F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	45	1
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 61M06		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

11-06-2026 LETTING ITEM 025

FEDERAL AID PROGRAM ENGINEER, CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 0366 (FARRELL RD.) OVER SPRING CREEK
BRIDGE REPLACEMENT
SECTION 21-00542-00-BR
PROJECT NO. UUU5(053)
CITY OF JOLIET
WILL COUNTY
JOB C-91-202-24

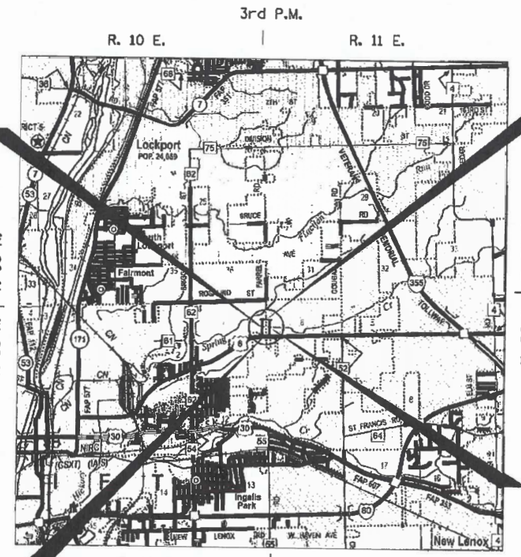
FARRELL ROAD TRAFFIC DATA:

ADT:	4,750 VPD (2023 TRAFFIC)
POSTED SPEED:	35 MPH
DESIGN SPEED:	40 MPH
DESIGN DESIGNATION:	MAJOR COLLECTOR



LOCATION OF SECTION INDICATED THUS:- ▬

3rd P.M.



EXISTING STRUCTURE SN 099-4300
SINGLE SPAN PPC DECK BEAM SUPERSTRUCTURE WITH CONCRETE RAIL ON CONCRETE CLOSED ABUTMENTS,
51'-0" BK TO BK AND 36'-0" O TO O DECK,
NO SKEW (TO BE REMOVED)

BEGIN IMPROVEMENT
STA 115+25.00

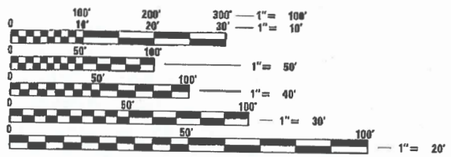
PROPOSED STRUCTURE SN 099-4306
SINGLE SPAN 33" PPC DECK BEAMS ON PILE BENT ABUTMENTS
74'-3" BK. TO BK. AND 40'-0" O. TO O.,
NO SKEW

END IMPROVEMENT
STA 119+75.00

LOCATION MAP

1 MI 0 1 MI
APPROXIMATE SCALE

NET LENGTH OF PROJECT = 450.00 FEET = 0.085 MILES



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

8/11/26
DATE

LUKE D. ZELLER
062-064201
REGISTERED PROFESSIONAL ENGINEER OF
STATE OF ILLINOIS
DATE 11-30-2027
SIGNATURE

ENGINEERS SEAL

Hutchison Engineering, Inc.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 07/07 2026
CITY OF JOLIET DIRECTOR OF PUBLIC WORKS

PASSED August 20 2026
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW August 20, 2026
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61M06

3709C001

GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT. SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

2. THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.

3. THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.

4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

6. 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 STANARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

7. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURE IS TO BE PLACED.

8. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN EXISTING ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

9. IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS.

10. ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.

11. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

12. ALL SCHOOL DISTRICTS, LOCAL POLICE DEPARTMENTS AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST TEN (10) DAYS PRIOR TO THE START OF CONSTRUCTION.

13. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER.

14. PROTECTION AND RESTORATION OF TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. EXISTING ROADWAY SIGNS SHALL BE RELOCATED TO 6'-12' FROM TRAVELED WAY - WHITE EDGE LINE.

15. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF THE AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR 1.

16. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

17. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED.

18. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTORS VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER.

19. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

20. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING CREEK AND WETLAND. A PHOSPHORUS-FREE FERTILZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL ZERO).

21. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.

22. THE ILLINOIS DEPARTMENT OF TRANSPORTATION IS NOT THE OWNER OF RECORD FOR THIS BRIDGE. FOR INFORMATION REGARDING THE EXISTING STRUCTURE SEE EXISTING STRUCTURE PLANS ON SHEETS 34-37.

23. THOSE SEEKING THE FULL HYDRAULIC REPORT SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION PLEASE CONTACT:

GARRETT TIERNEY - CIVIL ENGINEER 1
CITY OF JOLIET- PUBLIC WORKS
815-724-4089

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS---------- 2.05 TONS/CU YD
NITROGEN FERTILIZER NUTRIENT---------- 60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)
POTASSIUM FERTILIZER NUTRIENT---------- 60 LBS/ACRE (SODDING) 90 LBS/ACRE (SEEDING)
SHORT TERM PAVEMENT MARKING---------- 10 FT/100 FT OF FINAL APPLICATION

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS AND LIST OF STANDARDS
3-7	SUMMARY OF QUANTITIES
8-9	TYPICAL SECTIONS
10-12	SCHEDULES OF QUANTITIES
13	ALIGNMENT, TIES, AND BENCHMARKS
14	PLAN & PROFILE
15	DETOUR PLAN
16	EROSION CONTROL PLAN
17	LANDSCAPING PLAN
18-21	LANDSCAPING & EROSION CONTROL DETAILS
22-23	RIGHT OF WAY SHEETS
24	PAVEMENT MARKING PLAN
25-33	STRUCTURE PLANS
34-37	EXISTING STRUCTURE PLANS (FOR INFORMATION ONLY)
38	SPECIAL DETAILS
39	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
40	DISTRICT ONE DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
41	DISTRICT ONE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
42	DISTRICT ONE BENCHING DETAIL FOR EMBANKMENT
43-46	CROSS SECTIONS

LIST OF STANDARDS

000001-09	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
515001-04	NAME PLATE FOR BRIDGES
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631032-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
701101-05	OFF-RD OPERATIONS, MULTILANE 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)
B.L.R. 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

COMMITMENTS

TREES THREE (3) INCHES OR GREATER IN DIAMTER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30 OF ANY GIVEN YEAR.

TEMPORARY IMPACTS SHALL BE MITIGATED VIA RESTORING ORIGINAL CONTOURS AND RE-SEEDING WITH NATIVE WETLAND SPECIES (A CLASS 4B AND 5B SEED MIXTURE IN ACCORDANCE WITH SECTION 250 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION).

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Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/19/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
GENERAL NOTES, INDEX OF SHEETS AND LIST OF STANDARDS

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	2
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 80% FEDERAL 20% LOCAL 0004	CONSTRUCTION CODE BRIDGE 80% FEDERAL 20% LOCAL 0010
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20	
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25	
20101000	TEMPORARY FENCE	FOOT	553	553	
20200100	EARTH EXCAVATION	CU YD	613	613	
20300100	CHANNEL EXCAVATION	CU YD	395		395
20800150	TRENCH BACKFILL	CU YD	17	17	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	287	287	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	812	812	
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25	
25000310	SEEDING, CLASS 4	ACRE	0.25	0.25	
25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25	
25000324	SEEDING, CLASS 5B	ACRE	0.25	0.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2	2	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2	2	

* SPECIALTY ITEM

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Hutchison Engineering, Inc.

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	DRAWN - RMD	REVISED -
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PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
SUMMARY OF QUANTITIES

SCALE: N/A | SHEET NO. 1 OF 5 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	3
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

				CONSTRUCTION CODE	
				ROADWAY	BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL 0004	80% FEDERAL 20% LOCAL 0010
25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	812	812	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	190	190	
28000305	TEMPORARY DITCH CHECKS	FOOT	30	30	
28000400	PERIMETER EROSION BARRIER	FOOT	604	604	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
28001105	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	812	812	
28100105	STONE RIPRAP, CLASS A3	SQ YD	112	112	
28100109	STONE RIPRAP, CLASS A5	SQ YD	470		470
28200200	FILTER FABRIC	SQ YD	422	112	310
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	287	287	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	1145	1145	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	222	222	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2325	2325	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	450	450	

* SPECIALTY ITEM

				CONSTRUCTION CODE	
				ROADWAY	BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL 0004	80% FEDERAL 20% LOCAL 0010
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	463	463	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	150	113	37
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	485	485	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	25	25	
44000100	PAVEMENT REMOVAL	SQ YD	1058	1058	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	162	162	
44004000	PAVED DITCH REMOVAL	FOOT	169	169	
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	709	709	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	140	140	
50200100	STRUCTURE EXCAVATION	CU YD	110		110
50300225	CONCRETE STRUCTURES	CU YD	35.2		35.2
50300280	CONCRETE ENCASEMENT	CU YD	11.4		11.4
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2897		2897

* SPECIALTY ITEM

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PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
SUMMARY OF QUANTITIES

SCALE: N/A | SHEET NO. 3 OF 5 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	5
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

					CONSTRUCTION CODE	
					ROADWAY	BRIDGE
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
					0004	0010
	50800105	REINFORCEMENT BARS	POUND	3720		3720
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	150		150
	51265002	DRILLING AND SETTING PILES (IN ROCK)	CU FT	114		114
	51500100	NAME PLATES	EACH	1		1
	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	54	54	
	542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	58	58	
	54262715	METAL FLARED END SECTIONS 15"	EACH	2	2	
	54262718	METAL FLARED END SECTIONS 18"	EACH	2	2	
	58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	330		330
	58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	181		181
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	23.6		23.6
*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	188	188	
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	
*	63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	1	1	

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 80% FEDERAL 20% LOCAL 0004	CONSTRUCTION CODE BRIDGE 80% FEDERAL 20% LOCAL 0010
*	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	3	3	
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3	
*	63200310	GUARDRAIL REMOVAL	FOOT	390	390	
	67100100	MOBILIZATION	L SUM	1	1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30	
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	1020	1020	
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1020	1020	
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16	
	X0326806	WASHOUT BASIN	L SUM	1	1	
*	X2300017	STEEL RAILING, TYPE SM (SPECIAL)	FOOT	149		149
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

* SPECIALTY ITEM

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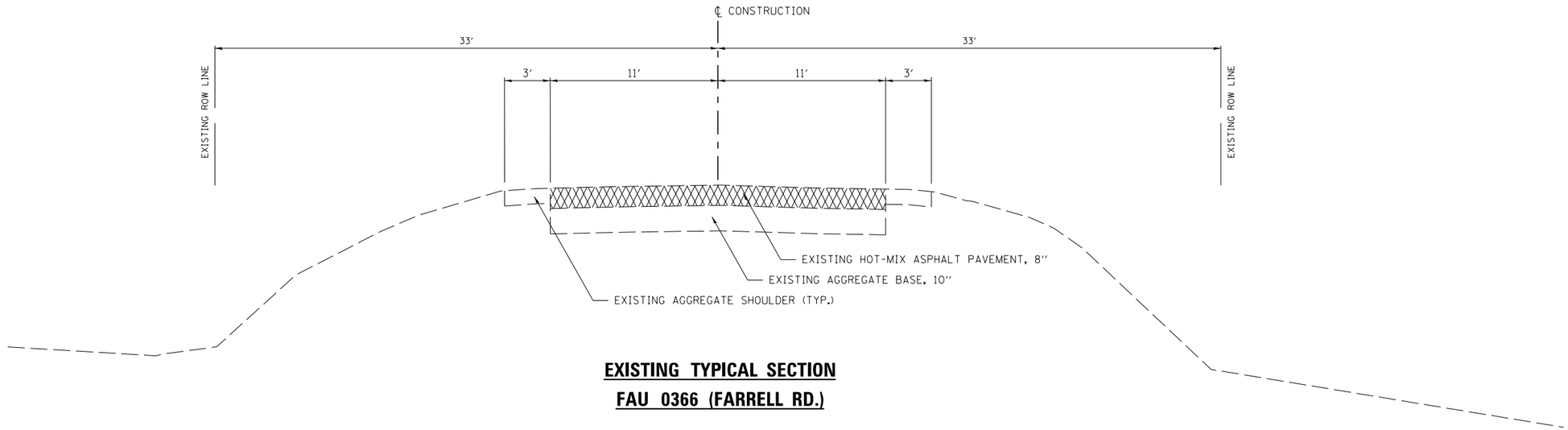
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PLOT DATE = 9/15/2025	DATE = 09/29/25	REVISED =	

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
SUMMARY OF QUANTITIES

SCALE: N/A | SHEET NO. 5 OF 5 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	7
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



EXISTING TYPICAL SECTION

FAU 0366 (FARRELL RD.)

STA. 115+25.00 TO STA. 117+40.11
STA. 117+40.11 TO STA. 117+89.89 (BRIDGE OMISSION)
STA. 117+89.89 TO STA. 119+75.00

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Hutchison Engineering, Inc.

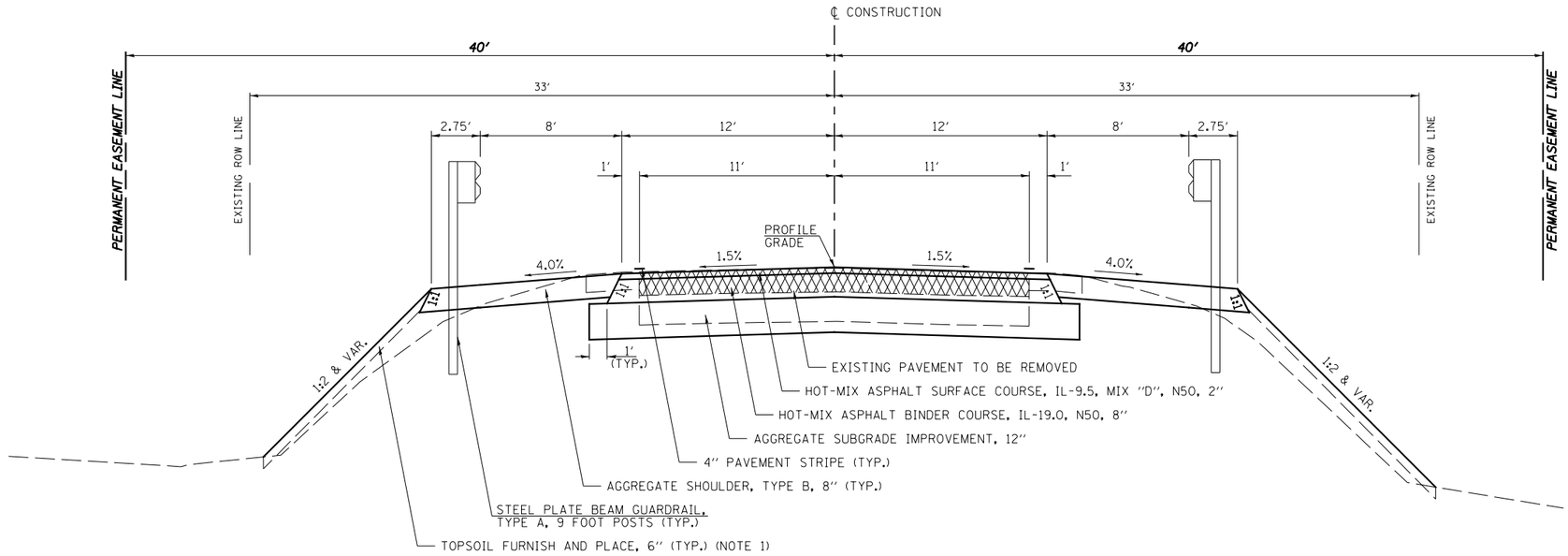
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PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
EXISTING TYPICAL SECTION

SCALE: N/A | SHEET NO. 1 OF 2 SHEETS | STA. N/A | TO STA. N/A

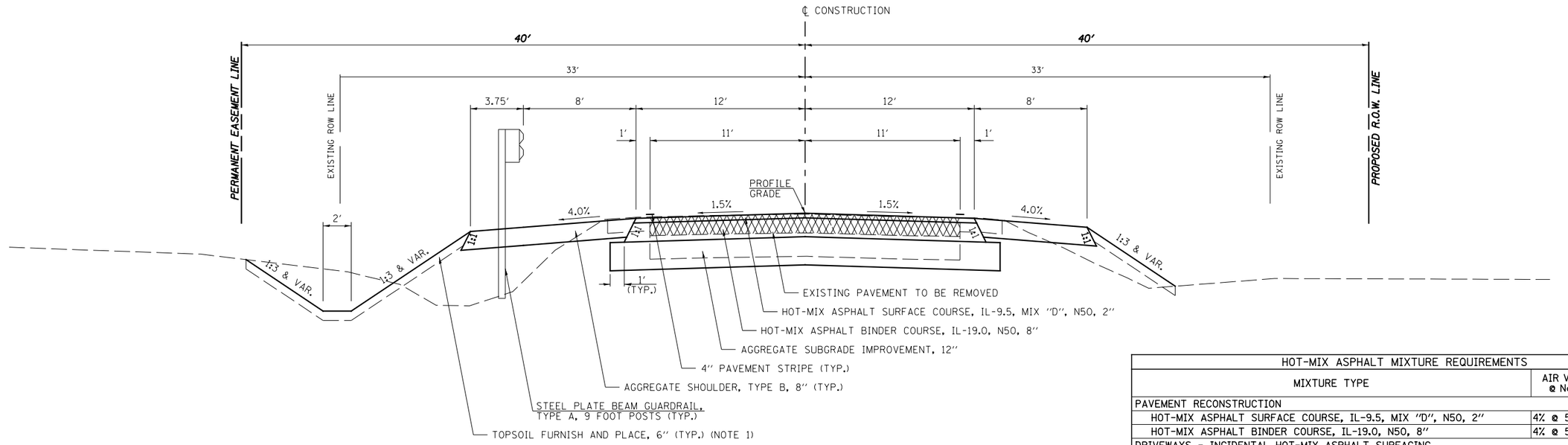
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	8
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



PROPOSED TYPICAL SECTION

FAU 0366 (FARRELL RD.)

STA. 115+25.00 TO STA. 117+28.22



NOTES:

1. FOR SLOPES LESS THAN 1:3, LINE SLOPE WITH STONE RIPRAP, CLASS A3 WITH FILTER FABRIC.

PROPOSED TYPICAL SECTION

FAU 0366 (FARRELL RD.)

STA. 118+02.47 TO STA. 119+75.00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"	4% @ 50 GYR	LR 1030-2
DRIVEWAYS - INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

NOTES:
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR HMA MIXES SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-typtyp-2.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 8.000000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
PROPOSED TYPICAL SECTION

SCALE: N/A | SHEET NO. 2 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	9
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

EARTHWORK

1			2	3	4	5
STATION	TO	STATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN EMBANKMENT	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
			CU YD			
FAU 0366 (FARRELL RD.)						
115+25	TO	117+28	320	240	133	107
118+03	TO	119+75	293	220	53	167
		TOTAL	613	460	186	274

SHRINKAGE FACTOR: 25%

EARTH EXCAVATION:

COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
CUT = EARTH EXCAVATION FILL = EMBANKMENT
COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)
COLUMN 5 = COLUMN 3 - COLUMN 4

PAY ITEMS:

COLUMN 2 IS EARTH EXCAVATION = 613 CU YD

SEEDING, NUTRIENTS & EROSION CONTROL BLANKET

LOCATION				21101625 TOPSOIL FURNISH AND PLACE 6"	25000210 SEEDING, CLASS 2A	25000310 SEEDING, CLASS 4	25000314 SEEDING, CLASS 4B	25000324 SEEDING, CLASS 5B	25000400 NITROGEN FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100645 WILDLIFE FRIENDLY EROSION CONTROL BLANKET
STATION +/-	TO	STATION +/-	SIDE	SQ YD	ACRE	ACRE	ACRE	ACRE	POUND	POUND	SQ YD
FAU 0366 (FARRELL RD.)											
115+25	TO	117+28	LT	227		0.05					227
115+25	TO	115+62	RT	47		0.01					47
115+62	TO	117+28	RT	227		0.05					227
117+66	TO	117+84	LT	24			0.01	0.01			24
118+03	TO	119+75	LT	173		0.04					173
118+03	TO	118+47	RT	17		0.01					17
118+47	TO	119+75	RT	97	0.02				2	2	97
			TOTAL	812	0.02	0.16	0.01	0.01	2	2	812
			USE	812	0.25	0.25	0.25	0.25	2	2	812
SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE											

TEMPORARY FENCE

LOCATION					20101000
STATION	OFFSET	TO	STATION	OFFSET	FOOT
FAU 0366 (FARRELL RD.)					
115+25	33' RT	TO	115+25	40' RT	7
115+25	40' RT	TO	115+50	40' RT	25
115+62	40' RT	TO	117+28	40' RT	166
115+45	33' LT	TO	115+45	40' LT	7
115+45	40' LT	TO	117+28	40' LT	183
118+03	40' LT	TO	119+60	40' LT	158
119+60	40' LT	TO	119+60	33' LT	7
				TOTAL	553

TEMPORARY EROSION CONTROL SEEDING

STATION +/-	TO	STATION +/-	SIDE	ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	28000250 TOTAL POUND	28001105 TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET SQ YD
FAU 0366 (FARRELL RD.)								
115+25	TO	117+28	LT	0.05	100	10	50	227
115+25	TO	117+28	RT	0.06	100	10	60	274
177+66	TO	117+84	LT	0.01	100	10	10	24
118+03	TO	119+75	LT	0.04	100	10	40	173
118+03	TO	119+75	RT	0.03	100	10	30	114
						USE	190	812

RIP RAP

LOCATION				STONE RIPRAP, CLASS A3	FILTER FABRIC
STATION	TO	STATION	SIDE	SQ YD	SQ YD
FAU 0366 (FARRELL RD.)					
118+03	TO	119+75	LT	112	112
			TOTAL	112	112

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)

LOCATION		28000305 LENGTH FOOT
STATION	OFFSET	
FAU 0366 (FARRELL RD.)		
118+40	33.8' LT	10
118+90	32.8' LT	10
119+40	28.3' LT	10
	TOTAL	30

PERIMETER EROSION BARRIER

STATION +/-	TO	STATION +/-	SIDE	28000400 LENGTH FOOT
FAU 0366 (FARRELL RD.)				
115+25	TO	117+28	LT	216
115+25	TO	115+50	RT	46
115+62	TO	117+28	RT	182
118+03	TO	118+13	RT	25
118+51	TO	119+75	RT	135
			TOTAL	604

INLET AND PIPE PROTECTION

STATION	OFFSET	28000500 EACH
FAU 0366 (FARRELL RD.)		
115+26.0	28.7' RT	1
118+53.0	27.6' RT	1
	TOTAL	2

TREE REMOVAL

LOCATION		20100210 OVER 15 UNITS DIAMETER
STATION	OFFSET	UNIT
FAU 0366 (FARRELL RD.)		
118+58.5	29' RT	20
	TOTAL	20
OFFSETS ARE FROM PROPOSED CENTERLINE		

TREE REMOVAL, ACRES

STATION	TO	STATION	SIDE	20100500 ACRE
FAU 0366 (FARRELL RD.)				
115+20	TO	115+50	RT	0.01
115+68	TO	117+42	RT	0.07
117+94	TO	118+13	RT	0.01
			TOTAL	0.09
			USE	0.25

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-pht-schedule-1.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
SCHEDULE OF QUANTITIES

SCALE: N/A | SHEET NO. 1 OF 3 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	10
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

PAVEMENT

LOCATION			30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40600290 BITUMINOUS MATERIALS (TACK COAT)	40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	48101600 AGGREGATE SHOULDERS, TYPE B 8"
STATION	TO	STATION	SQ YD	POUND	POUND	TON	TON	SQ YD
FAU 0366 (FARRELL RD.)								
115+25.00	TO	117+28.22	621	1261	244	251	61	435
118+02.47	TO	119+75.00	524	1064	206	212	52	274
		TOTAL	1145	2325	450	463	113	709

ENTRANCES

LOCATION			EXISTING ENT. MATERIAL	31101400 SUBBASE GRANULAR MATERIAL, TYPE B 6"	40800025 BITUMINOUS MATERIALS (PRIME COAT)	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	SIDE	TYPE		SQ YD	POUND	TON
FAU 0366 (FARRELL RD.)						
115+71.3	RT	PE	BIT	77	165	9
118+13.3	RT	PE	BIT	145	320	16
			TOTAL	222	485	25

PIPE CULVERT REMOVAL

LOCATION		OFFSET +/-	SIZE (INCHES)	TYPE	50105220 LENGTH
STATION +/-	SIDE	FOOT			FOOT
FAU 0366 (FARRELL RD.)					
115+61	RT	30	15	CMP	69
118+27	RT	24	18	CMP	71
				TOTAL	140
CFFSETS ARE FROM PROPOSED CL					

PIPE CULVERTS

LOCATION		PIPE CULVERTS CLASS D 542D0223 TYPE 1 18"	PIPE CULVERTS CLASS D 542D1060 TYPE 2 15"	METAL FLARED END SECTIONS 54262715 15"	METAL FLARED END SECTIONS 54262718 18"	20800150 TRENCH BACKFILL
STATION	SIDE	FOOT	FOOT	EACH	EACH	CU YD
FAU 0366 (FARRELL RD.)						
115+71.3	RT		58	2		10
118+13.3	RT	54			2	7
	TOTAL	54	58	2	2	17

