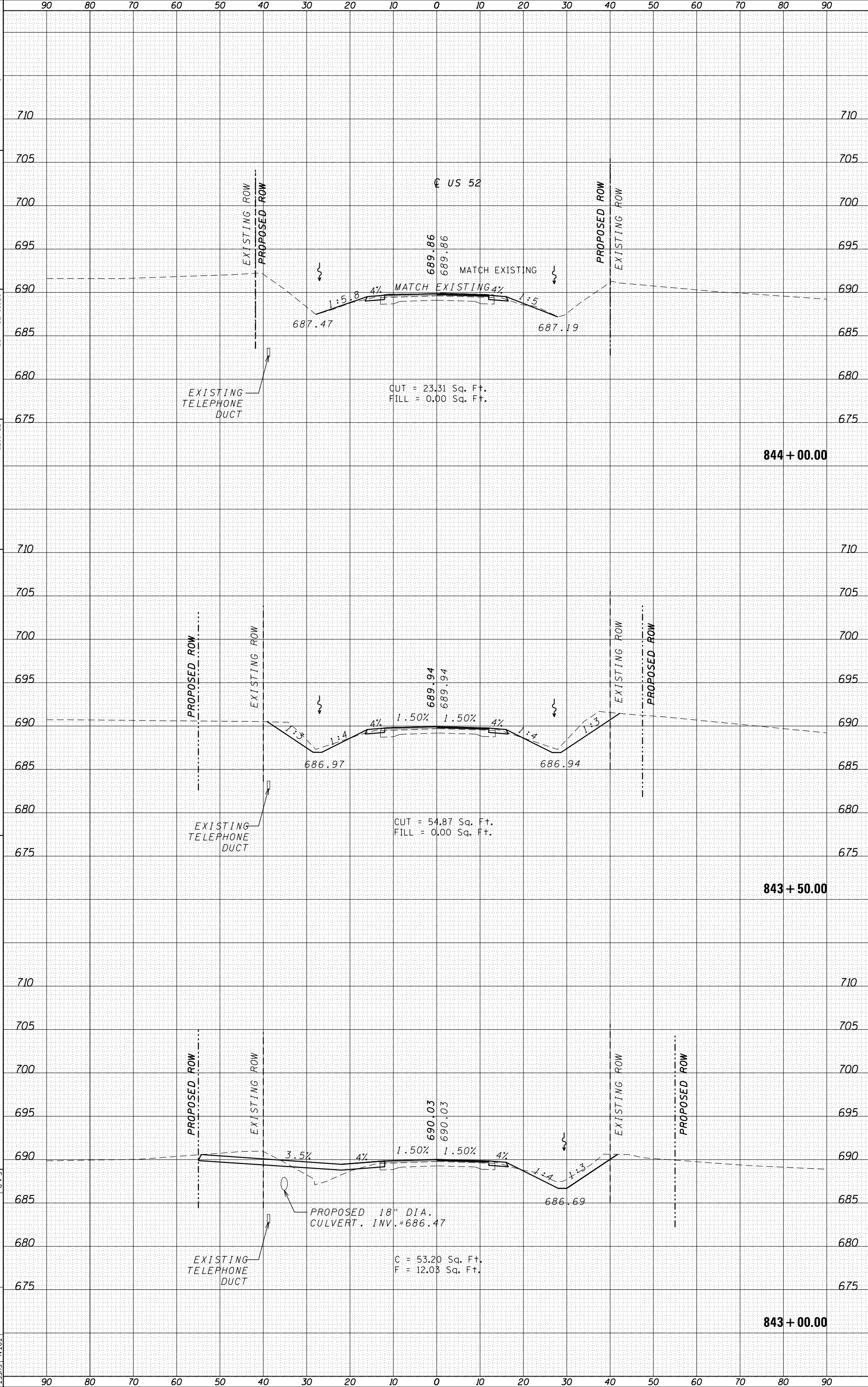
SECTION 126(B)(1)

COUNTY KENDALL

CONTRACT NO. 66662

TOTAL SHEET NO. 33

SHEETS 33



90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

710 705 700 695 690 685 680 675

710 705 700 695 690 685 680 675

710 705 700 695 690 685 680 675

844 + 00.00

843 + 50.00

843 + 00.00

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90