PAVEMENT REMOVAL

LOCATION			44000100 AREA
STATION +/-	TO	STATION +/-	SQ YD
FAU 0366 (FARRELL RD.)			
115+25.00	TO	117+28.22	557
118+02.47	TO	119+75.00	501
		TOTAL	1058

DRIVEWAY PAVEMENT REMOVAL

LOCATION		TYPE	44000200 HOT-MIX ASPHALT
STATION	SIDE		SQ YD
FAS 0366 (FARRELL RD.)			
115+71.30	RT	PE	65
118+13.30	RT	PE	97
		TOTAL	162

PAVED DITCH REMOVAL

LOCATION			SIDE	44004000
STATION	TO	STATION		FOOT
FAU 0366 (FARRELL RD.)				
118+06	TO	119+75	LT	169
			TOTAL	169

GUARDRAIL REMOVAL

STATION +/-	TO	STATION +/-	SIDE	63200310 FOOT
FAU 0366 (FARRELL RD.)				
115+43.3	TO	115+45.9	RT	15
115+74.4	TO	117+39.8	RT	172
116+51.5	TO	117+39.4	LT	88
117+90.2	TO	118+90.7	LT	100
117+90.5	TO	118+04.5	RT	15
			TOTAL	390

PAVEMENT MARKING

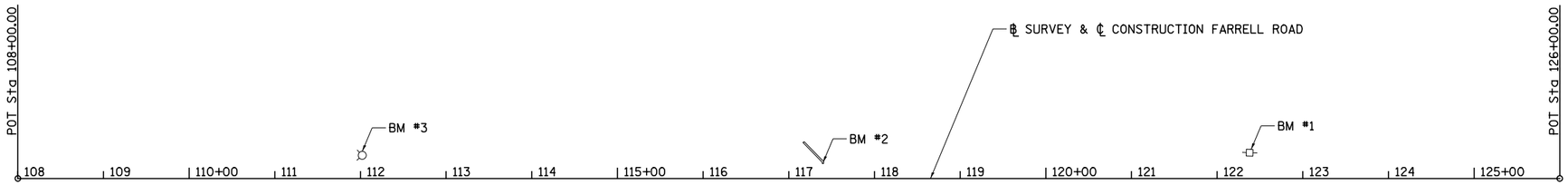
STATION	TO	STATION	MODIFIED URETHANE	
			LINES - 4"	
			SOLID	SKIP-DASH
			WHITE	YELLOW
			EDGE OF PAV'T.	CENTER LINE
			78009004	
			FOOT	
FAU 0366 (FARRELL RD.)				
115+25	TO	119+75	900	120
		SUBTOTAL	900	120
		TOTAL	1020	

TEMPORARY PAVEMENT MARKING

STATION	TO	STATION	PAINT	
			LINES - 4"	
			SOLID	SKIP-DASH
			WHITE	YELLOW
			EDGE OF PAV'T.	CENTER LINE
			70300221	
			FOOT	
FAU 0366 (FARRELL RD.)				
115+25	TO	119+75	900	120
		SUBTOTAL	900	120
		TOTAL	1020	

STEEL PLATE BEAM GUARDRAIL

STATION +/-	TO	STATION +/-	SIDE	63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS	63100045 TRAFFIC BARRIER TERMINAL, TYPE 2	63100075 TRAFFIC BARRIER TERMINAL, TYPE 5A	63100087 TRAFFIC BARRIER TERMINAL, TYPE 6A	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	78200005 GUARDRAIL REFLECTORS, TYPE A	72501000 TERMINAL MARKER DIRECT APPLIED
				FOOT	EACH	EACH	EACH	EACH	EACH	EACH
FAU 0366 (FARRELL RD.)										
115+59.5	TO	115+47.0	LT					1		1
115+47.0	TO	116+84.5	LT	137.5					4	
116+84.5	TO	117+28.2	LT				1			
115+84.5	TO	116+34.5	RT					1		1
116+34.5	TO	116+84.5	RT	50.0					4	
116+84.5	TO	117+28.2	RT				1			
118+02.5	TO	118+46.2	LT				1		4	
118+46.2	TO	118+96.2	LT					1		1
118+02.5	TO	118+12.2	RT			1			4	
118+12.2	TO	118+12.9	RT		1					
			TOTAL	187.5	1	1	3	3	16	3
			USE	188	1	1	3	3	16	3



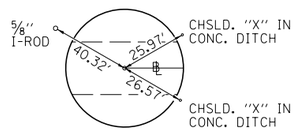
BENCHMARK DATA

BM #1 - RR SPIKE
IN POWER POLE
STA. 122+38, 30' LT
ELEV. 646.48

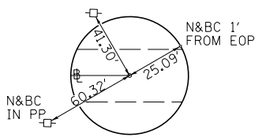
BM #2 - CHISLED "□" ON
N.E. WING WALL OF BRIDGE
STA. 117+40, 19' LT
ELEV. 630.33

BM #3 - CHISLED "X" ON FIRE
HYDRANT S.W. FLANGE BOLT
STA. 112+02, 27' LT
ELEV. 635.91

TIE-POINT DATA



POT STA 112+64.54
MAG NAIL



POT STA 122+65.00
MAG NAIL

ALIGNMENT COORDINATES - FARRELL ROAD			
ALIGNMENT	STATION	N	E
POT	108+00.00	1779485.3852	1068683.2805
POT	126+00.00	1777686.0657	1068732.7718

CONTROL POINT DATA

CONTROL POINT 1	CONTROL POINT 2	CONTROL POINT 3	CONTROL POINT 4	CONTROL POINT 5
PK NAIL	PK NAIL	PK NAIL	PK NAIL	PK NAIL
N: 1778887.192	N: 1778195.645	N: 1778391.245	N: 1778562.428	N: 1779053.630
E: 1068723.601	E: 1068736.450	E: 1068757.582	E: 1068727.977	E: 1068719.457
ELEV = 631.99	ELEV = 637.28	ELEV = 629.96	ELEV = 628.29	ELEV = 633.95

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Crk\3709 - Farrell Road\CADD Sheets\3709-int-ATB.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 160.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. 108+00 TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	13
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

NOTES: TBT TYPE 5A TO BE CURVED AS NOTED.

POSTS FOR TERMINALS IN THIS QUADRANT TO BE INSTALLED AS NECESSARY TO AVOID PROPOSED 18" PIPE CULVERT UNDER ENTRANCE.

T 35 N, R 11 E, 3rd PM
SECTION 6

WILL COUNTY FOREST PRESERVE

PAVEMENT RECONSTRUCTION CONSISTS OF:
HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
HMA BINDER COURSE, IL-19.0, N50, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PROPOSED CONSTRUCTION LIMITS

TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT

TRAFFIC BARRIER TERMINAL TYPE 6A

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FT POSTS (137.5')

SPRING CREEK

REMOVAL OF EXISTING STRUCTURE (SN 099-4300)

℄ SURVEY & ℄ CONSTRUCTION

STA 115+45.00
40.05' LT

STA 115+45.00
33.05' LT

PR PERMANENT ESMT

STA 119+60.00
40.01' LT

STA 119+60.00
33.01' LT

EX ROW LINE

CONC DITCH

AGG SHLD

115+00 | 116 | 117 | 118 | 119 | 120+00

AGGREGATE SHOULDER, TYPE B, 8"

FAU 0366 (FARREL RD.)

TRAFFIC BARRIER TERMINAL TYPE 5A (SEE NOTE)

R=10'

EX GUARDRAIL TO BE REMOVED (TYP)

66' EX ROW

IMPROVEMENT BEGINS
STA 115+25.00

STA 115+25.00
32.95' RT

STA 115+25.00
39.95' RT

15" CMP
TBR

PR PERMANENT ESMT

TRAFFIC BARRIER TERMINAL TYPE 6A

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FT POSTS (50.0')

TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT

STA 115+71.3
PIPE CULVERT, CLASS D, TYPE 2 15"x58'
W/ END SECTIONS, 2-EACH (STD 542401)
USFL 623.11, STA 115+26.0, 28.7' RT
DSFL 622.63, STA 115+84.0, 35.9' RT

℄ PE +71.3

PROPOSED STRUCTURE SN 099-4306
STATION 117+65.35
SINGLE SPAN PPC DK BM STRUCTURE ON CONCRETE SPILL THRU PILE BENT ABUTMENTS
74'-3" BK TO BK, AND 40'-0" O TO O DECK,
NO SKEW (SEE STRUCTURE PLANS)

T 35 N, R 10 E, 3rd PM
SECTION 1

WILL COUNTY FOREST PRESERVE

PR ROW LINE

STA 117+66.18
32.97' RT

STA 117+66.86
39.97' RT

18" CMP
TBR

TRAFFIC BARRIER TERMINAL TYPE 2

℄ PE +13.5

BLDG

CONC SW

STA 118+55.00
32.98' RT

STA 118+55.00
39.98' RT

STA 118+13.3
PIPE CULVERT, CLASS D, TYPE 1 18"x54'
W/ END SECTIONS, 2-EACH (STD 542401)
USFL 627.22, STA 118+53.0, 27.6' RT
DSFL 625.06, STA 117+99.0, 28.1' RT

PROPOSED CONSTRUCTION LIMITS

EX ROW LINE

IMPROVEMENT ENDS
STA 119+75.00

ENRIQUE GUZMAN &
CESAR GUZMAN

LEGEND

- TREE REMOVAL (ACRES)
- TREE REMOVAL (UNITS)
- WETLAND SITES

20' 0' 20'
GRAPHIC SCALE IN FEET

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

BM #3- CHISLED "X" ON FIRE HYDRANT S.W. FLANGE BOLT
STA. 112+02, 27' LT
ELEV. 635.91

BM #2- CHISLED "D" ON N.E. WING WALL OF BRIDGE
STA. 117+40, 19' RT
ELEV. 630.33

BM #1- RR SPIKE IN POWER POLE
STA. 122+38, 30' LT
ELEV. 646.48

650 | 645 | 640 | 635 | 630 | 625 | 620 | 615 | 610

190.00' V.C.

170.00' V.C.

+25.00 EL. 629.98

+15.00 EL. 629.56

+05.00 EL. 630.01

+75.00 EL. 633.11

PROPOSED PROFILE GRADE LINE

EXISTING PROFILE GRADE LINE

-0.94% +0.50%

+0.50% +3.15%

VPI STA. 116+20.00
ELEVATION 629.08

VPI STA. 118+90.00
ELEVATION 630.43

30 Yr. HWE
625.11

SBE = 618.50

EXISTING 30" STEEL CASING

EXISTING 16" WATERMAIN

630.23
629.84 629.77
629.58 629.49
629.69 629.39
629.82 629.49
629.92 629.73
630.21 629.98
630.70 630.39
631.40 631.19
632.41 632.37
633.91
635.98

115+00 | 115+50 | 116+00 | 116+50 | 117+00 | 117+50 | 118+00 | 118+50 | 119+00 | 119+50 | 120+00 | 120+50

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
BAR. NOTED
STRUCTURE NO(S)/TNS CHKD
NOTE BOOK
NO.
DATE
BY

MODEL: Default
FILE NAME: V:\3289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-plnprf-1.dgn

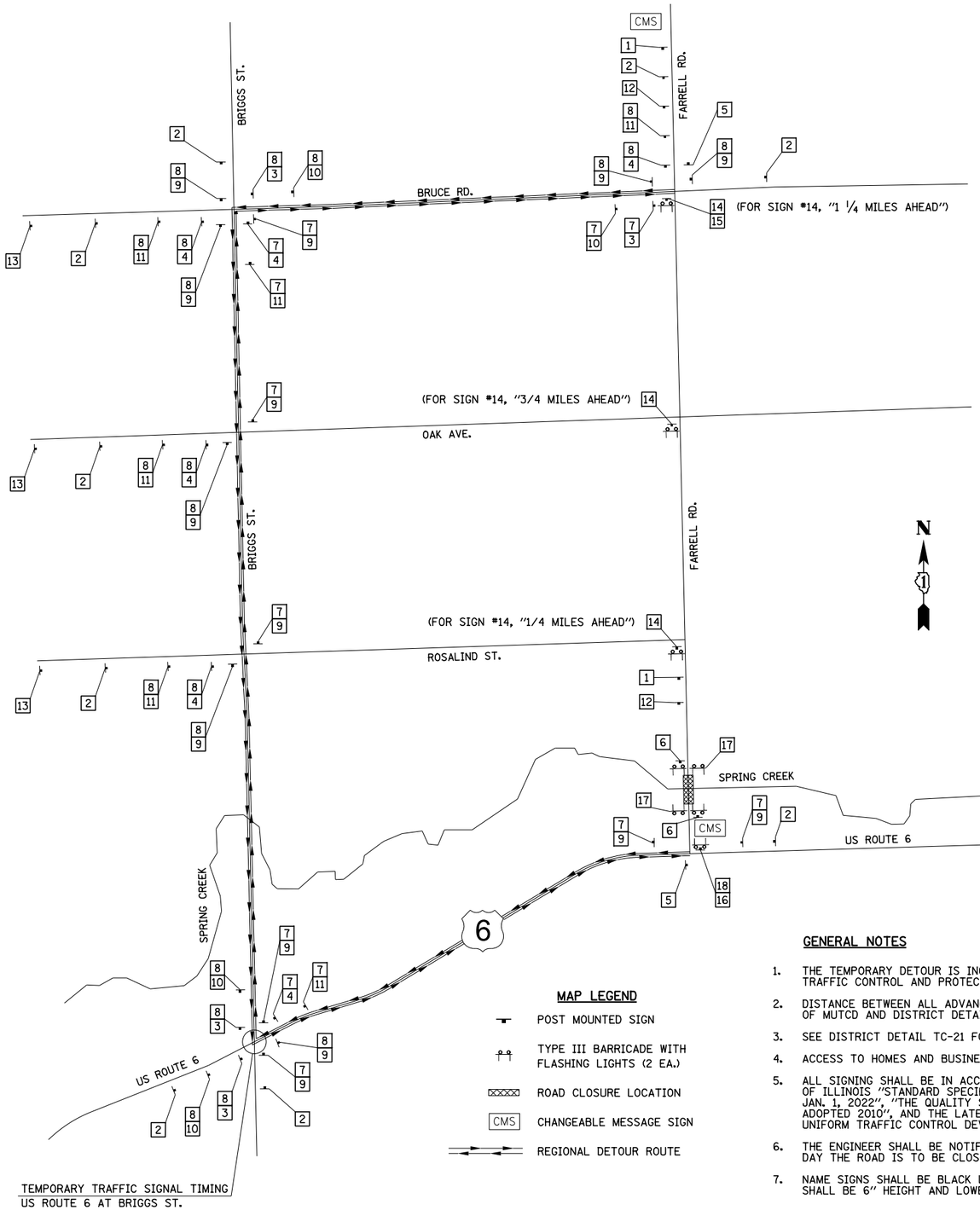
Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - LDZ	REVISED -
		DRAWN - RMD	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARREL RD.)
PLAN & PROFILE

SCALE: H=20 V=5 | SHEET 1 OF 1 SHEETS | STA. 110+00 TO STA. 125+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	14
		CONTRACT NO. 61M06		
		ILLINOIS FED. AID PROJECT NO. UUU5(053)		



TEMPORARY TRAFFIC SIGNAL TIMING
US ROUTE 6 AT BRIGGS ST.

MAP LEGEND

- POST MOUNTED SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS (2 EA.)
- ROAD CLOSURE LOCATION
- CMS — CHANGEABLE MESSAGE SIGN
- REGIONAL DETOUR ROUTE

1	ROAD CLOSED AHEAD (FLASHING WARNING LIGHT)	W20-3(0) 48" x 48" Farrell Rd 30" x 12" (SEE NOTE #7)
2	DETOUR AHEAD (FLASHING WARNING LIGHT)	W20-2(0) 48" x 48" Farrell Rd 30" x 12" (SEE NOTE #7)
3	Farrell Rd / DETOUR ←	30" x 12" (SEE NOTE #7) M4-9L(0) 30" x 24"
4	Farrell Rd / DETOUR →	30" x 12" (SEE NOTE #7) M4-9R(0) 30" x 24"
5	END DETOUR	M4-8A(0) 24" x 18"
6	ROAD CLOSED	R11-2 48" x 30"
7	NORTH	M3-1P(0) 24" x 12"
8	SOUTH	M3-3P(0) 24" x 12"
9	Farrell Rd / DETOUR ↑	30" x 12" (SEE NOTE #7) M4-9(0) 30" x 24"
10	Farrell Rd / DETOUR ↰	30" x 12" (SEE NOTE #7) M4-9L(0) 30" x 24"
11	Farrell Rd / DETOUR ↱	30" x 12" (SEE NOTE #7) M4-9R(0) 30" x 24"
12	ROAD CLOSED 1 MILE (FLASHING WARNING LIGHT)	W20-3(0) 48" x 48" Farrell Rd 30" x 12" (SEE NOTE #7)
13	Farrell Rd CLOSED SOUTH OF Rosalind St	48" x 36" (SEE NOTE #7)
14	BRIDGE OUT X MILES AHEAD LOCAL TRAFFIC ONLY	R11-36 60" x 30"
15	DETOUR →	M4-10R 48" x 18"
16	← DETOUR	M4-10L 48" x 18"
17	BRIDGE OUT	R11-2 48" x 30" (MOUNTED ABOVE TYPE III BARRICADE)
18	ROAD CLOSED TO THRU TRAFFIC	R11-4 60" x 30"

GENERAL NOTES

1. THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
2. DISTANCE BETWEEN ALL ADVANCE WARNING SIGNS SHOULD BE PER THE LATEST EDITION OF MUTCD AND DISTRICT DETAIL TC-21.
3. SEE DISTRICT DETAIL TC-21 FOR ADDITIONAL DETAILS.
4. ACCESS TO HOMES AND BUSINESSES MUST BE MAINTAINED AT ALL TIMES.
5. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2022", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010", AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
6. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE ROAD IS TO BE CLOSED.
7. NAME SIGNS SHALL BE BLACK LETTERING ON ORANGE BACKGROUND. UPPERCASE LETTERS SHALL BE 6" HEIGHT AND LOWERCASE LETTERS SHALL BE 4.5" HEIGHT.
8. TYPE III BARRICADES TO FOLLOW HIGHWAY STANDARD 701901.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE CLOSURE IS IN EFFECT.
10. THE CONTRACTOR SHALL MAKE ALL CHANGES IN SIGNING THAT ARE DEEMED NECESSARY BY THE ENGINEER.
11. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWENTY-FOUR (24) HOURS BEFORE THE ROAD IS TO BE RE-OPENED TO TRAFFIC.
12. THE DETOUR MUST BE COORDINATED WITH IDOT, THE FIRE DISTRICT AND SCHOOL DISTRICT PRIOR TO IMPLEMENTATION.
13. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO BEGINNING OF CONSTRUCTION AND BE REMOVED AFTER THE ROAD IS CLOSED. THERE WILL BE TWO CHANGEABLE MESSAGE SIGNS AT THE FOLLOWING LOCATIONS:
    - ALONG FARRELL ROAD, JUST NORTH OF US ROUTE 6 INTERSECTION
    - ALONG FARRELL ROAD, JUST NORTH OF BRUCE ROAD INTERSECTION

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USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

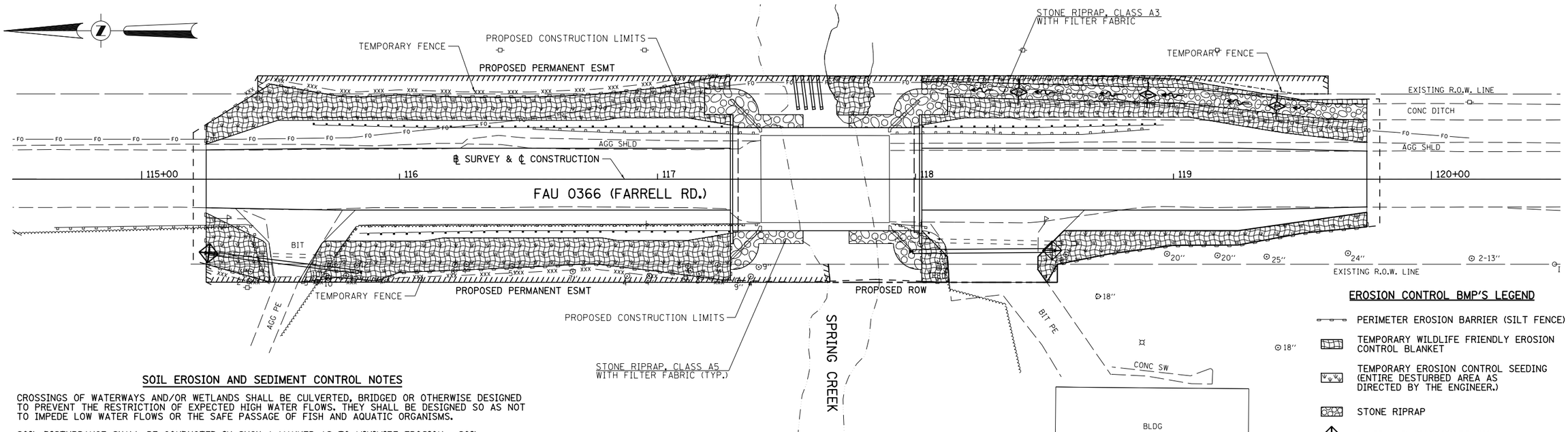
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
DETOUR PLAN

SCALE: N/A | SHEET NO. 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	15
		CONTRACT NO. 61M06		
	ILLINOIS FED. AID PROJECT NO. UUU5(053)			

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FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-detour.dgn



SOIL EROSION AND SEDIMENT CONTROL NOTES

CROSSINGS OF WATERWAYS AND/OR WETLANDS SHALL BE CULVERTED, BRIDGED OR OTHERWISE DESIGNED TO PREVENT THE RESTRICTION OF EXPECTED HIGH WATER FLOWS. THEY SHALL BE DESIGNED SO AS NOT TO IMPEDE LOW WATER FLOWS OR THE SAFE PASSAGE OF FISH AND AQUATIC ORGANISMS.

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM THE TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.

ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL.

A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER FABRIC (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF- WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. THIS WORK IS INCIDENTAL TO THE CONTRACT.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS AND IS INCIDENTAL TO THE CONTRACT. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.

THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY WILL SOUTH COOK SWCD AND THE CITY OF JOLIET - PUBLIC WORKS.

THE CONTRACTOR SHALL COMPLY WITH OSHA WORK AND SAFETY RULES.

THE WILL SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT AND OTHER INTERESTED REGULATORY AGENCIES AND OFFICIALS SHALL BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND-DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FIRST INSPECTION.

ALL AREAS OF BARE GROUND SHALL BE TEMPORARILY SEEDED EVERY 7 DAYS UNTIL PERMANENT EROSION CONTROL IS IN PLACE.

ESTABLISH PERMANENT STABILIZATION WITHIN 14 DAYS OF FINAL GRADING OR WHEN DISTURBED AREA IS LEFT IDLE FOR MORE THAN 14 DAYS.

UNLESS OTHERWISE INDICATED, ALL VEGETATED AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.

THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FROM THE U.S. ARMY CORPS OF ENGINEERS, WILL SOUTH-COOK SOIL AND WATER CONSERVATION DISTRICT AND THE CITY OF JOLIET - PUBLIC WORKS.

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EACH 0.5 INCH RAIN EVENT RESULTING IN RUNOFF FROM THE SITE.

WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.

WORK MAY NOT BE PERFORMED IN THE WATER, EXCEPT FOR THE PLACEMENT OF THE MATERIALS NECESSARY FOR THE CONSTRUCTION OF THE TEMPORARY STREAM CROSSING. ALL MATERIALS FOR THE TEMPORARY CROSSING MUST BE NON-ERODIBLE. THE TEMPORARY CROSSING MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE DETAILS OF THE TEMPORARY CROSSING TO THE CITY OF JOLIET - PUBLIC WORKS FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

IF BYPASS PUMPING IS NECESSARY, THE PUMP SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM BEING SUCKED INTO THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE (ROCK CHECK DAM, PLYWOOD, SHEET PILE, ETC.) PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION OF DOWNSTREAM AREAS.

DEWATERING MEASURES SHALL COMPLY WITH THE ILLINOIS URBAN MANUAL. DURING DEWATERING, THE WATER SHALL BE FILTERED TO REMOVE SEDIMENT PRIOR TO DISCHARGE TO THE STREAM. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS, DEWATERING BAGS OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BE RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY. THE DISCHARGE FROM THE DEWATERING DEVICE SHALL NOT CAUSE EROSION.

THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING CONSTRUCTION. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL OR WATERS OF THE U.S. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.

THE SIDE SLOPES MUST BE RESEEDED AND STABILIZED IMMEDIATELY AFTER FINAL GRADING WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE CHANNEL MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABILIZED TO ACCEPT FLOWS.

THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET OR HEAVY DUTY MULCH.

STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER EROSION CONTROL BARRIER AROUND THE BASE). STOCKPILES NOT BEING ACTIVELY WORKED AND TO REMAIN IN PLACE FOR 14 DAYS SHALL RECEIVE TEMPORARY SEEDING.

CONCRETE WASHOUT FACILITIES SHALL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

ALL ADJACENT ROADWAYS SHALL BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY WSCSWCD AND THE CITY OF JOLIET - PUBLIC WORKS.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL SUB-CONTRACTORS OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THE EROSION CONTROL PLANS TO ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

FINAL ACCEPTANCE OF THE PROJECT WILL BE CONTINGENT ON RECORD DRAWING APPROVAL BY THE ENGINEER.

CONTRACTOR CERTIFICATION SIGNOFF SHALL BE REQUIRED BY THE GENERAL NPDES PERMIT NUMBER ILR10 AS FOLLOWS:
"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NPDES PERMIT ILR10 THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THECONSTRUCTION SITE AS PART OF THIS CERTIFICATION."

EROSION CONTROL BMP'S LEGEND

- PERIMETER EROSION BARRIER (SILT FENCE)
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING (ENTIRE DESTURBED AREA AS DIRECTED BY THE ENGINEER.)
- STONE RIPRAP
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK (SEE SCHEDULE)
- xxx TEMPORARY FENCE
- VEGETATED SWALE FLOWLINE

TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION

1. ESTABLISH TEMPORARY EROSION CONTROL MEASURES AND ERECT PERIMETER EROSION BARRIER ALONG SITE BOUNDARIES PRIOR TO EARTHWORK. ERECT TEMPORARY FENCE JUST OUTSIDE PERIMETER EROSION BARRIER (AS DRAWN ABOVE FOR VISUALIZATION ONLY).
2. INSTALL TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET.

TEMPORARY STREAM CROSSINGS AND IN-STREAM WORK PADS

HAUL ROAD AND OTHER TEMPORARY STREAM CROSSINGS. A TEMPORARY LOW FLOW STRUCTURE SUCH AS A PIPE CULVERT SHALL BE INSTALLED AT HAUL ROAD AND OTHER TEMPORARY STREAM CROSSINGS. THE HAUL ROAD SHALL BE CONSTRUCTED WITH MATERIALS (I.E., COARSE AGGREGATE) MEETING THE REQUIREMENTS OF ARTICLE 1004.04 OF THE STANDARD SPECIFICATIONS, EXCEPT, IF PIT RUN GRAVEL IS USED, PRIOR APPROVAL OF THE SOURCE MAY BE REQUIRED BY THE ENGINEER. UPON COMPLETION OF THE WORK, THE HAUL ROAD OR OTHER TEMPORARY STREAM CROSSING SHALL BE REMOVED AND THE STREAM CHANNEL RETURNED TO ITS ORIGINAL CROSS SECTION OR THE CROSS SECTION CALLED FOR IN THE PLANS.

THE CONTRACTOR MAY PROPOSE OTHER METHODS OF CONSTRUCTING THE STREAM CROSSING TO THE DEPARTMENT OF NATURAL RESOURCES AND, IF APPROVED BY THEM, THE CONTRACTOR MAY PROCEED WITH THAT METHOD.

IN-STREAM WORK PADS. ALL IN-STREAM WORK PADS SHALL BE CONSTRUCTED WITH MATERIALS (I.E., COARSE AGGREGATE) MEETING THE REQUIREMENTS OF ARTICLE 1004.04 OF THE STANDARD SPECIFICATIONS, EXCEPT, IF PIT RUN GRAVEL IS USED, PRIOR APPROVAL OF THE SOURCE MAY BE REQUIRED BY THE ENGINEER. IN CASES WHERE THE WORK PAD WILL SPAN THE STREAM, A TEMPORARY LOW FLOW STRUCTURE SUCH AS A PIPE CULVERT SHALL BE INSTALLED. UPON COMPLETION OF THE WORK, THE IN-STREAM WORK PADS SHALL BE REMOVED AND THE STREAM CHANNEL RETURNED TO ITS ORIGINAL CROSS SECTION OR THE CROSS SECTION CALLED FOR IN THE PLANS.

THE CONTRACTOR MAY PROPOSE OTHER METHODS OF CONSTRUCTING THE WORK PADS TO THE DEPARTMENT OF NATURAL RESOURCES, AND IF APPROVED BY THEM, THE CONTRACTOR MAY PROCEED WITH THAT METHOD.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT. HAUL ROADS AND OTHER TEMPORARY STREAM CROSSINGS OR IN-STREAM WORK PADS WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT COST OF THE VARIOUS PAY ITEMS IN THE CONTRACT.

THE SALVAGED AGGREGATES AND PIPE CULVERTS USED IN THE HAUL ROADS AND OTHER TEMPORARY STREAM CROSSINGS OR IN-STREAM WORK PADS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR BUT MAY BE USED IN CONSTRUCTION IF APPROVED BY THE ENGINEER

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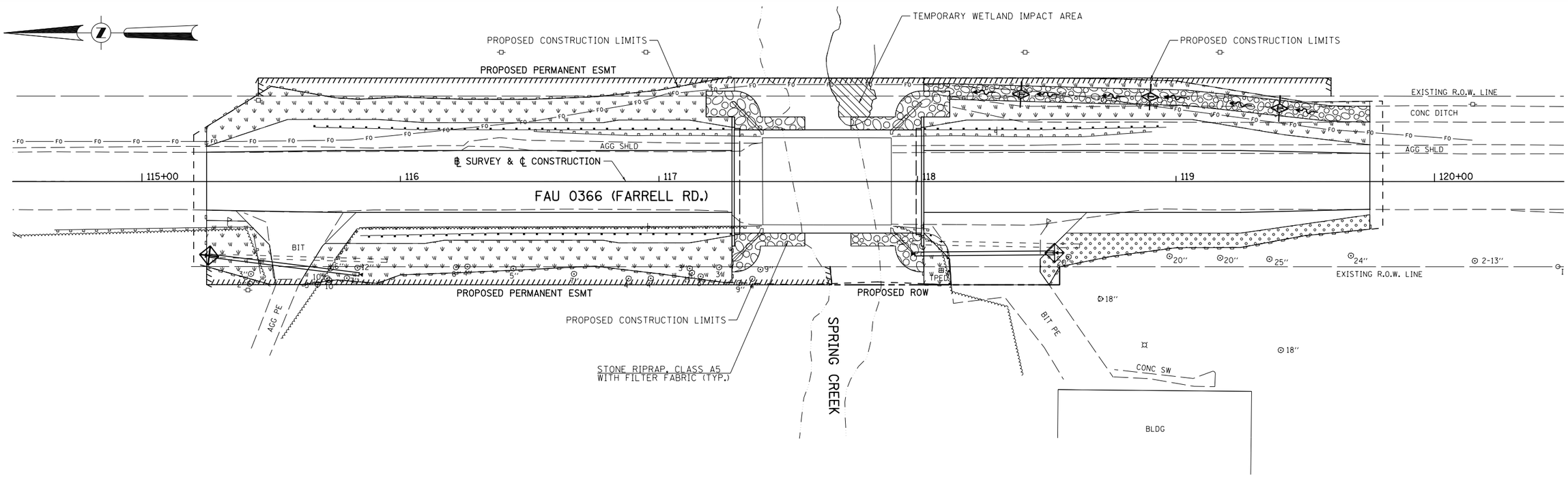
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CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
EROSION CONTROL PLAN

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. 114+50 TO STA. 120+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	16
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



LANDSCAPE LEGEND

- SEEDING, CLASS 2A WITH WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4 WITH WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, CLASS 4B AND 5B MIXTURE WITH WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- STONE RIPRAP

LANDSCAPING NOTES

TEMPORARY STREAM CROSSING WILL IMPACT 0.005 ACRES OF WETLAND. THE IMPACTED WETLANDS MUST BE RESTORED TO THEIR ORIGINAL CONTOURS AND RE-SEEDED WITH NATIVE WETLAND SPECIES. THIS WILL DONE UTILIZING A MIXTURE OF CLASS 4B AND 5B SEEDING IN ACCORDANCE WITH SECTION 250 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM THE TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.

ALL PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL.

ESTABLISH PERMANENT STABILIZATION WITHIN 14 DAYS OF FINAL GRADING OR WHEN DISTURBED AREA IS LEFT IDLE FOR MORE THAN 14 DAYS.

THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FROM THE U.S. ARMY CORPS OF ENGINEERS, WILL SOUTH-COOK SOIL AND WATER CONSERVATION DISTRICT AND THE CITY OF JOLIET - PUBLICE WORKS.

THE SIDE SLOPES MUST BE RESEEDED AND STABILIZED IMMEDIATELY AFTER FINAL GRADING WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS.

LANDSCAPING SEQUENCE OF CONSTRUCTION

1. INSTALL SEEDING, CLASS 2A AND CLASS 4 ON THE ROADWAY EMBANKMENT AS SHOWN IN THE PLANS.
2. INSTALL SEEDING, CLASS 4B AND CLASS 5B WITHIN TEMPORARY WETLAND IMPACT AREA AS SHOWN IN THE PLANS.
3. INSTALL WILDLIFE FRIENDLY EROSION CONTROL BLANKET ONCE SEEDING OPERATIONS ARE COMPLETE.

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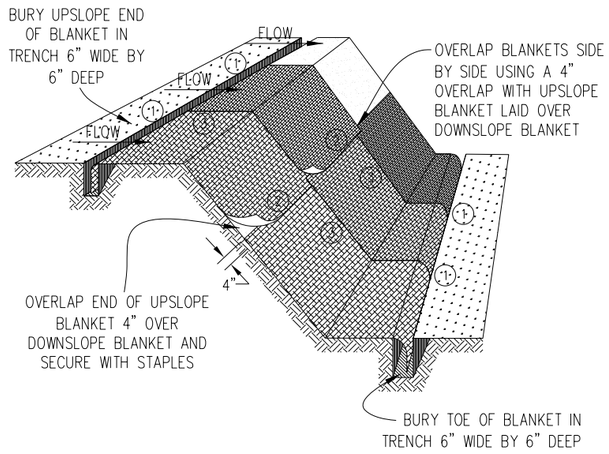
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

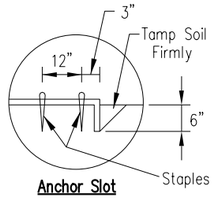
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LANDSCAPING PLAN

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. 114+50 TO STA. 120+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

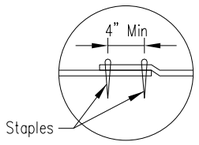
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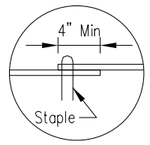
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DETAIL 1



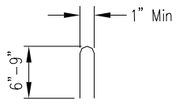
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DETAIL 2

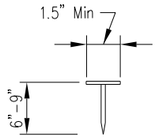


Parallel Overlaps

DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material.

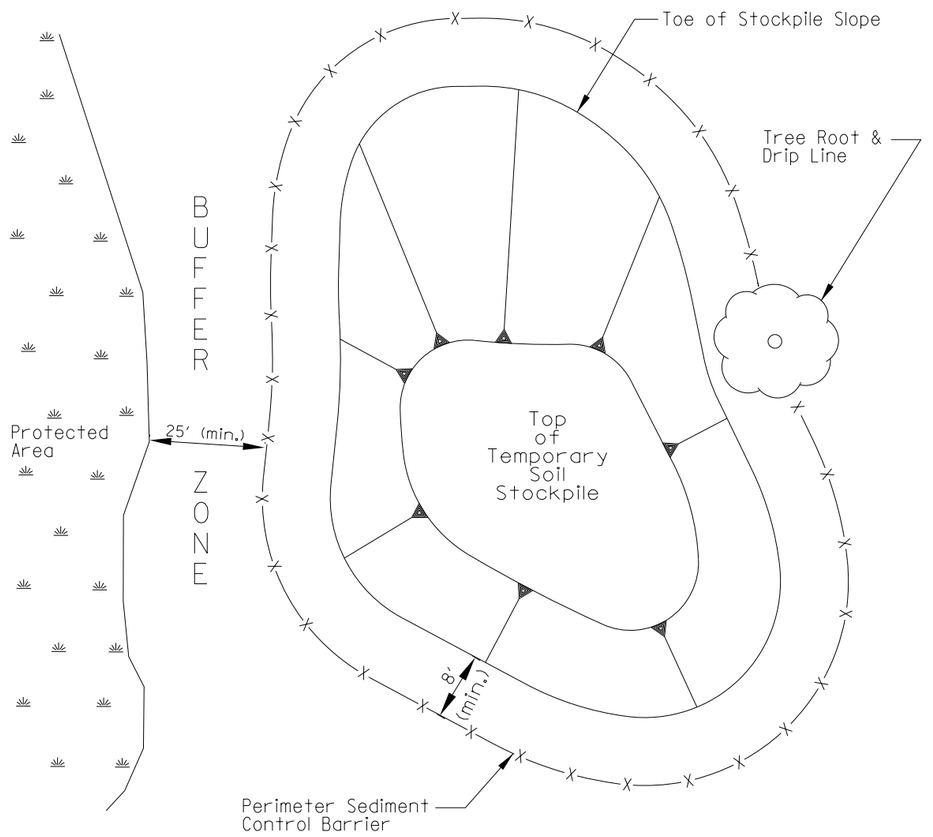
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")

3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.

4. All anchor slots shall be stapled at approximately 12" intervals.

Sheet 1 of 1	Drawing No. IUM-530	File No.	EROSION CONTROL BLANKET INSTALLATION DETAILS	Date Designed Drawn B. JOHNSON 11/08 Checked Approved

TEMPORARY SOIL STOCKPILE DETAIL



NOTES:
1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
2. Soil stockpile to be stabilized in accordance with practical standards.
3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access to the soil stockpile that can create flow path for stormwater runoff.
5. Installation of benches, terraces, or slope interrupters should be considered.
6. Avoid building soil stockpiles on impervious surfaces.
7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE		STANDARD DWG. NO.
Project		IUM-627
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE JANUARY 2017
Approved ____ Date ____		

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PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

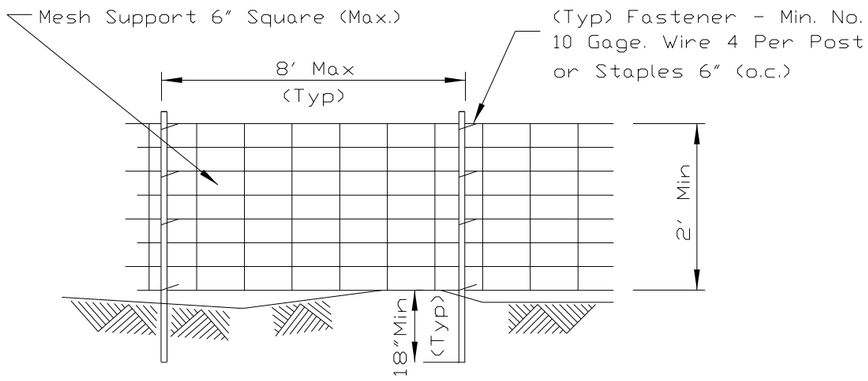
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
LANDSCAPING & EROSION CONTROL DETAILS

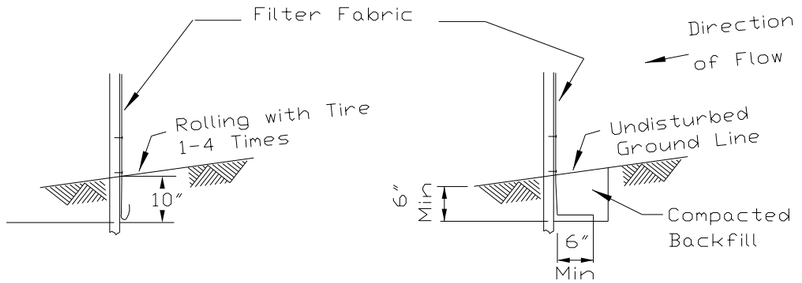
SCALE: N/A | SHEET NO. 1 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	18
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

SILT FENCE WITH WIRE SUPPORT PLAN



ELEVATION



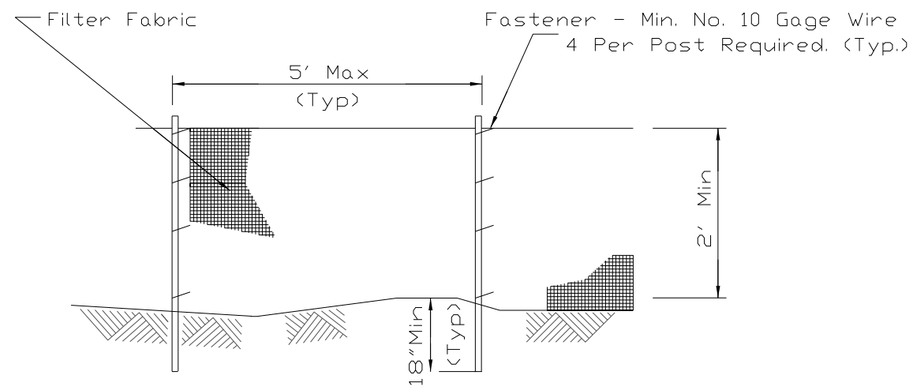
FABRIC ANCHOR DETAIL

STATIC SLICE INSTALLATION TRENCH INSTALLATION

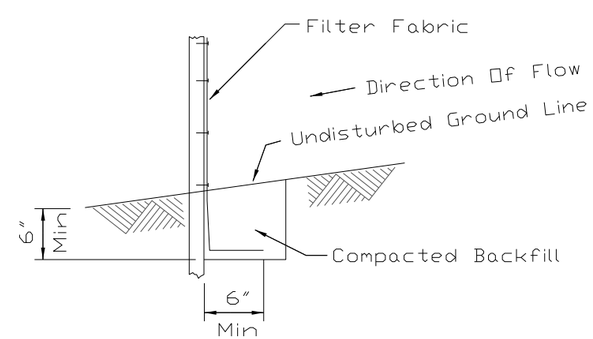
NOTES:
1. Silt Fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization. Silt fence shall be placed on the flattest area available.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2 with equivalent opening size of at least 30 for nonwoven and 40 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE		STANDARD DWG. NO.
Project		IUM-620A(W)
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 3-16-2012
Approved ____ Date ____		

SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and remo ed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 40 for oven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE		STANDARD DWG. NO.
Project		IUM-620A
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 3-16-12
Approved ____ Date ____		

MODEL: Default
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Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

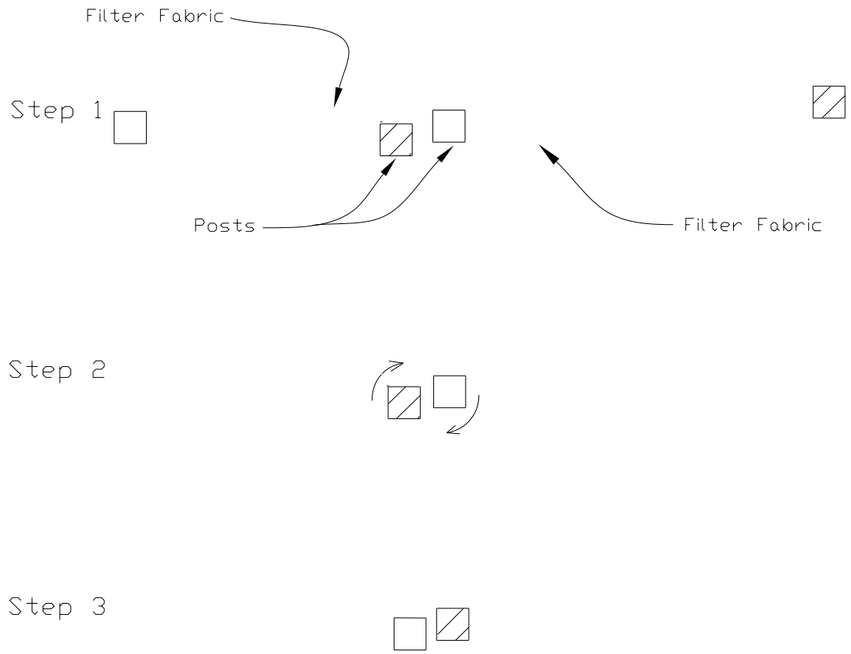
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
LANDSCAPING & EROSION CONTROL DETAILS

SCALE: N/A | SHEET NO. 2 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	19
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

SILT FENCE - SPLICING TWO FENCES



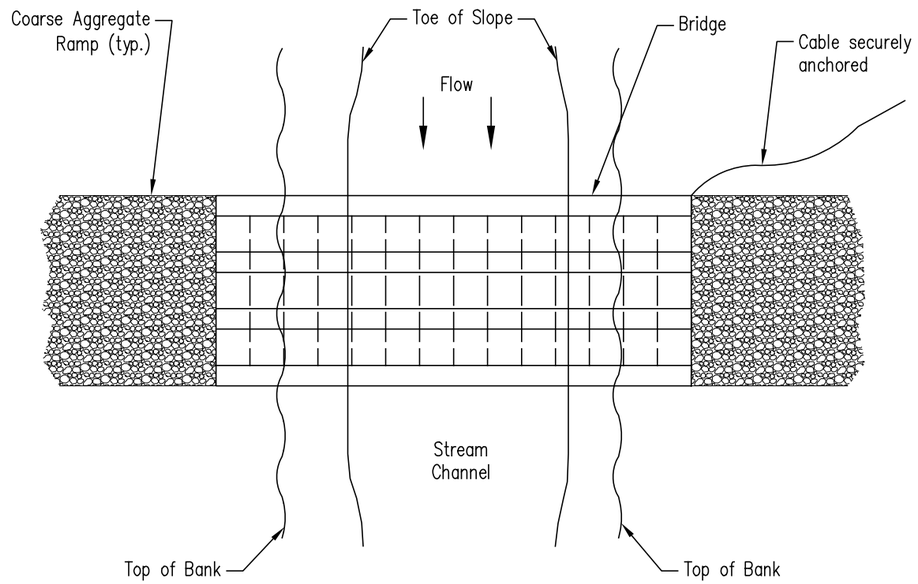
ATTACHING TWO SILT FENCES

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

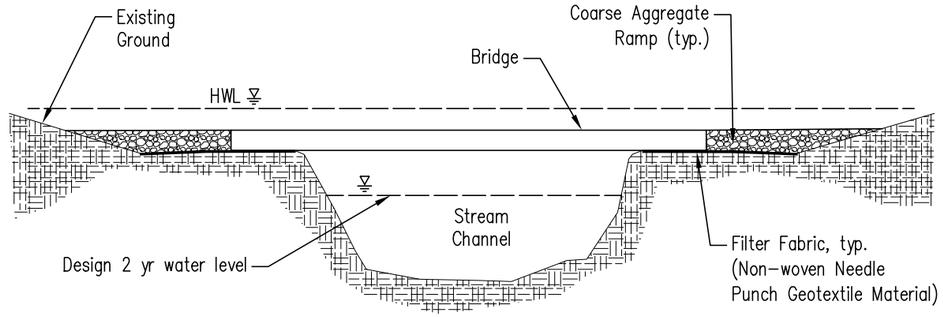
REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012

TEMPORARY STREAM CROSSING WITH BRIDGE PLAN



PLAN



ELEVATION

REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-675BP
SHEET 1 OF 1
DATE 07-30-15

MODEL: Default
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Hutchison Engineering, Inc.

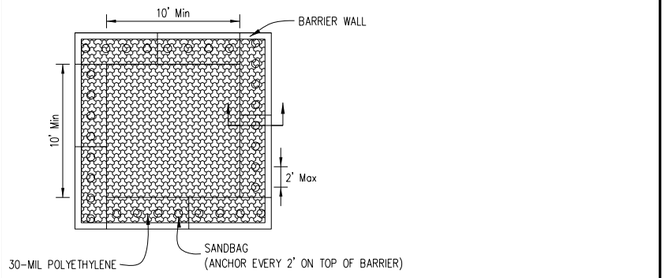
USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

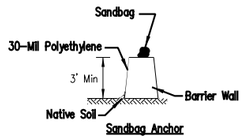
FAU 0366 (FARRELL RD.)
LANDSCAPING & EROSION CONTROL DETAILS
SCALE: N/A | SHEET NO. 3 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	20
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

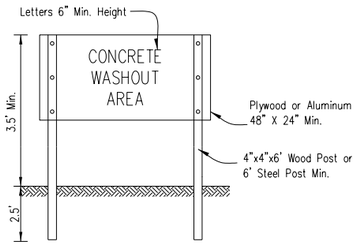
AUTOCAD2006



PLAN VIEW



BARRIER WALL ANCHOR SECTION



SIGN DETAIL

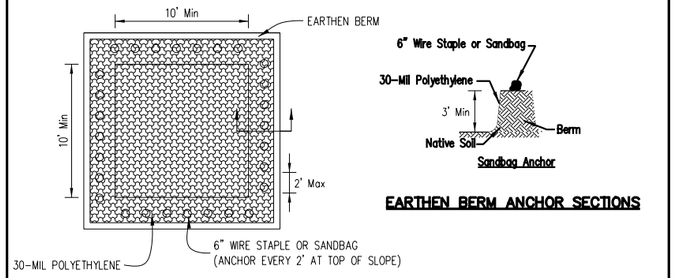
NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Scale: 1" = 5'	Highway Name: ILL-656W	**TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL**

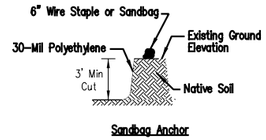
Date
Designed
Drawn B. JOHNSON 6/08
Checked
Approved

AUTOCAD2006

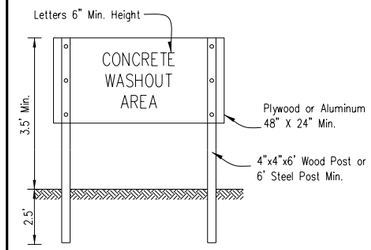


PLAN VIEW

EARTHEN BERM ANCHOR SECTIONS



SUBGRADE ANCHOR SECTIONS



SIGN DETAIL

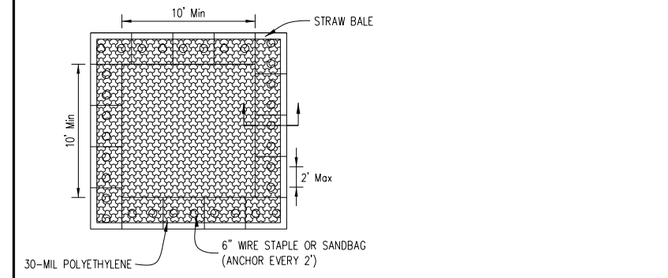
NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

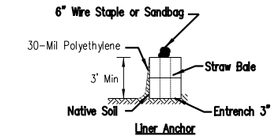
Scale: 1" = 5'	Highway Name: ILL-656E	**TEMPORARY CONCRETE WASHOUT FACILITY – EARTHEN TYPE**

Date
Designed
Drawn B. JOHNSON 6/08
Checked
Approved

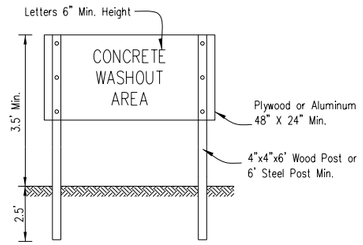
AUTOCAD2006



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Scale: 1" = 5'	Highway Name: ILL-656S	**TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE**

Date
Designed
Drawn B. JOHNSON 6/08
Checked
Approved

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-pln-eros-detail-4.dgn

Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - LDZ	REVISED -
		DRAWN - RMD	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

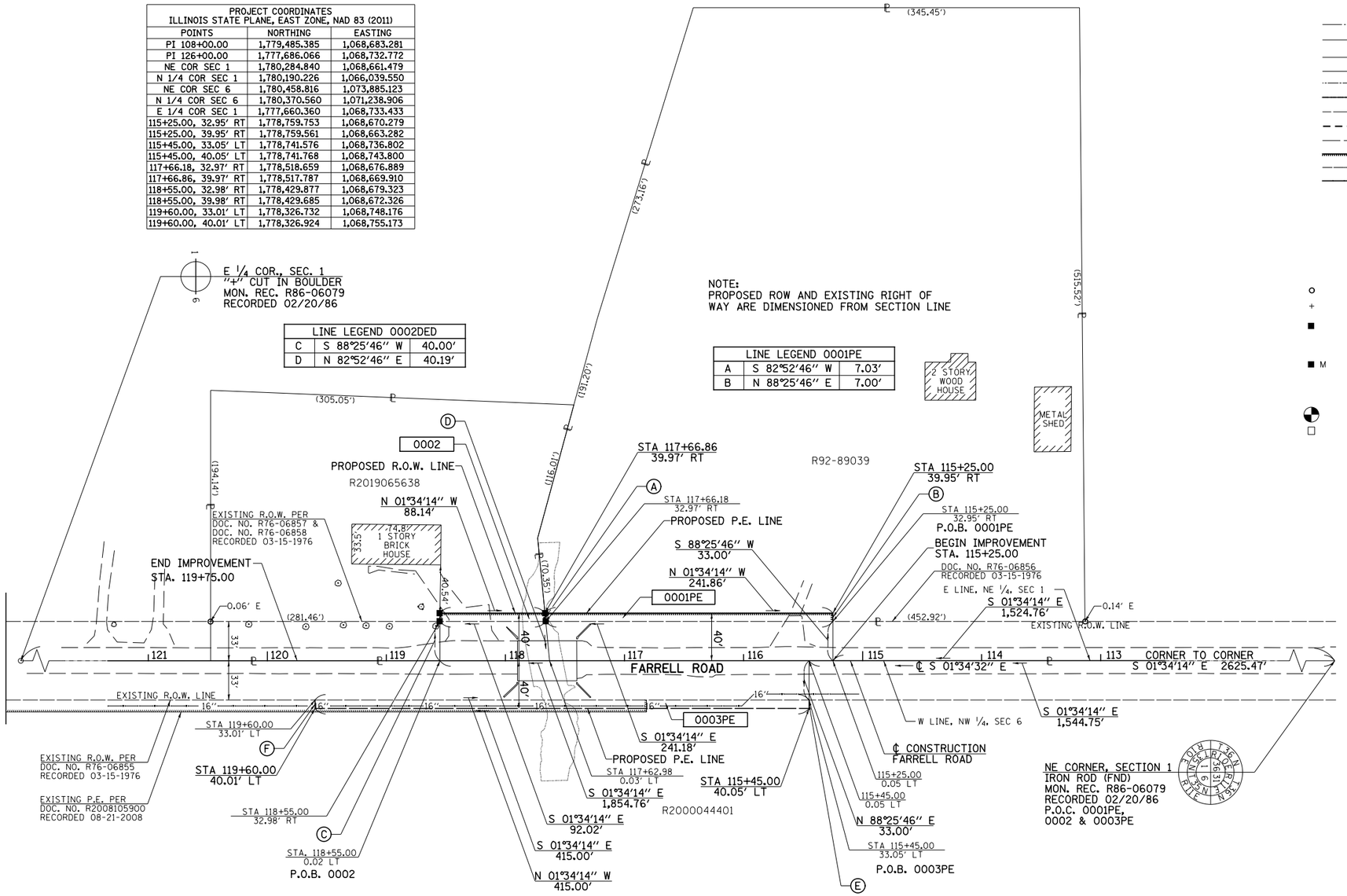
FAU 0366 (FARRELL RD.)
LANDSCAPING & EROSION CONTROL DETAILS

SCALE: N/A | SHEET NO. 4 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	21
		CONTRACT NO. 61M06		
	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

PART OF THE NE 1/4 OF SECTION 1, TWP. 35 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
& PART OF THE NW 1/4 OF SECTION 6, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)		
POINTS	NORTHING	EASTING
PI 108+00.00	1,779,485.385	1,068,683.281
PI 126+00.00	1,777,686.066	1,068,732.772
NE COR SEC 1	1,780,284.840	1,068,661.479
N 1/4 COR SEC 1	1,780,190.226	1,066,039.550
NE COR SEC 6	1,780,458.816	1,073,885.123
N 1/4 COR SEC 6	1,780,370.560	1,071,238.906
E 1/4 COR SEC 1	1,777,660.360	1,068,733.433
115+25.00, 32.95' RT	1,778,759.753	1,068,670.279
115+25.00, 39.95' RT	1,778,759.561	1,068,663.282
115+45.00, 33.05' LT	1,778,741.576	1,068,736.802
115+45.00, 40.05' LT	1,778,741.768	1,068,743.800
117+66.18, 32.97' RT	1,778,518.659	1,068,676.889
117+66.86, 39.97' RT	1,778,517.787	1,068,669.910
118+55.00, 32.98' RT	1,778,429.877	1,068,679.323
118+55.00, 39.98' RT	1,778,429.685	1,068,672.326
119+60.00, 33.01' LT	1,778,326.732	1,068,748.176
119+60.00, 40.01' LT	1,778,326.924	1,068,755.173



LINE LEGEND COJ0003PE		
E	N 88°25'46" E	7.00'
F	S 88°25'46" W	7.00'

SEE SHEET 3 FOR 0003 TOTAL HOLDING

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
0001PE	4.760	N/A	N/A	4.760	0.039	30-07-01-200-043
0002	1.449	0.083	0.069	1.366	N/A	30-07-01-200-047
0003PE	151.000	N/A	N/A	151.000	0.067	15-08-06-100-001

LEGEND

SECTION CORNER (T 35 N, R 10 E, sections 9, 10, 16, 15) — QUARTER SECTION CORNER (16, 15) — GRAPHIC SCALE FEET 0 50' — SCALE: 1"= 50'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995784.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON 12/06/23.

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, CRAIG A. YOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HUTCHISON ENGINEERING, INC, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-000825,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 1, TOWNSHIP 35 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 6, TOWNSHIP 35 NORTH, RANGE 11 EAST, OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SHOREWOOD, ILLINOIS THIS _____ DAY OF _____ 2023 A.D.

PRELIMINARY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003764
LICENSE EXPIRATION DATE: 11/30/2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Hutchison Engineering, Inc

CRAIG A. YOUNG 3764 PROFESSIONAL LAND SURVEYOR SHOREWOOD ILLINOIS STATE OF ILLINOIS

EXPIRES: 11/30/2024

IDOT USE ONLY

PLAT OF HIGHWAYS

CITY OF JOLIET

FARRELL ROAD

LIMITS: AT SPRING CREEK — COUNTY: WILL
SECTION: 21-00542-00-BR — JOB NO.: R-91-005-15
STA. 115+25 TO STA. 118+55
SCALE: 1" = 50' — SHEET 2 OF 3 SHEETS

150 WEST JEFFERSON STREET
JOLIET, IL 60432

REVISION DATE: / / — REVISION MADE BY:

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/18/2026	DATE -	REVISED -	

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

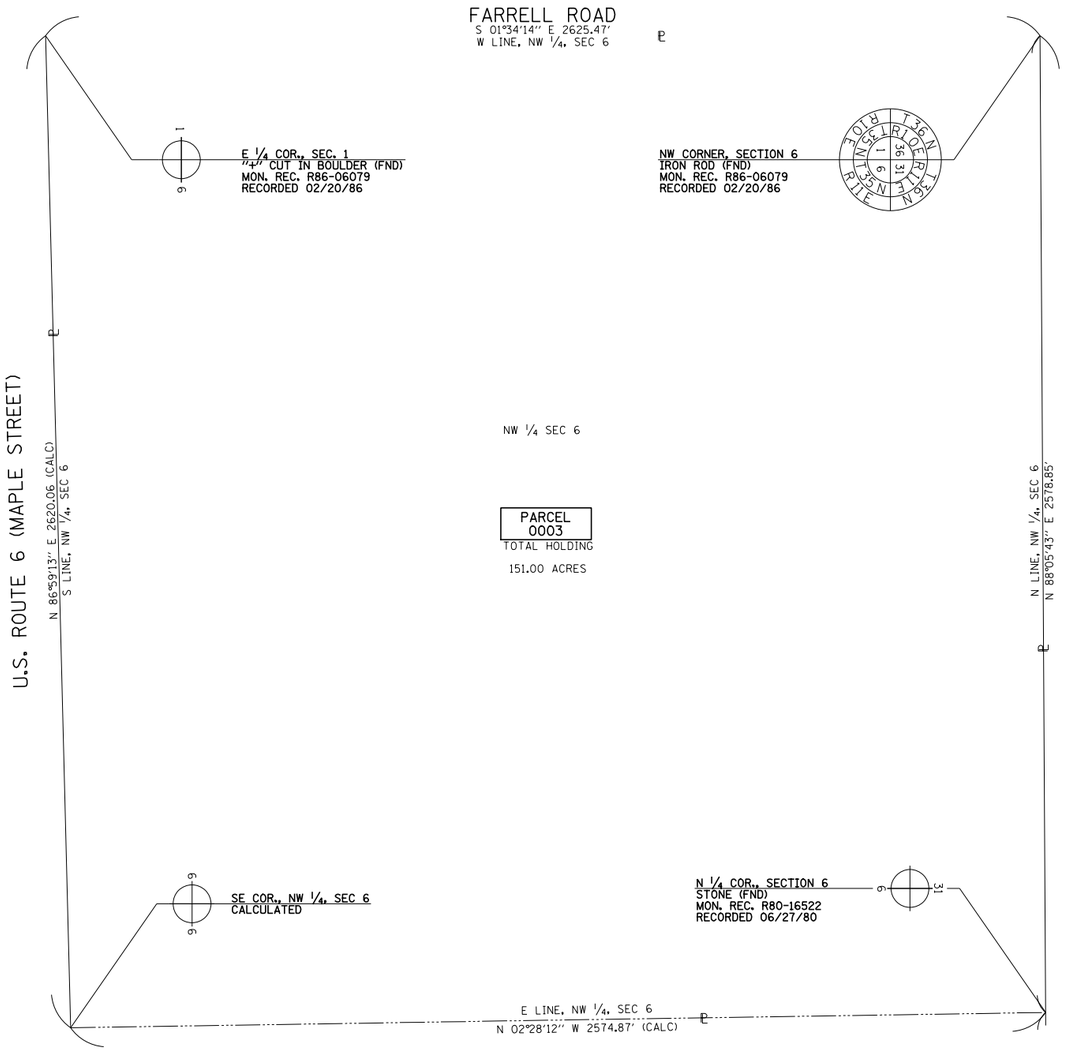
FAU 0366 (FARRELL RD.)
RIGHT OF WAY SHEETS

SCALE: 1"=50' | SHEET NO. 1 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	22
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Crk\3709 - Farrell Road\CADD Sheets\3709-sht-row-1.dgn

PART OF THE NW 1/4 OF SECTION 6, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

SECTION CORNER — QUARTER SECTION CORNER — GRAPHIC SCALE FEET 0 50' — SCALE: 1"= 50'

——·——·——	SECTION / QUARTER SECTION LINE
———	PLATTED LOT LINES
℄	PROPERTY (DEED) LINE
APL	APPARENT PROPERTY LINE
——·——·——	EXISTING CENTERLINE
———	PROPOSED CENTERLINE
— — —	EXISTING RIGHT OF WAY LINE
— — ———	PROPOSED RIGHT OF WAY LINE
//////	EXISTING EASEMENT
//////	PROPOSED EASEMENT
——AC——	EXISTING ACCESS CONTROL LINE
——AC——	PROPOSED ACCESS CONTROL LINE
129.32'	MEASURED DIMENSION
129.32' (COMP)	COMPUTED DIMENSION
(129.32')	RECORDED DIMENSION
	EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- o IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995784.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON 12/06/23.

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, CRAIG A. YOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HUTCHISON ENGINEERING, INC, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-000825,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 1, TOWNSHIP 35 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 6, TOWNSHIP 35 NORTH, RANGE 11 EAST, OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SHOREWOOD, ILLINOIS THIS _____ DAY OF _____ 2023 A.D.

PRELIMINARY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003764
LICENSE EXPIRATION DATE: 11/30/2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Hutchison Engineering, Inc

CRAIG A. YOUNG 3764 PROFESSIONAL LAND SURVEYOR SHOREWOOD ILLINOIS STATE OF ILLINOIS

EXPIRES: 11/30/2024

PLAT OF HIGHWAYS

CITY OF JOLIET

FARRELL ROAD

LIMITS: AT SPRING CREEK — COUNTY: WILL
SECTION: 21-00542-00-BR — JOB NO.: R-91-005-15
STA. 115+25 TO STA. 118+55
SCALE: 1" = 50' — SHEET 3 OF 3 SHEETS

IDOT USE ONLY

150 WEST JEFFERSON STREET
JOLIET, IL 60432

REVISION DATE: / / REVISION MADE BY:

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

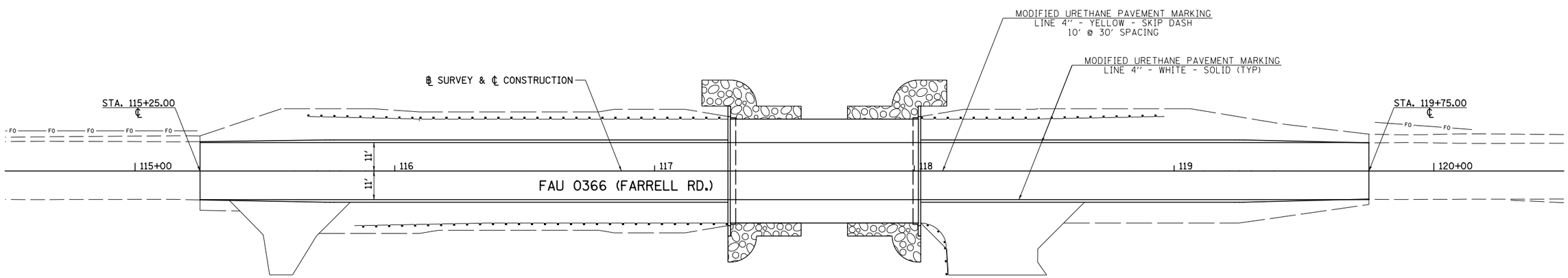
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
RIGHT OF WAY SHEETS

SCALE: 1"=50' | SHEET NO. 2 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	23
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-cove-2.dgn



MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Crk\3709 - Farrell Road\CADD Sheets\3709-sht-pmk-1.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. 114+50 TO STA. 120+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	24
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

B.M.: Chiseled "X" on Fire Hydrant
S.W. Flange Bolt
Sta. 112+02, 27' Lt.
Elev. 635.91

RR Spike in Power Pole
Sta. 122+38, 30' Lt.
Elev. 646.48

Existing Structure:
Single span precast prestressed concrete deck beam bridge supported on closed concrete abutments. The structure is 51'-0" back to back of abutments, 36'-0" out to out deck, and is not skewed.
Str. No. 099-4300

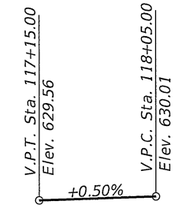
Salvage: None

Road to be closed to traffic during construction.

SPRING CREEK
BUILT 202_ BY
CITY OF JOLIET
WILL COUNTY
SEC. 21-00542-00-BR
F.A.U. 0366 STATION 117+65.35
STR. NO. 099-4306 LOADING HL-93

NAME PLATE

Locate Name Plate at N.W. Wingwall Corner of Bridge (See Std. 515001)



PROFILE GRADE

(F.A.U. 366)

GENERAL NOTES

For Soil Boring Logs, See Special Provisions.

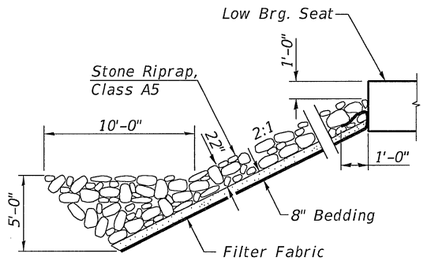
A Corrosion Inhibitor shall be used in the concrete for Precast Prestressed Concrete Deck Beams according to Articles 1020.05(b)(10) and 1021.07 of the Standard Specifications.

Reinforcement Bars designated (E) shall be epoxy coated.

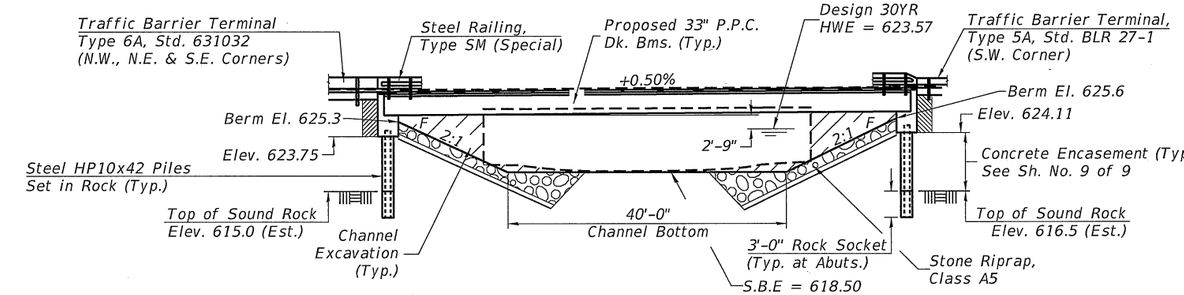
Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.

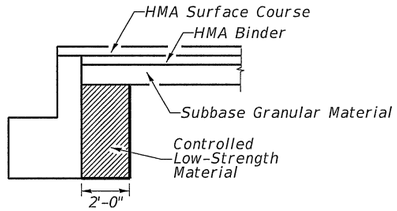
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.



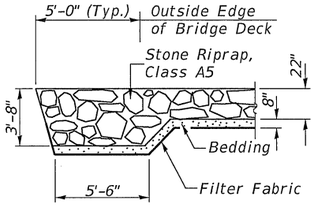
STONE RIPRAP DETAIL



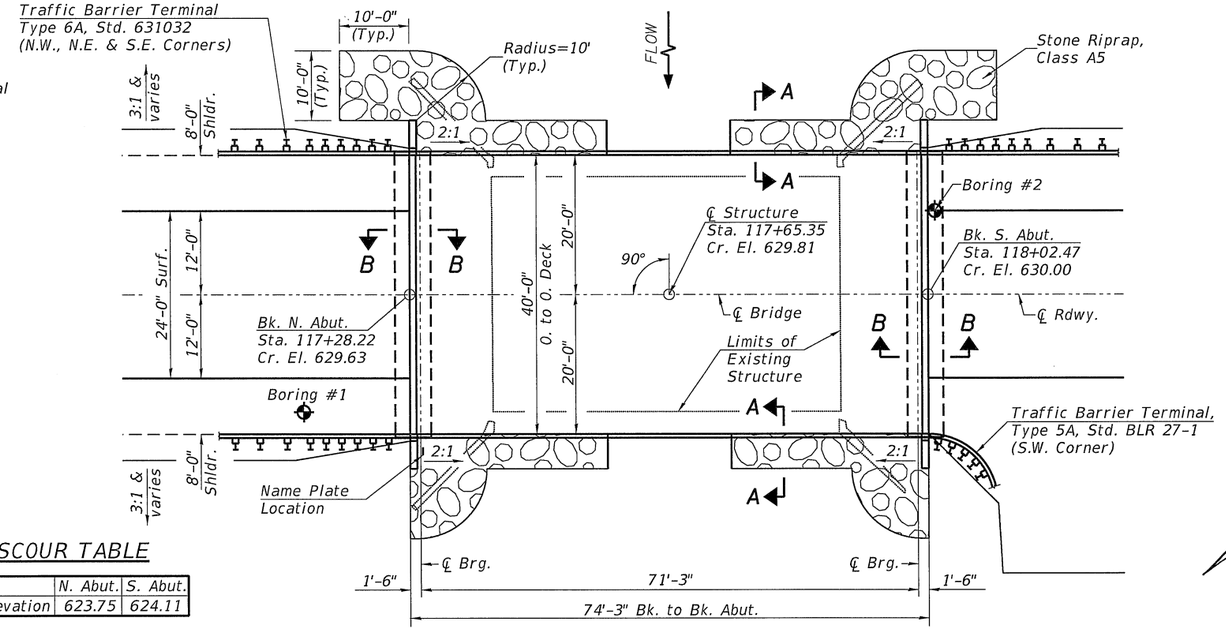
ELEVATION



SECTION B-B



SECTION A-A



PLAN

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
	Channel Excavation	CU YD	———	395	395
	Stone Riprap, Class A5	TON	———	470	470
	Filter Fabric	SQ YD	———	310	310
(1)	Removal of Existing Structures	EACH	———	———	1
	Structure Excavation	CU YD	———	110	110
	Concrete Structures	CU YD	———	35.2	35.2
	Precast Prestressed Concrete Deck Beams (33" Depth)	SQ FT	2,897	———	2,897
	Reinforcement Bars	POUND	———	3,720	3,720
(1)	Steel Railing, Type SM (Special)	FOOT	149	———	149
	Furnishing Steel Piles HP10x42	FOOT	———	150	150
	Drilling and Setting Piles (In Rock)	CU FT	———	114	114
	Concrete Encasement	CU YD	———	11.4	11.4
	Name Plates	EACH	———	1	1
(1)	Waterproofing Membrane System	SQ YD	330	———	330
	Portland Cement Mortar Fairing Course	FOOT	181	———	181
(1)	Controlled Low-Strength Material	CU YD	———	23.6	23.6
	Hot-Mix Asphalt Surface Course, Mix "D", N50	TON	37	———	37

(1) See Special Provisions

DESIGN SCOUR TABLE

Location	N. Abut.	S. Abut.
Design Scour Elevation	623.75	624.11

WATERWAY INFORMATION

Drainage Area = 14.30 Sq. Mi. Low Grade Elev. = 629.39 @ Sta. 116+49.22

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Design	30	756	210	254	623.57	0.50	0.41	624.07	623.98
Base	100	950	223	271	623.84	0.71	0.58	624.55	624.42

Construction of this project complies with IDOT Individual Floodway Permit No. DIL-25-005.

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

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

DESIGN STRESSES

(FIELD UNITS)
f'c = 3,500 p.s.i.
fy = 60,000 p.s.i. (Rein.)

(PRECAST PRESTRESSED UNITS)
f'c = 6,000 p.s.i.
f'ci = 5,000 p.s.i.
f's = 270,000 p.s.i. (½" Strands)
f'si = 201,960 p.s.i. (½" Strands)

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specification for Highway Bridges.
This design complies with all requirements of the current AASHTO Guide Specifications for Seismic Design of highway bridges.

10/30/25
Illinois Structural No. 6527
Expires 11/30/2026

BENJAMIN A. NEIL 081-006527 LICENSED STRUCTURAL ENGINEER OF ILLINOIS 11.30.26

3rd P.M.
R. 10 E. | R. 11 E.
T. 36 N. | T. 35 N.
36
31
F.A.U. 0366
Project Location
Spring Creek
1
6
N

LOCATION SKETCH

MODEL:
FILE NAME: 5289-b001.dgn

Hutchison Engineering, Inc.
2025 JOB #5289

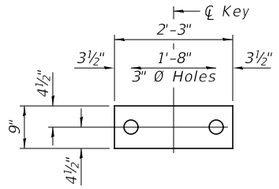
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PLOT DATE = 10/30/2025	DATE - 7/23/2025	REVISED -	

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

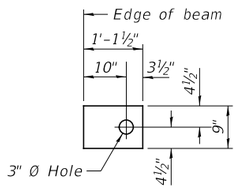
GENERAL PLAN & ELEVATION

SCALE: NONE | SHEET 1 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	25
	SN 099-4306	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

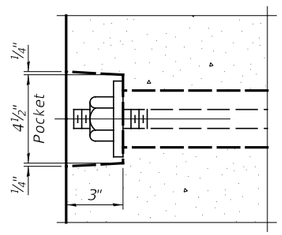


½" FABRIC BEARING PAD
(Interior) 18 Required

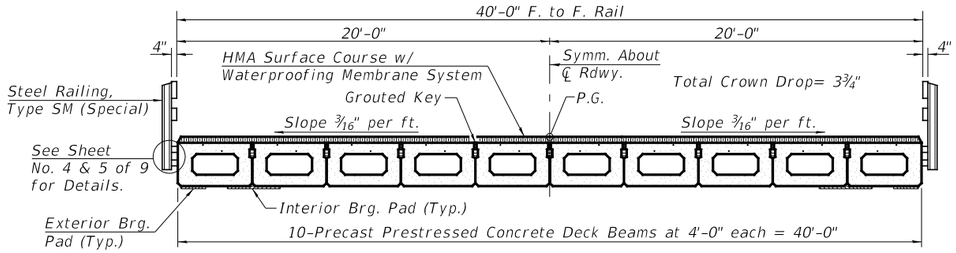


½" FABRIC BEARING PAD
(Exterior) 4 Required

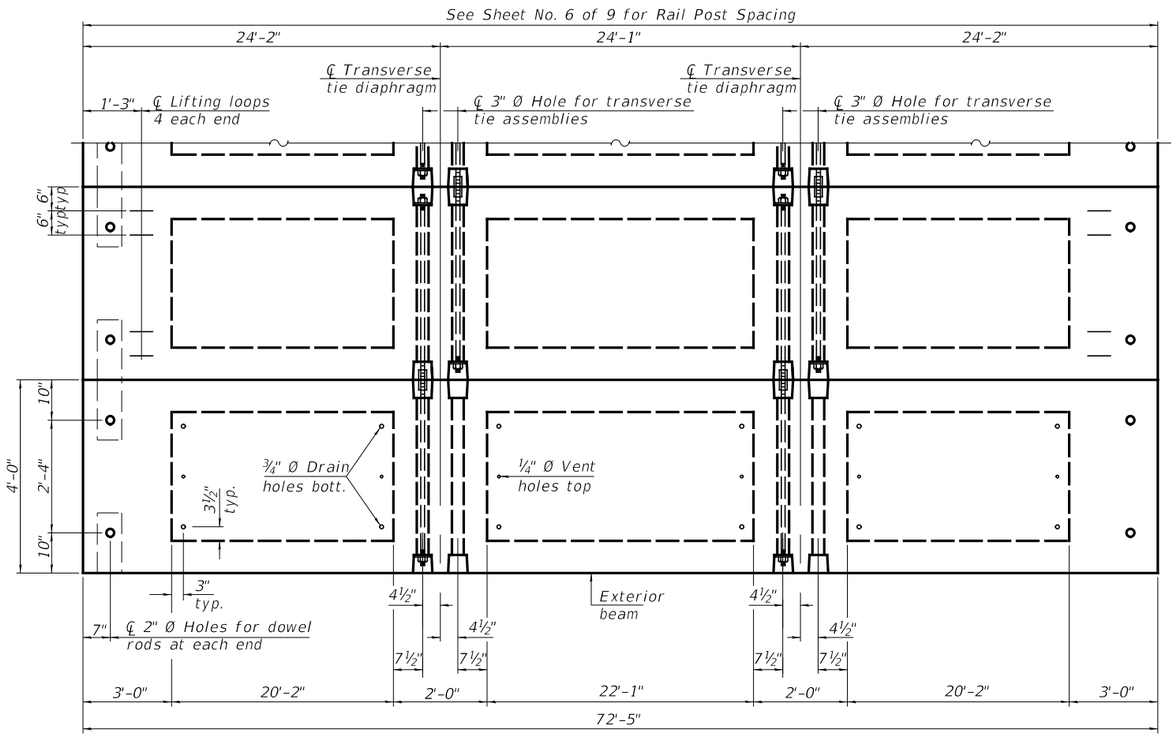
FIXED



SECTION A-A

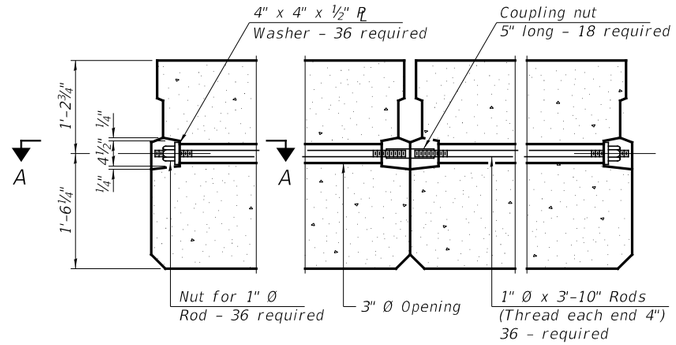


PROPOSED CROSS SECTION



PLAN VIEW

Note: Connect beams in pairs with the transverse tie configuration shown.



TYPICAL TRANSVERSE TIE ASSEMBLY

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Beams (33" Depth)	SQ FT	2,897

NOTES

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be ½" and the nominal cross-sectional area shall be 0.153 sq. in.

The 1" Ø rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.

Two ⅛" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum 2½" Ø lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f'c, shall be 6000 psi.

Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

MODEL:
FILE NAME: 5289-b002.dgn

Hutchison Engineering, Inc.
2025 JOB #5289

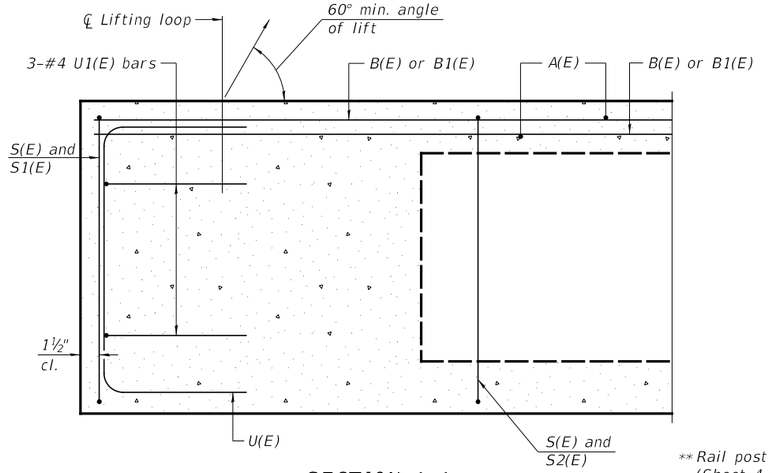
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	DRAWN - JJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MMO/BAN	REVISED -
PLOT DATE = 8/18/2026	DATE - 7/23/2025	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

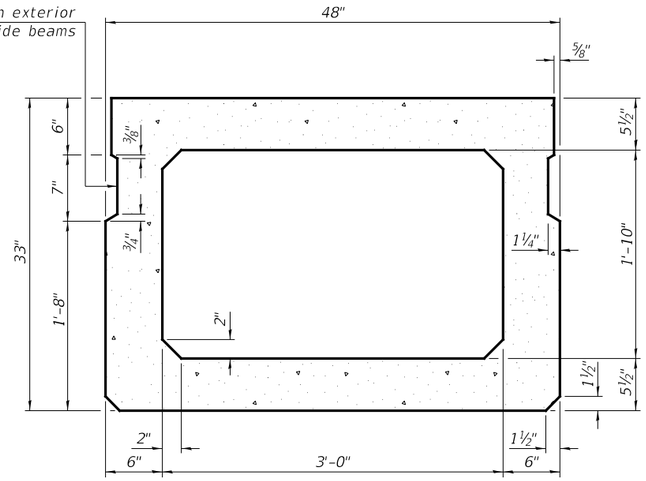
SUPERSTRUCTURE

SCALE: NONE | SHEET 2 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	26
	SN 099-4306	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

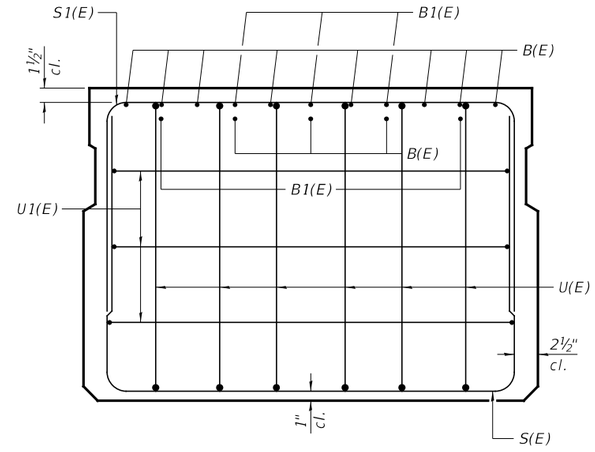


SECTION A-A

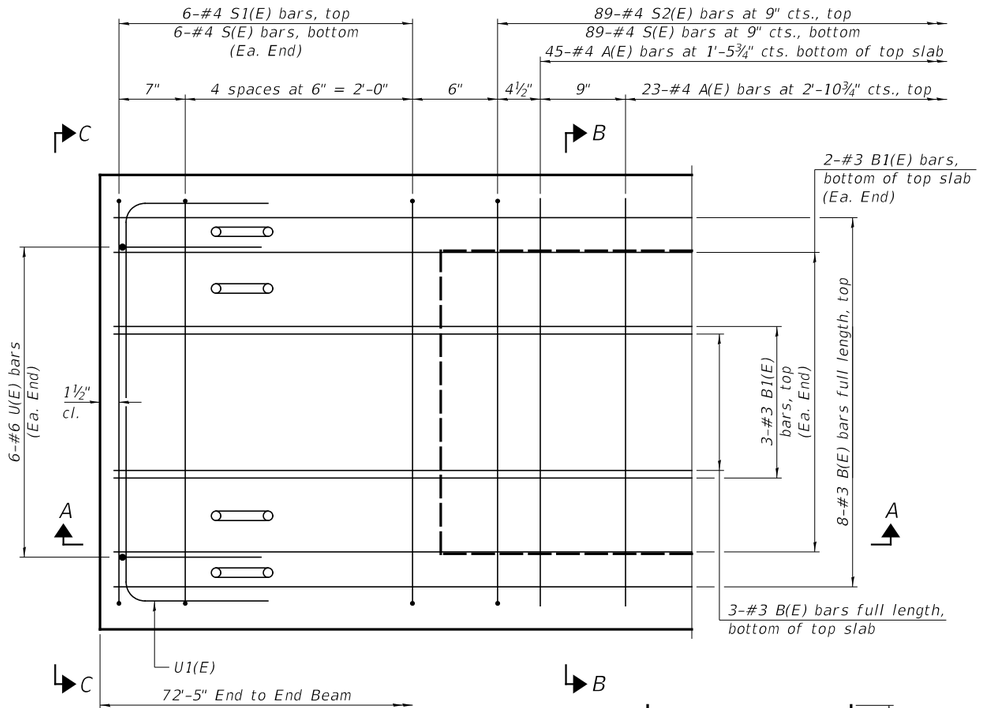


** Rail post anchor devices (Sheet 4 of 9) to be cast into exterior face of outside beams.

SECTION B-B
(Showing dimensions)



VIEW C-C



PLAN VIEW

Note:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

SECTION B-B
(Showing reinforcement and permissible strand locations)
26-½" Ø Strands Each Strand Stressed to 30,900 Lbs.
12-Strands 1¾" up, 12-Strands 3¾" up, 2-Strands 27¾" up

Note:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

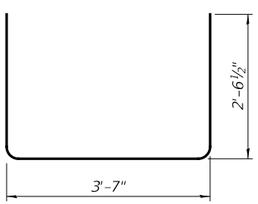
BAR LIST
ONE BEAM ONLY
(For information only)

BAR	NO.	SIZE	LENGTH	SHAPE
A(E)	68	#4	3'-7"	—
B(E)	11	#3	*72'-2"	—
B1(E)	10	#3	10'-0"	—
S(E)	101	#4	8'-8"	⊔
S1(E)	12	#4	7'-5"	⊓
S2(E)	89	#4	7'-8"	⊓
U(E)	12	#6	5'-0"	⊏
U1(E)	6	#4	6'-0"	⊓

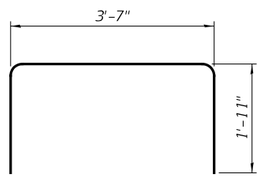
Note:
See sheet 2 of 9 for additional details and Bill of Material.

*Total Length, lap as necessary

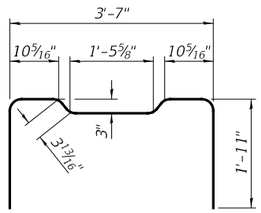
MINIMUM BAR LAP
#3 bar = 1'-6"



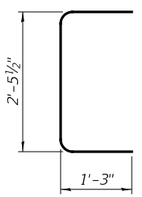
BAR S(E)



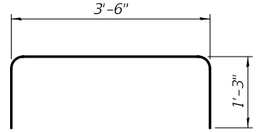
BAR S1(E)



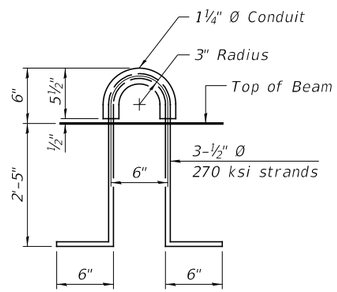
BAR S2(E)



BAR U(E)

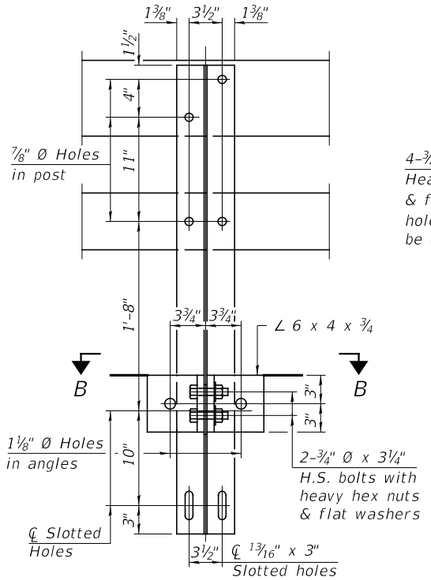


BAR U1(E)

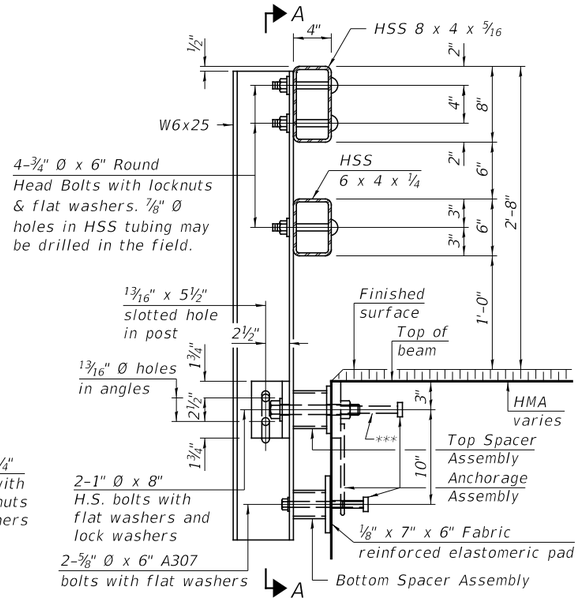


LIFTING LOOP DETAIL

SEE SHEET NO. 6 OF 9 FOR RAIL POST SPACING

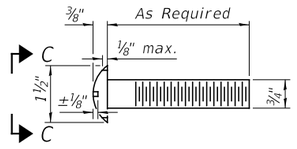


SECTION A-A

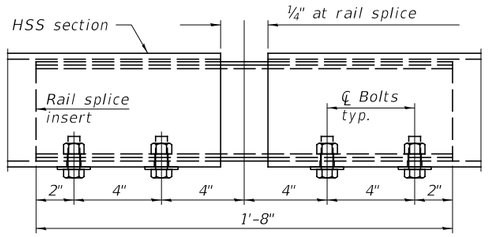


SECTION AT RAIL POST

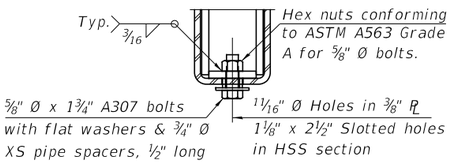
*** The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly. The anchorage studs may be bent down ½" to accommodate the top reinforcement bar placement.



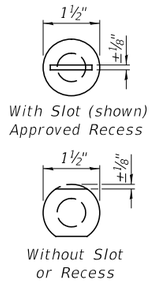
ROUND HEAD BOLT DETAIL



RAIL SPLICE ELEVATION



RAIL SPLICE CONNECTION AT EXPANSION JT.



VIEW C-C

NOTES

All field drilled holes shall be coated with an approved zinc rich paint before erection.

A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 11½", and bottom spacer assembly, 6" x 7", shall be provided to adjust posts for proper alignment. If the summation of shims is greater than ¼" (top) or ½" (bottom), longer bolts are required. Cost included with Steel Railing, Type SM (Special)

All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.

All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.

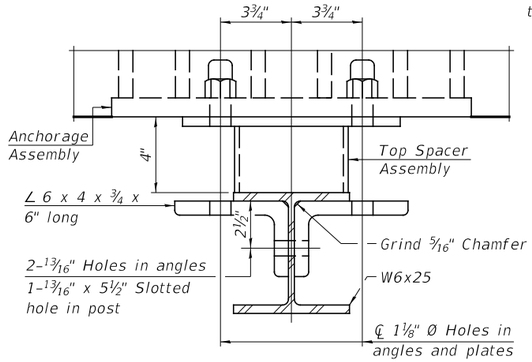
All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.

Rail splice inserts may be built out of 2-⅜" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.

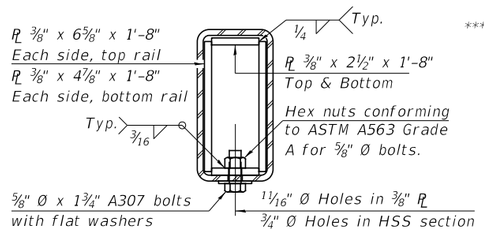
Tie bars shall be #4 reinforcement bars or ½" Ø ASTM F1554-55 round bar.

BILL OF MATERIAL

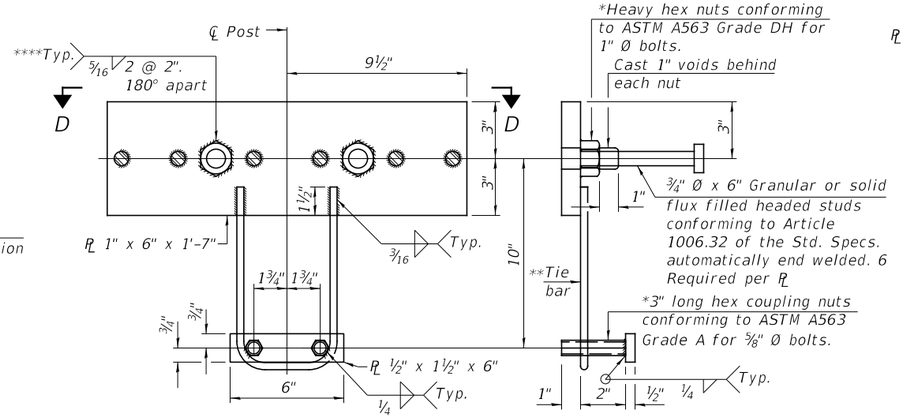
ITEM	UNIT	QUANTITY
Steel Railing, Type SM (Special)	FOOT	149



SECTION B-B



SECTION AT RAIL SPLICE

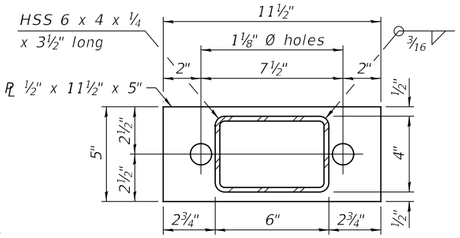


ANCHORAGE ASSEMBLY

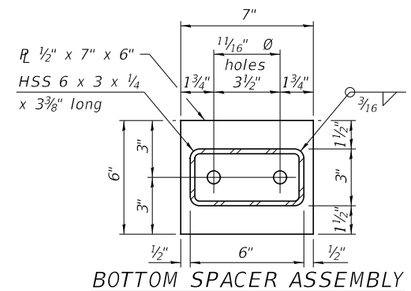
*Threaded areas shall be plugged or blocked off during casting of beam.

**Whenever the lower insert assemblies interfere with strand locations, the tie bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed ½".

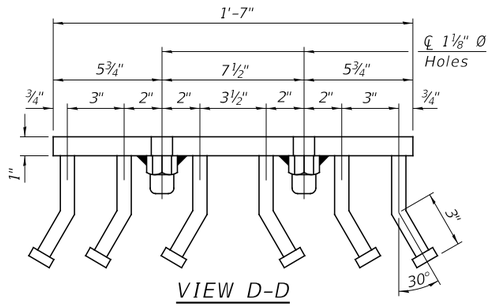
****Alternatively provide ¼" all-around fillet weld.



TOP SPACER ASSEMBLY



BOTTOM SPACER ASSEMBLY



VIEW D-D

Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - CTM	REVISED -	CITY OF JOLIET FARRELL RD. OVER SPRING CREEK
		DRAWN - JJ	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MMO/BAN	REVISED -	
2025 JOB #5289	PLOT DATE = 8/18/2026	DATE - 7/23/2025	REVISED -	

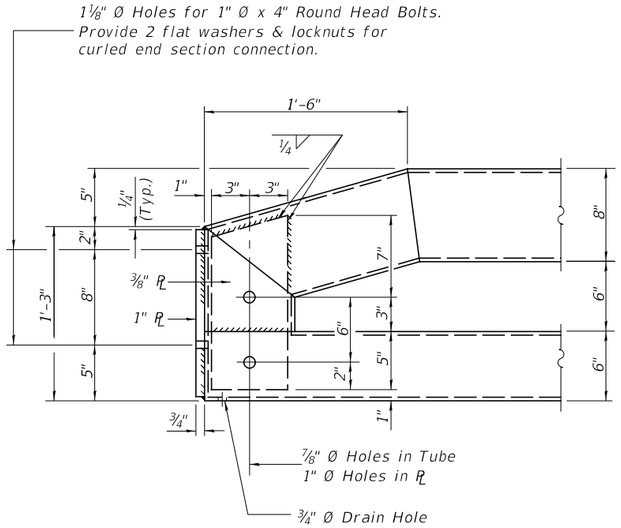
STEEL RAILING, TYPE SM (SPECIAL)

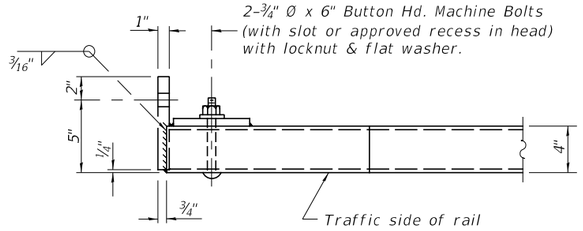
SCALE: NONE | SHEET 4 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	28
	SN 099-4306	CONTRACT NO. 61M06		
	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

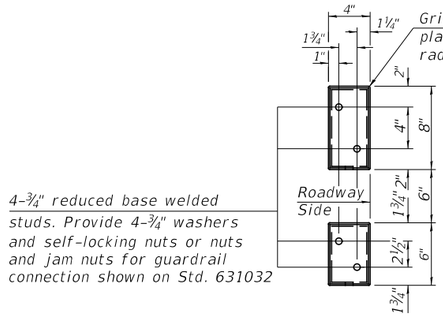
MODEL:
FILE NAME: 5289-b004.dgn

SEE SHEET NO. 6 OF 9 FOR RAIL POST SPACING

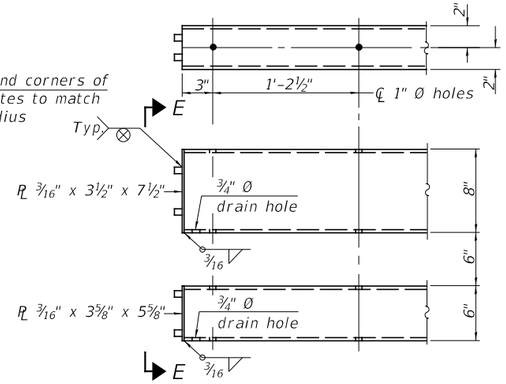




END OF RAIL DETAILS
S.W. CORNER



VIEW E-E

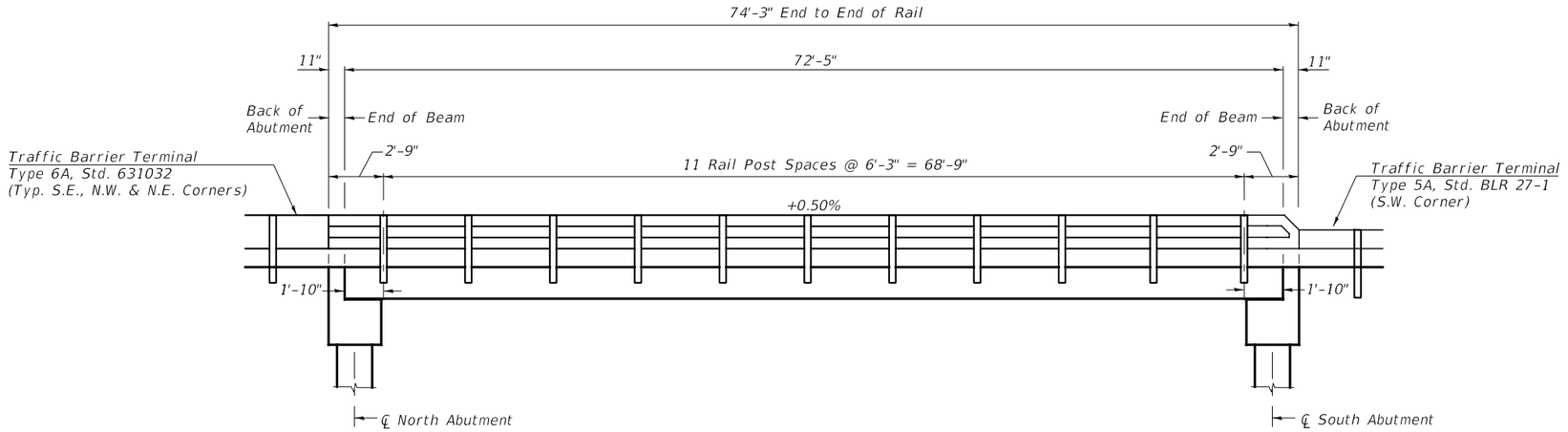


END OF RAIL DETAILS
S.E., N.W. & N.E. CORNERS

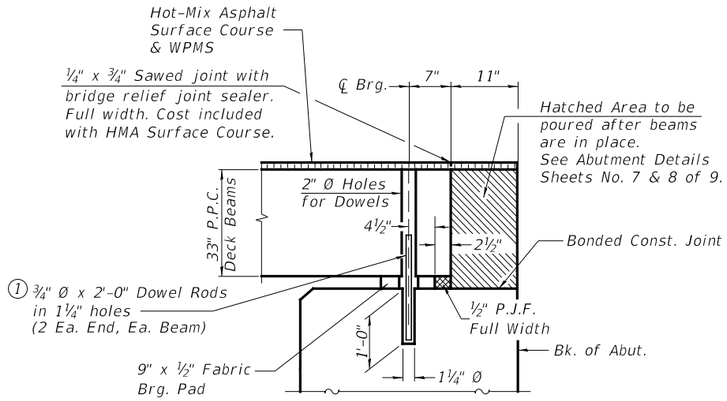
Hutchison Engineering, Inc. JOB #5289	USER NAME = LZeller	DESIGNED - CTM	REVISED -	CITY OF JOLIET FARRELL RD. OVER SPRING CREEK	STEEL RAILING, TYPE SM (SPECIAL)
		DRAWN - JJ	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MMO/BAN	REVISED -		SCALE: NONE / SHEET 5 OF 9 SHEETS
	PLOT DATE = 8/18/2026	DATE - 7/23/2025	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	29
	SN 099-4306	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

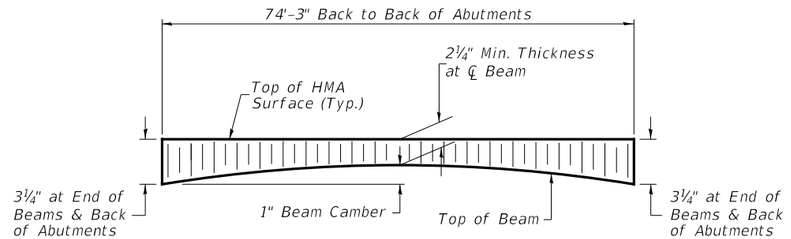
MODEL:
FILE NAME: 2025 5289-b005.dgn



RAIL POST SPACING



SECTION THRU ABUTMENTS



HOT-MIX ASPHALT SURFACE PROFILE

Includes Waterproofing Membrane System (±¾")

① Dowel Rods to be grouted after beams are in place and allowed to cure (Min. 24 hr.) prior to grouting the shear keys.

MODEL:
FILE NAME: 5289-b006.dgn

Hutchison Engineering, Inc.
2025 JOB #5289

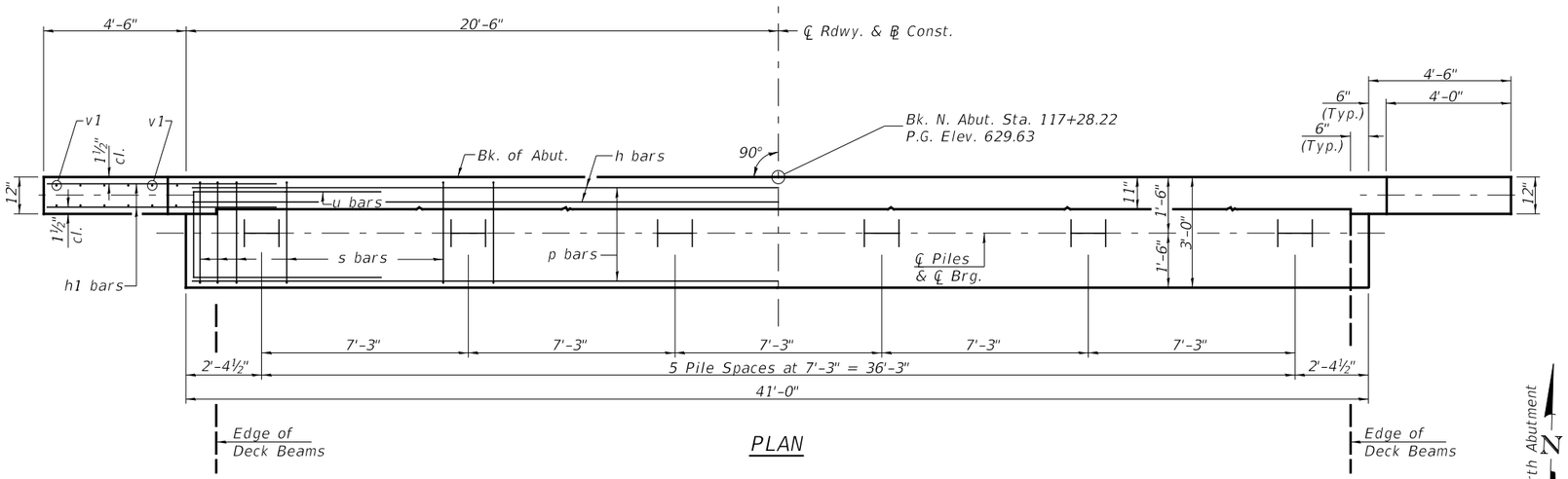
USER NAME = LZeller	DESIGNED - CTM	REVISED -
	DRAWN - JJ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MMO/BAN	REVISED -
PLOT DATE = 8/18/2026	DATE - 7/23/2025	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

RAIL POST SPACING AND SUPERSTRUCTURE DETAILS

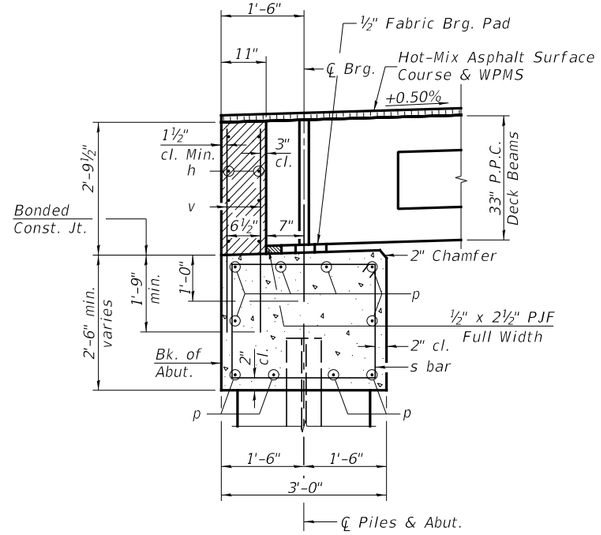
SCALE: NONE | SHEET 6 OF 9 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	30
	SN 099-4306	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

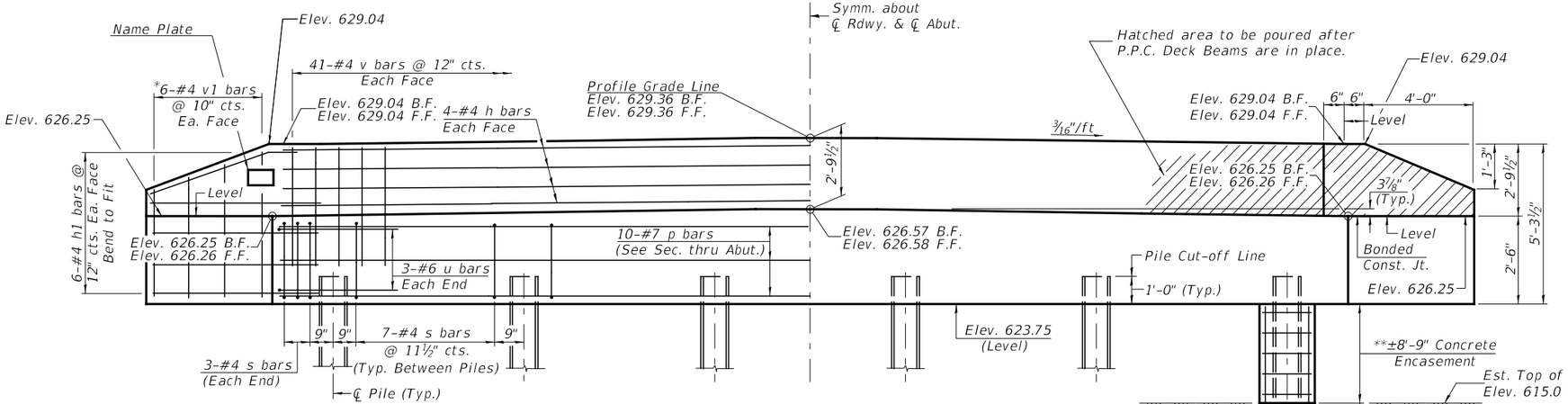


PLAN





SECTION THRU ABUT.



ELEVATION
(Front View of Abutment)

B.F. = Back Face
F.F. = Front Face

**See Sheet 9 of 9 for additional details

NORTH ABUTMENT BILL OF MATERIAL

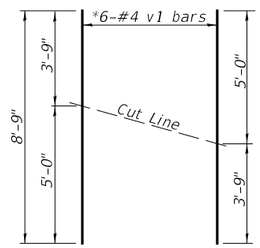
BAR	NO.	SIZE	LENGTH	SHAPE
h	8	#4	40'-9"	——
h1	24	#4	6'-6"	——
p	10	#7	40'-9"	——
s	41	#4	10'-5"	□
u	6	#6	11'-7"	⊏
v	82	#4	4'-6"	——
v1	12	#4	8'-9"	——
Concrete Structures			CU YD	17.6
Reinforcement Bars			POUND	1,860
Structure Excavation			CU YD	55
Name Plates			EACH	1
Furnishing Steel Piles HP10x42			FOOT	78
Drilling and Setting Piles (In Rock)			CU FT	57
Concrete Encasement			CU YD	6.1

PILE DATA

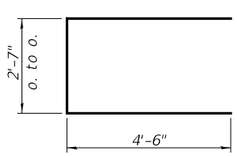
Type & Size: Steel HP10x42
Nominal Required Bearing: Set in Rock (335 kips)
Factored Resistance Available: Set in Rock (184 kips)
Est. Length: 13'
No. Req'd.: 6

NOTES

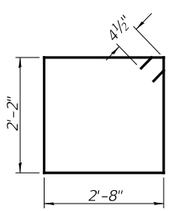
1. The backwall and the portion of the wingwalls above the bonded construction joint shall be cast against the in-place beam.
2. All edges shall have standard ¾" chamfer.
3. The substructure piles shall be oriented such that the pile flanges are parallel to the centerline of the proposed roadway.



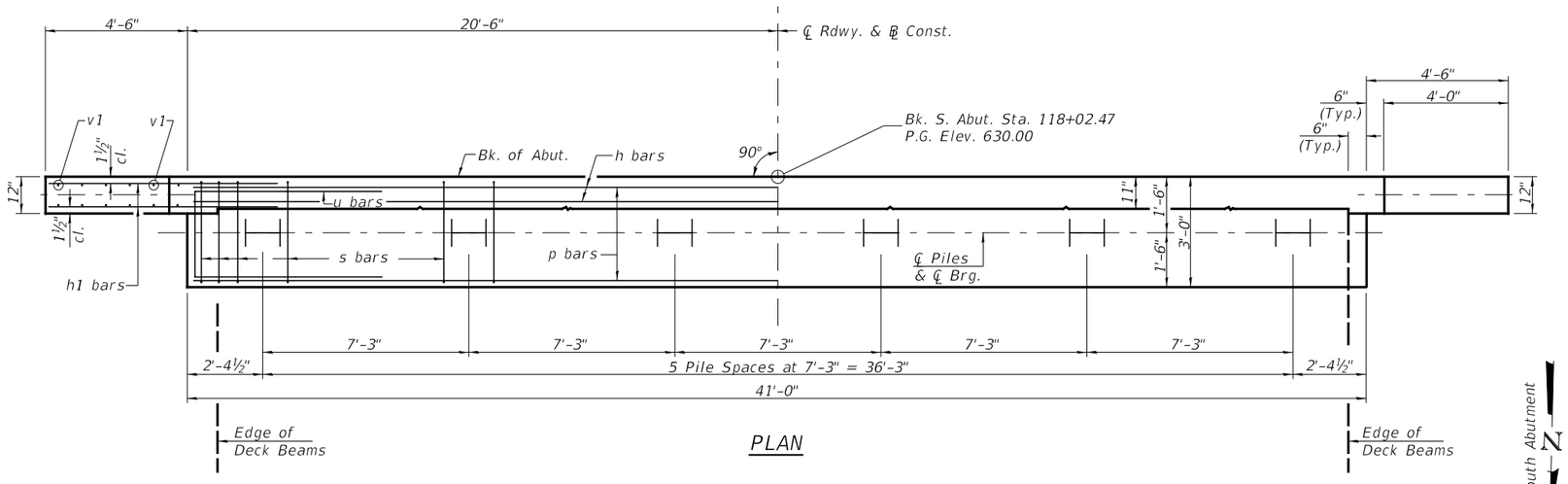
BAR CUTTING DIAGRAM
*Order v1 bars full length. Cut as shown and use remainder of bars in opposite face.



BAR u



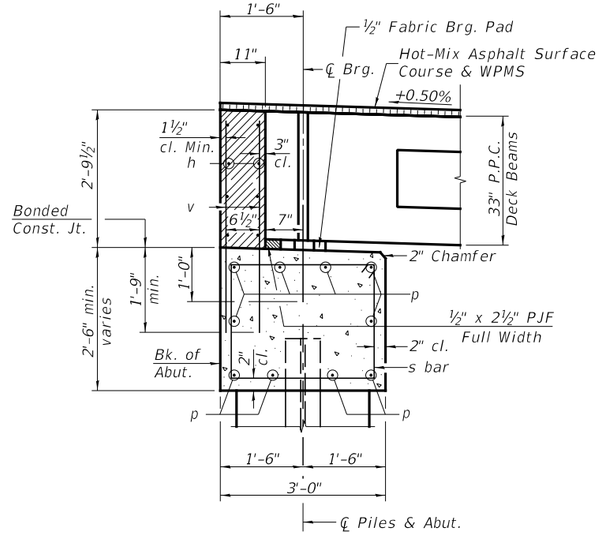
BAR s



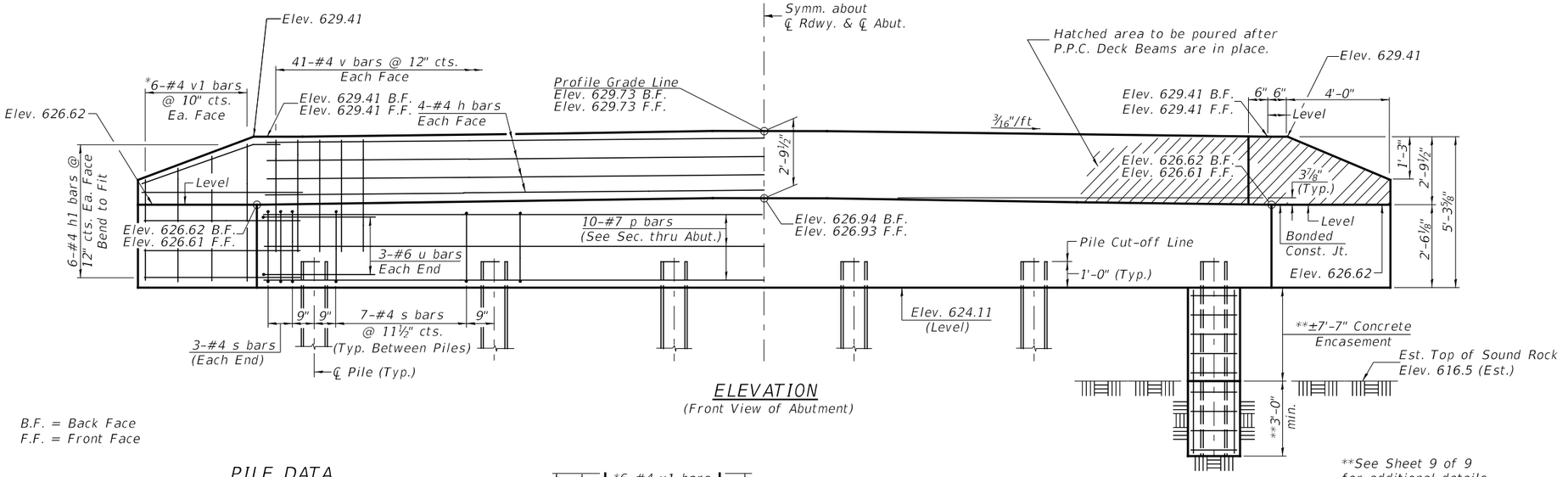
PLAN

South Abutment

N



SECTION THRU ABUT.



ELEVATION
(Front View of Abutment)

B.F. = Back Face
F.F. = Front Face

**See Sheet 9 of 9 for additional details

SOUTH ABUTMENT BILL OF MATERIAL

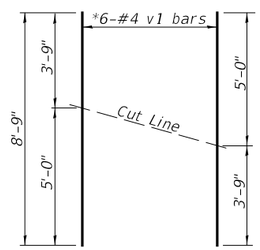
BAR	NO.	SIZE	LENGTH	SHAPE
h	8	#4	40'-9"	——
h1	24	#4	6'-6"	——
p	10	#7	40'-9"	——
s	41	#4	10'-5"	□
u	6	#6	11'-7"	⊏
v	82	#4	4'-6"	——
v1	12	#4	8'-9"	——
Concrete Structures			CU YD	17.6
Reinforcement Bars			POUND	1,860
Structure Excavation			CU YD	55
Furnishing Steel Piles HP10x42			FOOT	72
Drilling and Setting Piles (In Rock)			CU FT	57
Concrete Encasement			CU YD	5.3

PILE DATA

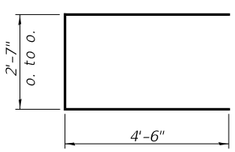
Type & Size: Steel HP10x42
Nominal Required Bearing: Set in Rock (335 kips)
Factored Resistance Available: Set in Rock (184 kips)
Est. Length: 12'
No. Req'd.: 6

NOTES

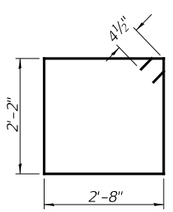
1. The backwall and the portion of the wingwalls above the bonded construction joint shall be cast against the in-place beam.
2. All edges shall have standard ¾" chamfer.
3. The substructure piles shall be oriented such that the pile flanges are parallel to the centerline of the proposed roadway.



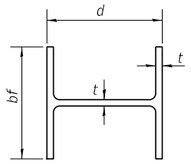
BAR CUTTING DIAGRAM
*Order v1 bars full length. Cut as shown and use remainder of bars in opposite face.



BAR u



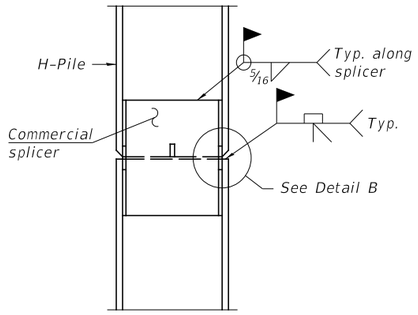
BAR s



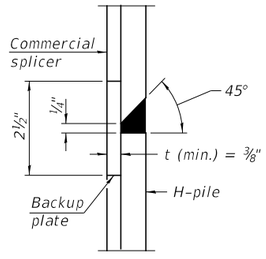
STEEL PILE TABLE

Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter
HP 14x117	14¼"	14⅞"	13/16"	30"
x102	14"	14¾"	1 1/16"	30"
x89	13⅞"	14¾"	⅝"	30"
x73	13⅝"	14⅝"	½"	30"
HP 12x84	12¼"	12¼"	1 1/16"	24"
x74	12⅛"	12¼"	⅝"	24"
x63	12"	12⅛"	½"	24"
x53	11¾"	12"	7/16"	24"
HP 10x57	10"	10¼"	9/16"	24"
x42	9¾"	10⅛"	7/16"	24"
HP 8x36	8"	8⅛"	7/16"	18"

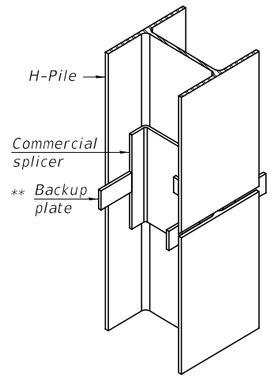
Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



ELEVATION

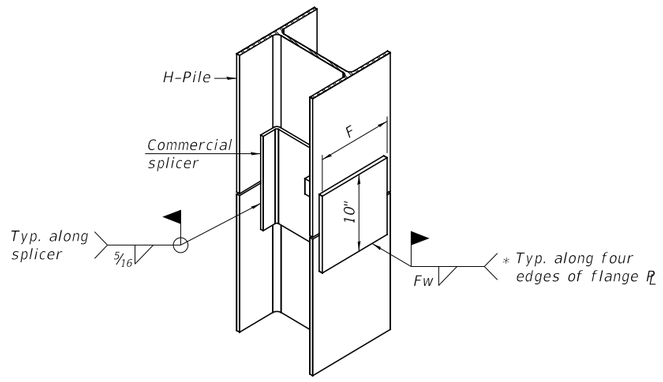


DETAIL "B"



ISOMETRIC VIEW

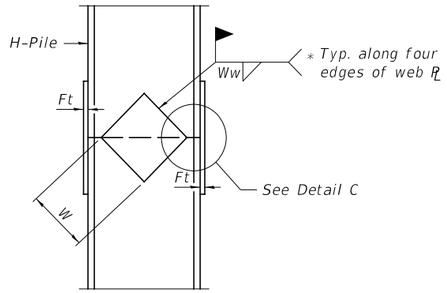
WELDED COMMERCIAL SPLICE



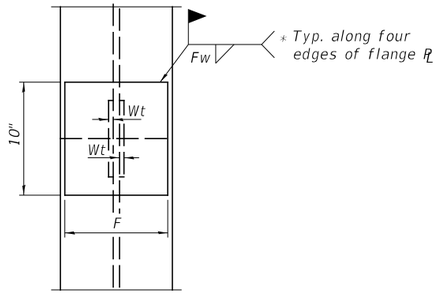
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

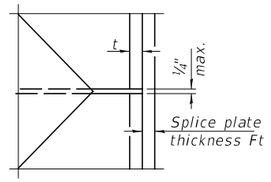
* Interrupt welds ¼" from end of web and/or each flange.
** Remove portions of backup plates that extend outside the flanges.



ELEVATION



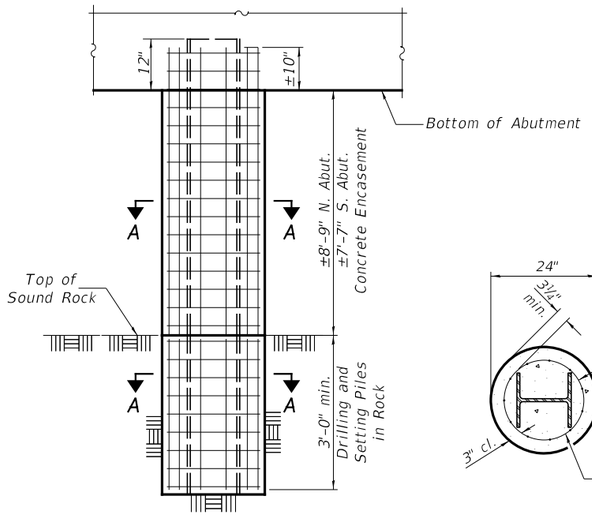
END VIEW



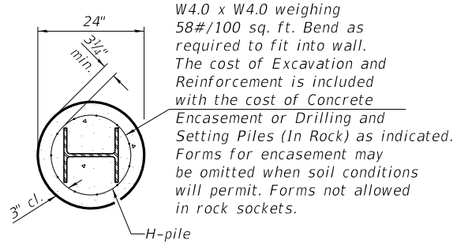
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12½"	1"	⅞"	7¾"	⅝"	½"
x102	12½"	⅞"	¾"	7¾"	⅝"	½"
x89	12½"	¾"	1 1/16"	7¾"	⅝"	½"
x73	12½"	⅝"	9/16"	7¾"	⅝"	½"
HP 12x84	10"	⅞"	1 1/16"	6½"	⅝"	½"
x74	10"	⅞"	1 1/16"	6½"	⅝"	½"
x63	10"	⅝"	½"	6½"	½"	⅜"
x53	10"	⅝"	½"	6½"	½"	⅜"
HP 10x57	8"	¾"	9/16"	5¼"	½"	⅜"
x42	8"	⅝"	9/16"	5¼"	½"	⅜"
HP 8x36	7"	⅝"	7/16"	4¼"	½"	⅜"

WELDED PLATE FIELD SPLICE



ELEVATION



Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. Bend as required to fit into wall. The cost of Excavation and Reinforcement is included with the cost of Concrete Encasement or Drilling and Setting Piles (In Rock) as indicated. Forms for encasement may be omitted when soil conditions will permit. Forms not allowed in rock sockets.

SECTION A-A

PILE ENCASEMENT

MODEL:
FILE NAME:

Hutchison Engineering, Inc.
2025 JOB #5289
5289-b009.dgn

USER NAME = LZeller	DESIGNED - CTM	REVISED -	
	DRAWN - JJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MMO/BAN	REVISED -	
PLOT DATE = 8/18/2026	DATE - 7/23/2025	REVISED -	

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

HP PILE DETAILS

SCALE: NONE | SHEET 9 OF 9 SHEETS

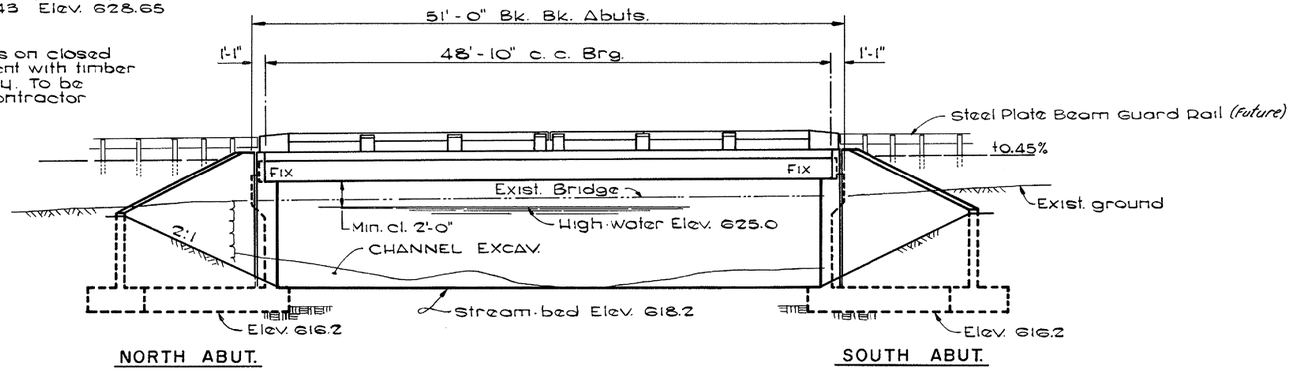
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	33
	SN 099-4306	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

SECTION	ROUTE No.	SHEET
75-00108-00-BR	Farrell Rd.	5 OF
COUNTY: WILL	ROAD DISTRICT: JOLIET	

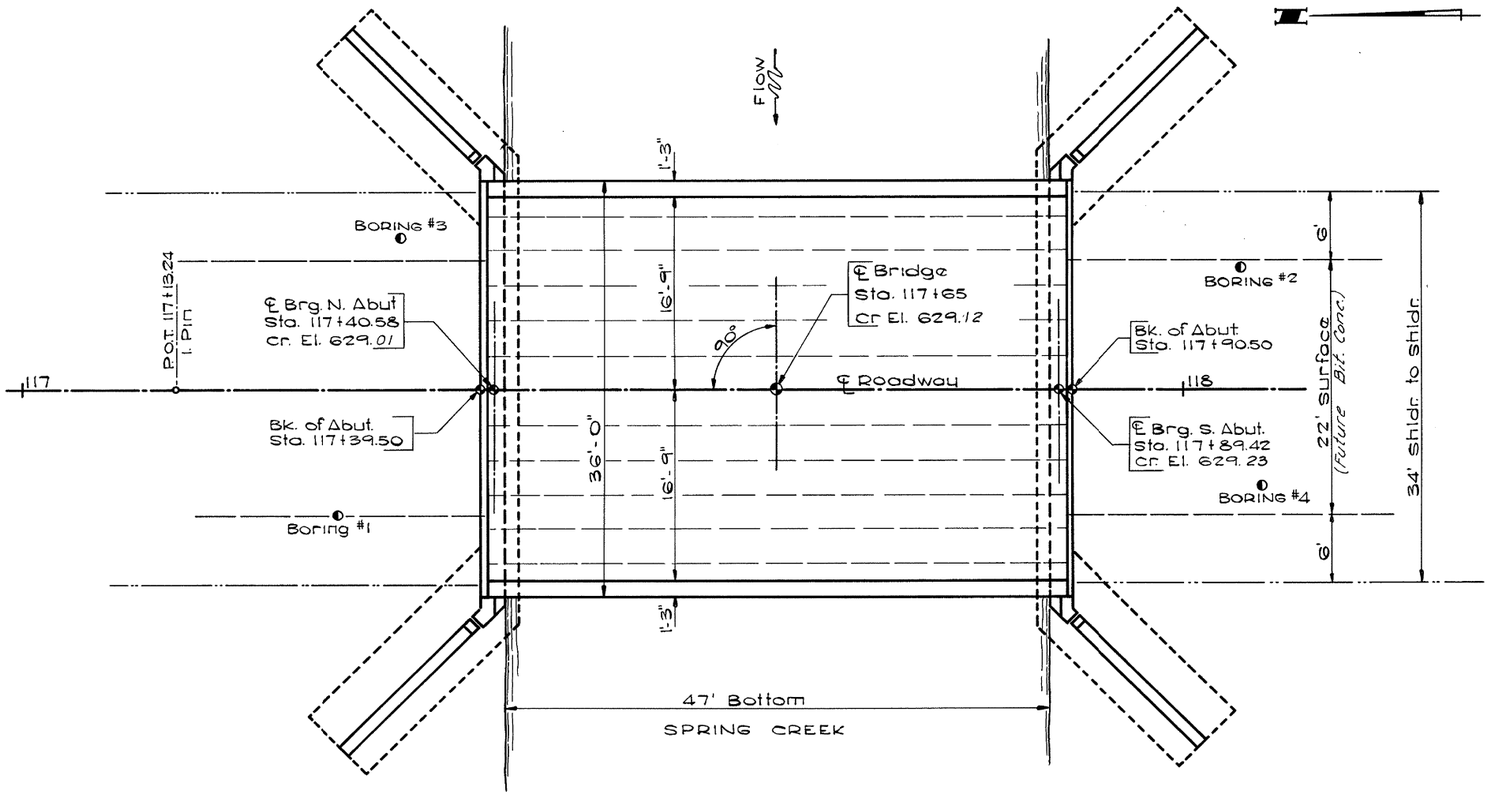
Bridge Sheet 1 of 4

BENCH MARK: Railroad Spike in pole 25' Lt. 118+43 Elev. 628.65

EXISTING STRUCTURE:
A 1 Span (50') steel truss on closed stone masonry abutment with timber plank deck, 18' roadway. To be removed by Bridge contractor
No salvage



ELEVATION



PLAN VIEW

WATERWAY INFORMATION

DRAINAGE AREA ..... 16 Sq. Miles
CHARACTER ..... Level, Rolling, Cult.
EXISTING OPENING ..... 263 Sq. Ft.
REQUIRED OPENING ..... 295 Sq. Ft. (25 yr.)
PROPOSED OPENING ..... 320 Sq. Ft.
COMPUTED DISCHARGE .. 1200 cu. ft/sec.

LOADING HS 20-44

GENERAL NOTES

All reinforcement bars shall be lapped 24 bar diameters unless otherwise shown.

Handrail concrete shall be used in the rail and rail posts. Rail shall be poured in separate operation from interior rail posts.

Backfill shall be placed behind the abutments after the beams are in place. See Article 502.11 of the Standard Specifications.

The top surfaces of the beams shall be finished in accordance with Article 505.06 of the Standard Specifications except that the surfaces shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners.

Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.

The back surface of the abutments and wingwalls shall be waterproofed from top of footing to ground surface in accordance with Article 503.11 of the Standard Specifications.

BILL OF MATERIAL - BRIDGE

ITEM	UNIT	SUB.	SUPER.	TOTAL
CLASS X CONCRETE	CU.YD.	109.0		109.0
REINFORCEMENT BARS	LBS.	7410	2140	9550
HANDRAIL CONCRETE	CU.YD.		7.2	7.2
PRECAST PRESTRESSED CONC. DECK BEAMS (21")	SQ. FT.		1800	1800
PROTECTIVE COAT	SQ.YD.		230	230
WATERPROOFING MEMBRANE SYSTEM	SQ.YD.		~~186~~	~~186~~
BITUMINOUS SURFACE PLANT MIX (CLASS B)	TON		~~15~~	~~15~~
NAME PLATES	EACH		1	1
ROCK EXCAVATION FOR STRUCTURES	CU.YD.	61		61
STRUCTURE EXCAVATION	CU.YD.	132		132
CHANNEL EXCAVATION	CU.YD.	150		150
REMOVAL OF EXISTING STRUCTURES	EACH			1

BRIDGE NO.
SPRING CREEK
SECTION 75-00108-00-BR
BUILT 1975 BY
JOLIET ROAD DISTRICT
WILL COUNTY
LOADING HS 20

INDEX OF BRIDGE SHEETS

1 General Plan & Elevation
2 Deck Details
3 Abutment Details
4 Railing Details & Boring Logs

NAME PLATE LETTERING
Std. 2113

DESIGN STRESSES

PRESTRESSED UNITS
f'c = 5,000 p.s.i.
f'ci = 4,000 p.s.i.
f's = 270,000 p.s.i.
fsi = 189,000 p.s.i.

FIELD UNITS
fs = 20,000 p.s.i. Reinf.
fc = 1,400 p.s.i. Conc.
v = 75 p.s.i.
n = 10

SECTION 75-00108-00-BR
JOLIET ROAD DISTRICT
WILL COUNTY

GENERAL PLAN & ELEVATION

LAYOUT BY: R. RHOADS DATE DEC. 1974
DESIGN BY: D.E. HUFFMAN DATE DEC. 1974
CHECKED BY: B. THOMPSON DATE JAN. 1975
APPROVED BY: DATE

PREPARED BY
WILLETT, HOFMANN & ASSOCIATES INC.
CONSULTING ENGINEERS

REGISTERED STRUCTURAL ENGINEER OF ILLINOIS

TRI-CITY BLUE — N40008 N10895

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FOR INFORMATION ONLY

FAU 0366 (FARRELL RD.)
EXISTING STRUCTURE PLANS

SCALE: N/A | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

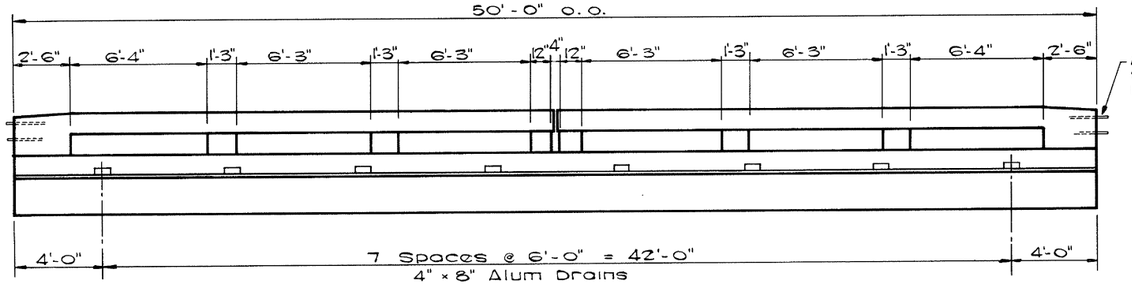
SHEET NO. OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	34
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

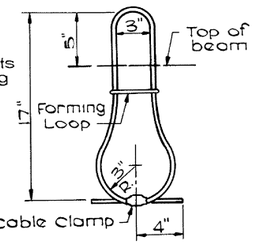
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SECTION	ROUTE No.	SHEET
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COUNTY WILL	ROAD DISTRICT JOLIET	

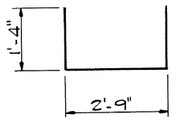
Bridge Sheet 2 of 4



INTERIOR ELEVATION OF CURB & RAIL



LIFTING LOOP



BAR U

GENERAL NOTES

Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270.

The nominal diameter shall be 7/16" and the nominal cross-sectional area shall be 0.115 sq. in.

Lifting loops shall be 5/8" ϕ diameter, 6 x 25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 33,000 lbs.

The 1" ϕ rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly is in place.

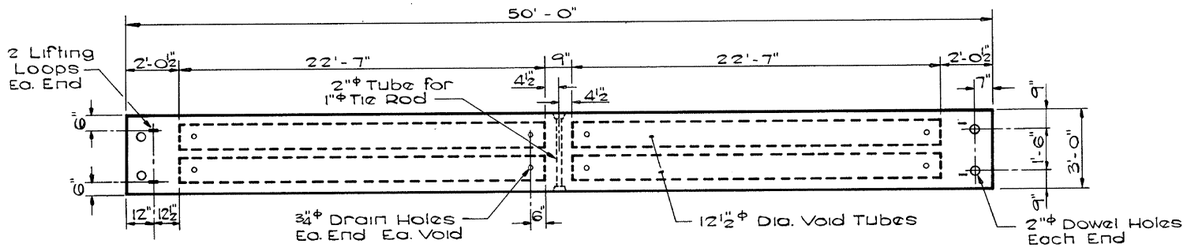
Longitudinal shear keys shall be packed with a very dry mix of 2:1 sand and P.C. mortar.

After beams have been erected, holes for the dowel anchors shall be drilled into the substructure and the anchor dowels shall be grouted in place.

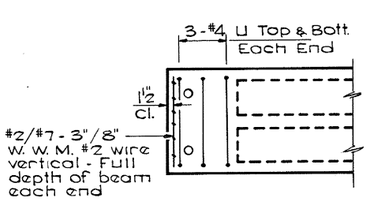
Dowel rods shall be AASHTO M 227 or AASHTO M31 Transverse tie rods shall be AASHTO M 227 Grade 70-80.

After fabrication the transverse tie assemblies (tie rods, nuts, washers and sleeves) shall be hot-dipped galvanized in accordance with AASHTO Designation M-232.

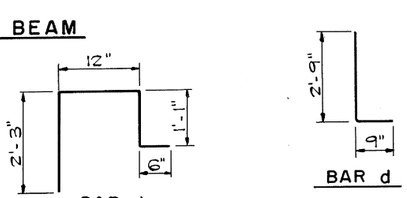
Cost of reinforcement and accessories cast into the beam, of bearing pads, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for "Precast Prestressed Concrete Deck Beams."



PLAN OF BEAM

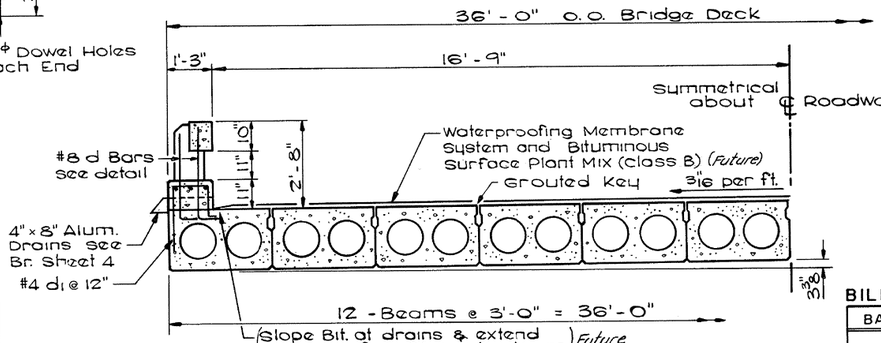


END REINF.



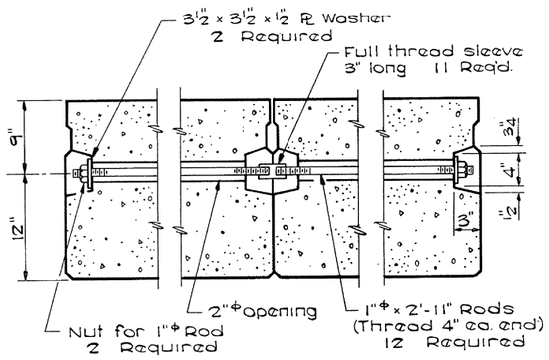
BAR d_1

BAR d

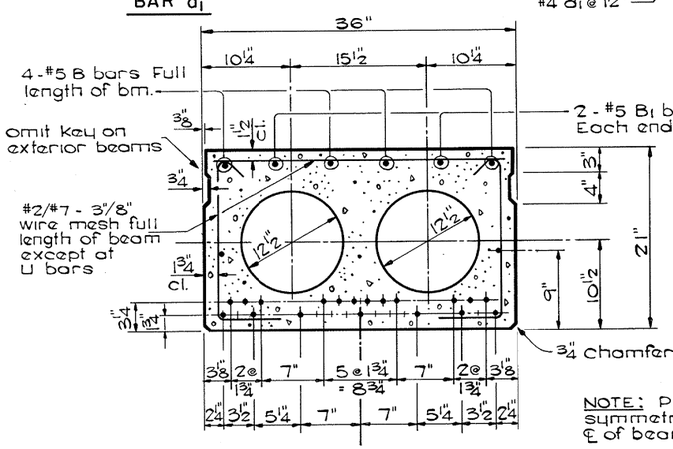


HALF CROSS SECTION

The top surface of the beams shall be initially finished to a true and even surface. After the water sheen disappears the surface shall be broomed at right angles to the beam.



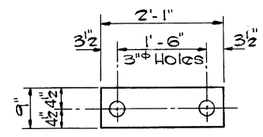
TRANSVERSE TIE ASSEMBLY



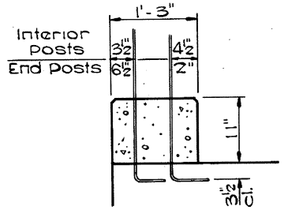
TYPICAL SECTION

21-7/16" ϕ Strands, Eq. Strand Stressed to 21,700 lbs.
7 - Strands up 13¼"
12 - Strands up 3¼"
2 - Strands up 9"

NOTE: Place strands symmetrically about ℄ of beam.



½" FABRIC BEARING PAD
24 Req'd.



RAIL REINF.

NOTE: See railing details Br. Sheet 4 for additional details of curb & rail.

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
d	88	#8	3'-6"	L
d_1	100	#4	4'-10"	⊓
Precast Prestressed Concrete Deck Beams 21"		Sq. Ft.	1800	
Waterproofing Membrane System		Sq. Yds.	~~186~~	
Bit. Surface Plant Mix (Cl. B) Tons			~~15~~	

DECK DETAILS
SEC. 75-00108-00-BR
JOLIET ROAD DISTRICT
WILL, COUNTY

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TRI-CITY BLUE, ARKYRIGHT

Hutchison Engineering, Inc.

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	DRAWN -	REVISED -
PLOT SCALE = 2.000000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FOR INFORMATION ONLY

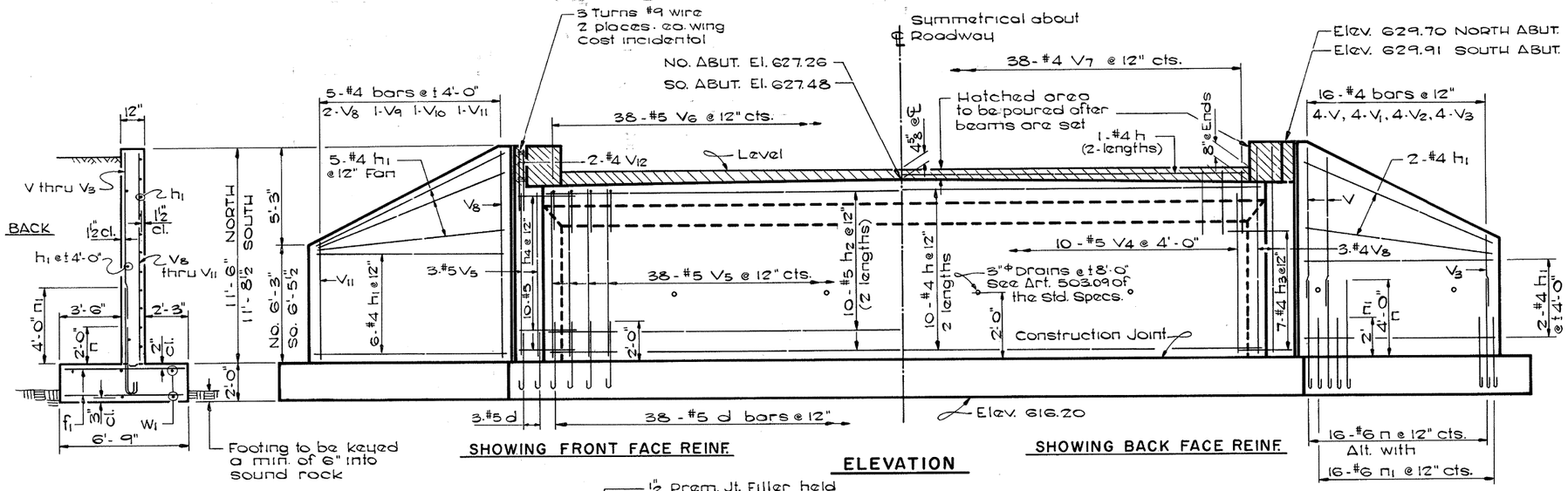
FAU 0366 (FARRELL RD.)
EXISTING STRUCTURE PLANS

SCALE: N/A | SHEET NO. 2 OF 4 SHEETS | STA. | TO STA.

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0366	21-00542-00-BR	WILL	46	35
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

SECTION	ROUTE No.	SHEET
75-00108-00-BR	Farrell Rd.	7 OF
COUNTY		ROAD DISTRICT
WILL		JOLIET

Bridge Sheet 3 of 4

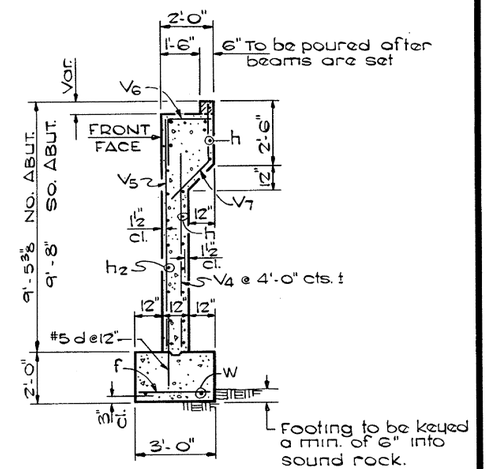


SHOWING FRONT FACE REINF.

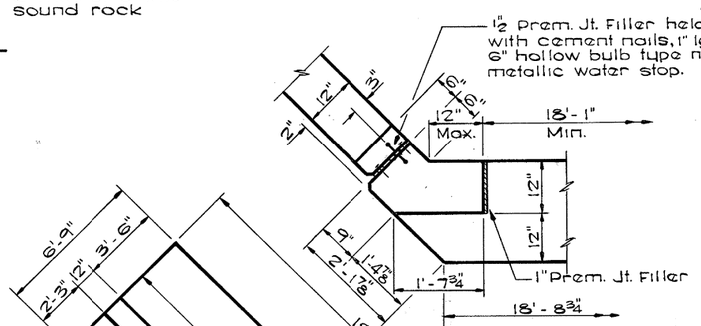
SHOWING BACK FACE REINF.

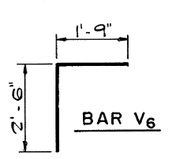
ELEVATION

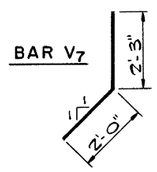
SECTION THRU WING

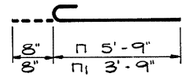


SECTION THRU ABUT.

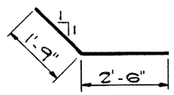




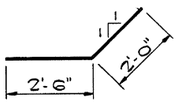




BARS n & n1



BAR h3



BAR h4

SHOWING DIMENSIONS

SHOWING FOOTING REINFORCEMENT

PLAN VIEW

Max. Computed Bearing Pressure = 7,430 p.s.f.

BILL OF MATERIAL - 2 ABUTS.

BAR	NO.	SIZE	LENGTH	SHAPE
d	88	#5	3'-6"	—
f	84	#4	2'-9"	—
f1	160	#5	6'-0"	—
h	44	#4	18'-6"	—
h1	60	#4	15'-3"	—
h2	40	#5	19'-0"	—
h3	28	#4	4'-3"	⌞
h4	40	#5	4'-6"	⌞
n	64	#6	6'-5"	⊂
n1	64	#6	4'-5"	⊂
V	16	#4	8'-6"	—
V1	16	#4	7'-0"	—
V2	16	#4	5'-6"	—
V3	16	#4	4'-0"	—
V4	20	#5	7'-6"	—
V5	88	#5	8'-8"	—
V6	76	#5	4'-3"	⌜
V7	76	#4	4'-3"	⌟
V8	20	#4	11'-0"	—
V9	4	#4	8'-6"	—
V10	4	#4	7'-0"	—
V11	4	#4	6'-0"	—
V12	8	#4	3'-6"	—
W	8	#5	21'-5"	—
W1	24	#5	20'-0"	—
Class X Conc. Cu.Yds.				109.0
Reinforcement Bars Lbs.				7410
Rock Excav. for Struct. C.Y.				61

ABUTMENT DETAILS
SECTION 75-00108-00 BR
JOLIET ROAD DISTRICT
WILL, COUNTY

FOR INFORMATION ONLY

MODEL: Default
FILE NAME: V:\15289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-int-exist-structure-3.dgn

TRI-CITY BLUE, ARKWEIGHT

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
EXISTING STRUCTURE PLANS

SCALE: N/A | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	36
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

BORING LOG

OWNER: WILL COUNTY HIGHWAY DEPARTMENT
PROJECT: Proposed Bridge, Section 108 B-TR Joliet Road District
ARCHITECT-ENGINEER: Willett Hofmann Associates Inc.
LOCATION: Farrell Road, Will County

HOLE NO. 1
SURFACE ELEVATION 624.41

DEPTH ELEVATION	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST.	SAMPLE RECOVERY	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1 2 3 4 5; PL MC LL) STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)	REMARKS
		PA			Topsoil (OH)			
1.25					Clayey Sand & Gravel Brown			
2.5								
3.75		PA						
5.0								
6.25					(SC)			
7.5		PA			See "A"			
		PA			See "B"			
8.5					End of Boring 8½ Feet "A" Highly Fractured & Weathered Brown Dolomite Limestone Bedrock, Thin Bedded "B" Fractured Gray Dolomite Lime Stone Bedrock, Thin Bedded			

WATER LEVEL OBSERVATIONS: W.L. Dry (WS OR WD); B.C.R. A.C.R.; W.L. Dry A. B.
Soil Exploration and Engineering Company
BORING STARTED 11-5-74; BORING COMPLETED 11-5-74; DRILLER B.S.; RIG 1; DRAWN 296, G. G.; SHEET 1 OF 1

BORING LOG

OWNER: WILL COUNTY HIGHWAY DEPARTMENT
PROJECT: Proposed Bridge, Section 108 B-TR Joliet Road District
ARCHITECT-ENGINEER: Willett Hofmann Associates, Inc.
LOCATION: Farrell Road, Will County

HOLE NO. 2
SURFACE ELEVATION 625.98

DEPTH ELEVATION	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST.	SAMPLE RECOVERY	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1 2 3 4 5; PL MC LL) STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)	REMARKS
		PA			Topsoil (OH)			
1.25					Clayey Sand & Gravel, Brown			
2.5								
3.75		PA						
5.0					(SC)			
6.25								
7.5		PA			See "A"			
8.5		PA			See "B"			
					End of Boring 8½ Feet "A" Highly Fractured & Weathered Brown Dolomite Limestone Bedrock, Thin Bedded "B" Fractured Gray Dolomite Limestone Bedrock, Thin Bedded			

WATER LEVEL OBSERVATIONS: W.L. Dry (WS OR WD); B.C.R. A.C.R.; W.L. Dry A.B.
Soil Exploration and Engineering Company
BORING STARTED 11-5-74; BORING COMPLETED 11-5-74; DRILLER B.S.; RIG 1; DRAWN 296, G. G.; SHEET 1 OF 1

BORING LOG

OWNER: WILL COUNTY HIGHWAY DEPARTMENT
PROJECT: Proposed Bridge, Section 108 B-TR Joliet Road District
ARCHITECT-ENGINEER: Willett Hofmann Associates, Inc.
LOCATION: Farrell Road, Will County

HOLE NO. 3
SURFACE ELEVATION 624.37

DEPTH ELEVATION	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST.	SAMPLE RECOVERY	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1 2 3 4 5; PL MC LL) STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)	REMARKS
		PA			(Fill) Topsoil & Gravel Mixed (OH-SP)			
					(Fill) See "A"			
1.25	1	SS			(Fill) Topsoil & Silty Clay Mixed, Brown, Stiff, Moist to High Plasticity (OH-CL)			
2.5								
3.75		PA			(Fill) Topsoil & Silty Clay Mixed, Brown - Gray, Trace Sand, Gravel & Roots, Tough, Wet, Medium to High Plasticity (OH-CL)			
5.0					Brown Sand			
6.25	2	SS			Highly Fractured & Weathered Brown Dolomite Limestone, Bedrock, Thin Bedded, Trace Sand & Clay, Damp		60/3" Refusal	
7.5		PA			Fractured Gray, Dolomite Limestone Bedrock, Thin Bedded, Damp			
8.75								
10.0					End of Boring 10 Feet "A" Silty Clay, Brown and Gravel Mixed (CL-GP)		*Calibrated Penetrometer Unconfined Compression	

WATER LEVEL OBSERVATIONS: W.L. Dry (WS OR WD); B.C.R. A.C.R.; W.L. Dry, A. B.
Soil Exploration and Engineering Company
BORING STARTED 11-4-74; BORING COMPLETED 11-4-74; DRILLER B.S.; RIG 1; DRAWN 296, G.G.; SHEET 1 OF 1

BORING LOG

OWNER: WILL COUNTY HIGHWAY DEPARTMENT
PROJECT: Proposed Bridge, Section 108 B-TR Joliet Road District
ARCHITECT-ENGINEER: Willett Hofmann Associates, Inc.
LOCATION: Farrell Road, Will County

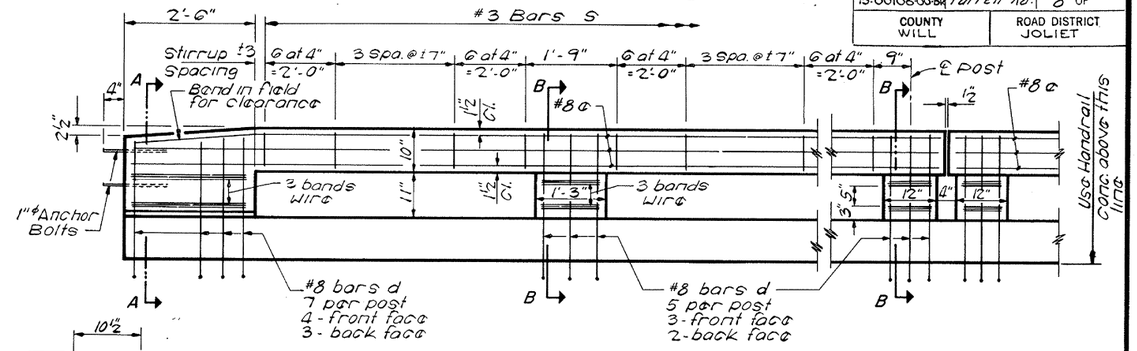
HOLE NO. 4
SURFACE ELEVATION 625.87

DEPTH ELEVATION	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST.	SAMPLE RECOVERY	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1 2 3 4 5; PL MC LL) STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)	REMARKS
		PA			Topsoil & Silty Clay Mixed, Brown, Moist, Low Plasticity			
1.25	1	SS			(OH-CL)			
2.5								
3.75		PA			Clayey Sand, Red, Trace Gravel, Dense, Damp, Non-Plastic (SC)			
5.0								
6.25	2	SS			Fractured Gray Dolomite Limestone Bedrock, Thin Bedded, Damp		50/5" Refusal	
7.5		PA						
8.25								
10.0					End of Boring 10 Feet			

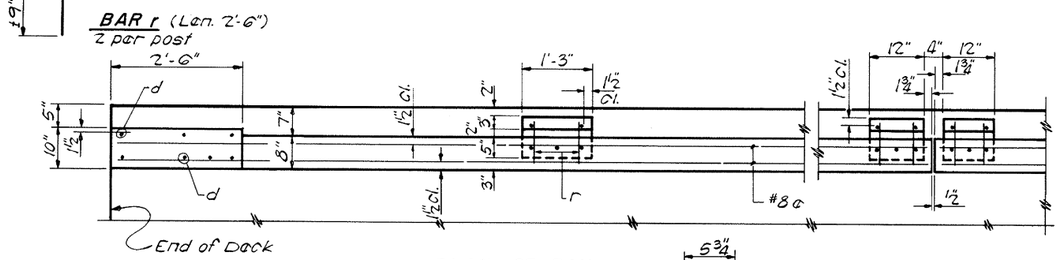
WATER LEVEL OBSERVATIONS: W.L. Dry (WS OR WD); B.C.R. A.C.R.; W.L. Dry A.B.
Soil Exploration and Engineering Company
BORING STARTED 11-5-74; BORING COMPLETED 11-5-74; DRILLER B.S.; RIG 1; DRAWN 296, G.G.; SHEET 1 OF 1

Bridge Sheet 4 of 4

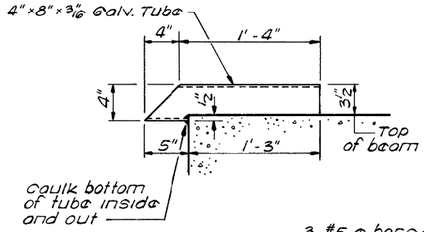
SECTION	ROUTE No.	SHEET
75-00108-00-BR	Farrell Rd.	8 OF
COUNTY WILL	ROAD DISTRICT JOLIET	



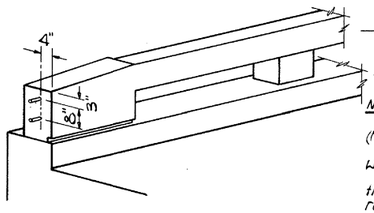
INSIDE ELEVATION OF RAIL

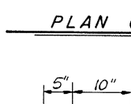


PLAN OF RAIL

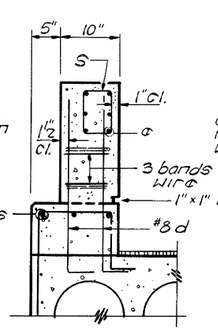


DRAIN DETAIL

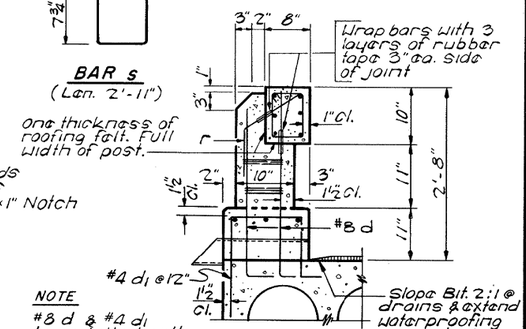




BAR s (Len. 2'-11")

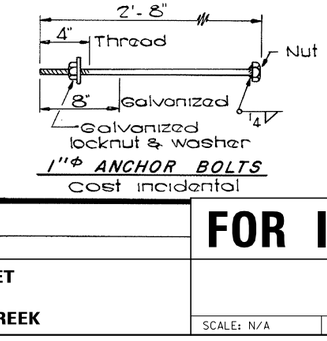


SECTION A-A



SECTION B-B

NOTE
#8 d & #4 d1 bars filled with deck beams



1"ϕ ANCHOR BOLTS
Cost incidental

NOTES:
See Bridge Plans for spacing of posts. (Max. Post spacing 8'-0" c.c.).
Use Double Post and ½ open joint where called for on Bridge Plans.
The cost of furnishing and placing the wire, self vulcanizing rubber tape and roofing felt shall be included in the unit price bid per cubic yard for Handrail Concrete.

Wire shall conform to AASHO M-32 and size W 1.5.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
⊏	24	#8	24'-6"	——
⊏1	12	#5	25'-6"	——
r	24	#4	2'-6"	r
S	192	#3	2'-11"	S
Handrail Concrete Cu.Yd.				7.2
Reinforcement bars lbs.				2140

QUANTITIES

End Post Cu. Yd.	Interior Post Cu. Yd.	Double Post Each Cu. Yd.
0.1270	0.0484	0.0387

0.550 cu. ft. per ft. of rail (between End Posts)

RAILING DETAILS AND BORING LOGS
SEC. 75-00108-00-BR
JOLIET ROAD DISTRICT
WILL, COUNTY

FOR INFORMATION ONLY

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

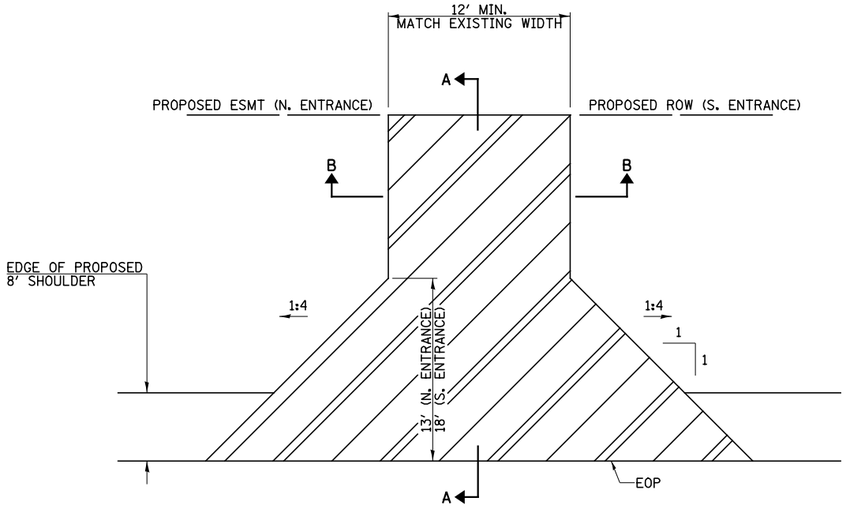
CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
EXISTING STRUCTURE PLANS

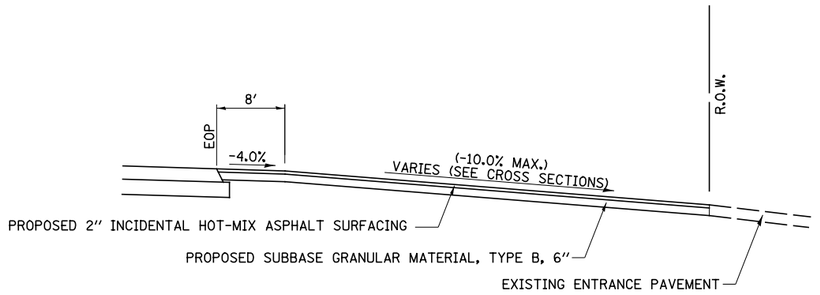
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	37
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

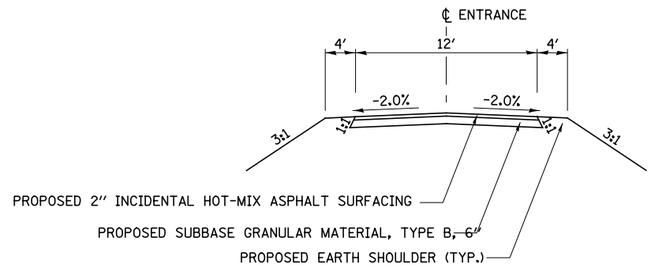
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PLAN



SECTION A–A



SECTION B–B

PRIVATE ENTRANCE DETAILS

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Hutchison Engineering, Inc.

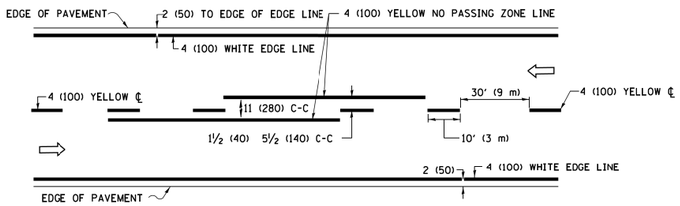
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	DRAWN - RMD	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

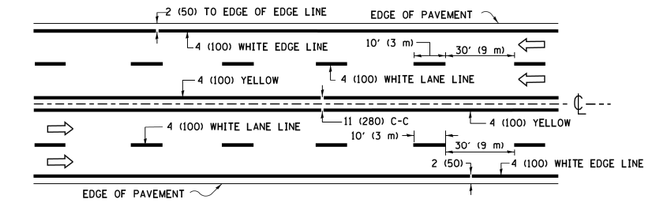
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ENTRANCE DETAILS

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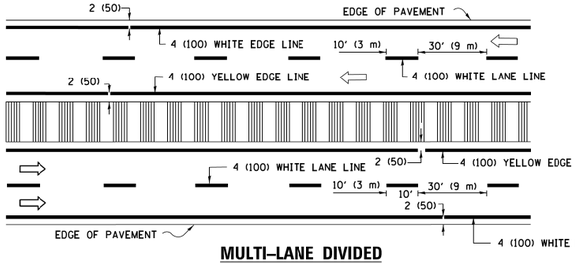
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	38
		CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



2–LANE ROADWAY

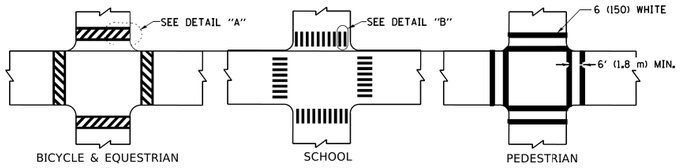


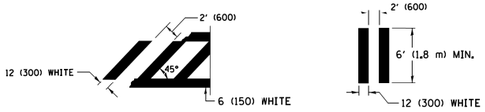
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

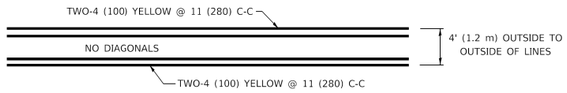




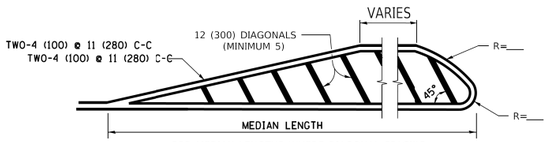
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



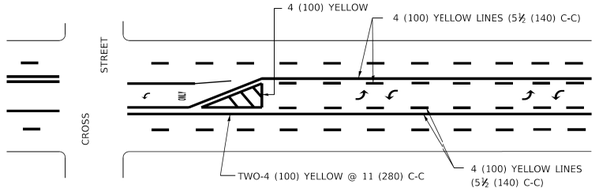
4' (1.2 m) WIDE MEDIANS ONLY



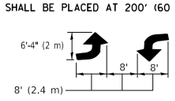
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

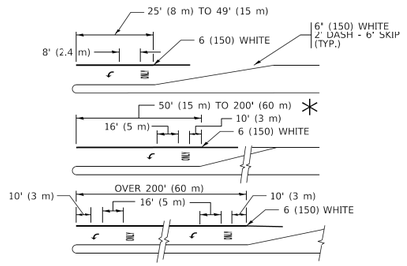


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

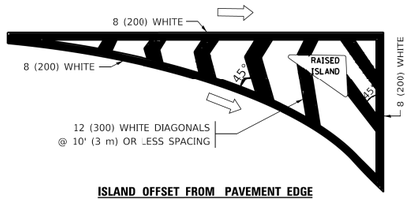


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

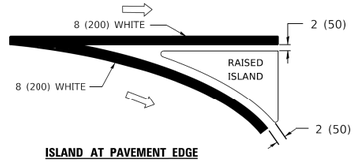
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

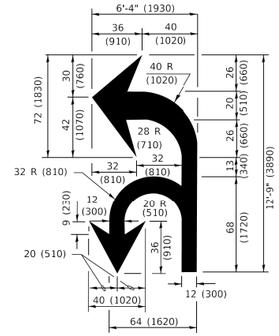


ISLAND OFFSET FROM PAVEMENT EDGE

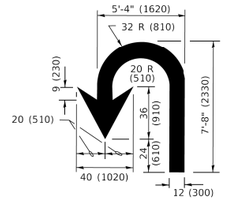


ISLAND AT PAVEMENT EDGE

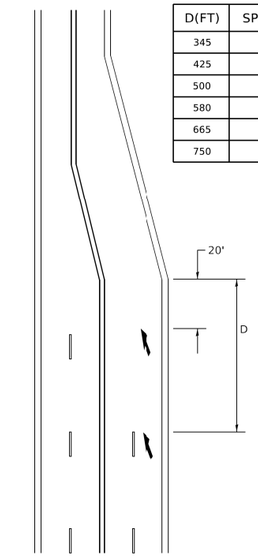
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



LANE REDUCTION TRANSITION

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
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Hutchison Engineering, Inc.

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	DRAWN -	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	39
	TC–13	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUUS(053)		

ROUTE MARKERS

30 — FOR U.S. ROUTES
M1-40-2424

ILL 53 — FOR ILLINOIS ROUTES
M1-50-2424

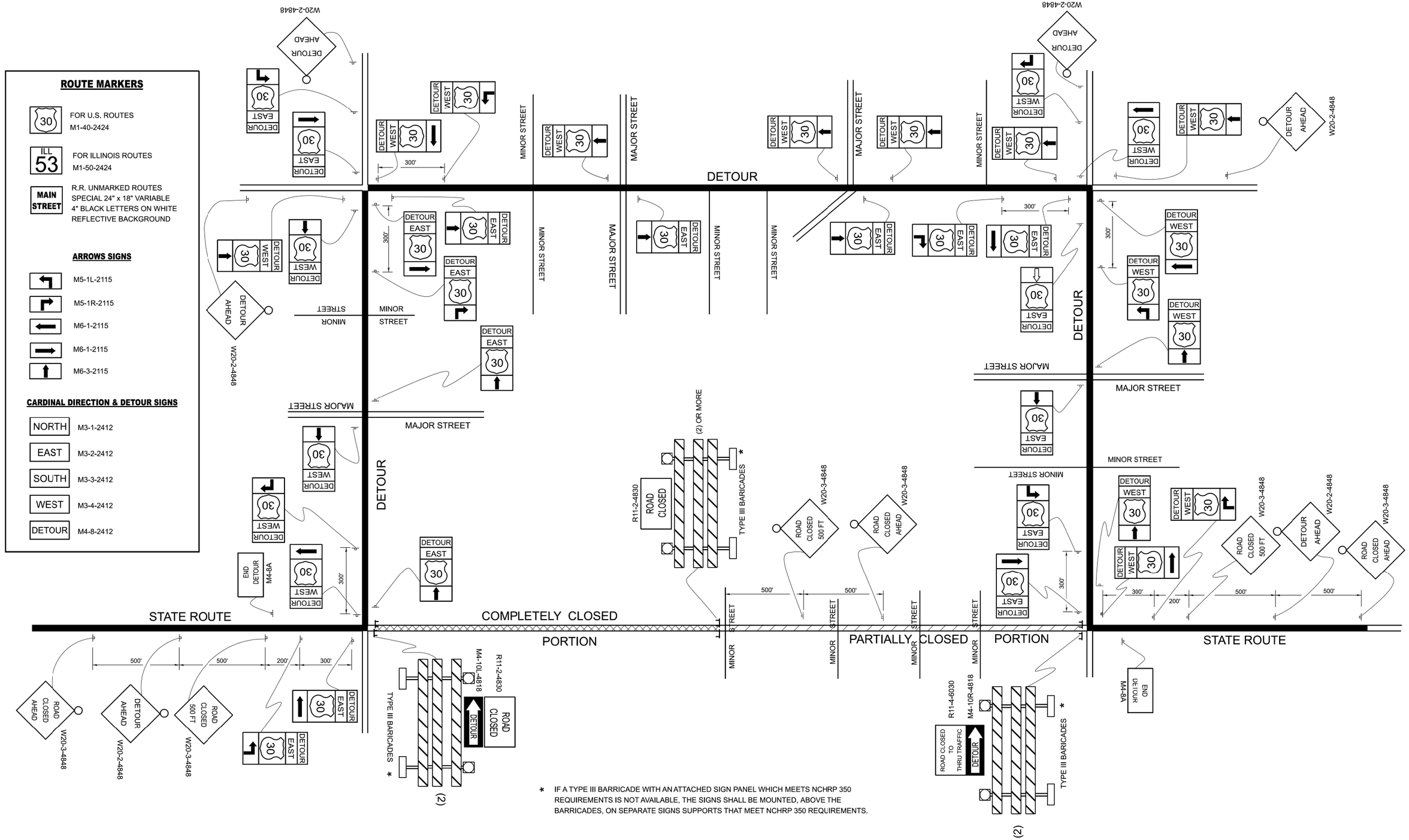
MAIN STREET — R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

- M5-1L-2115
- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH — M3-1-2412
- EAST — M3-2-2412
- SOUTH — M3-3-2412
- WEST — M3-4-2412
- DETOUR — M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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Hutchison Engineering, Inc.

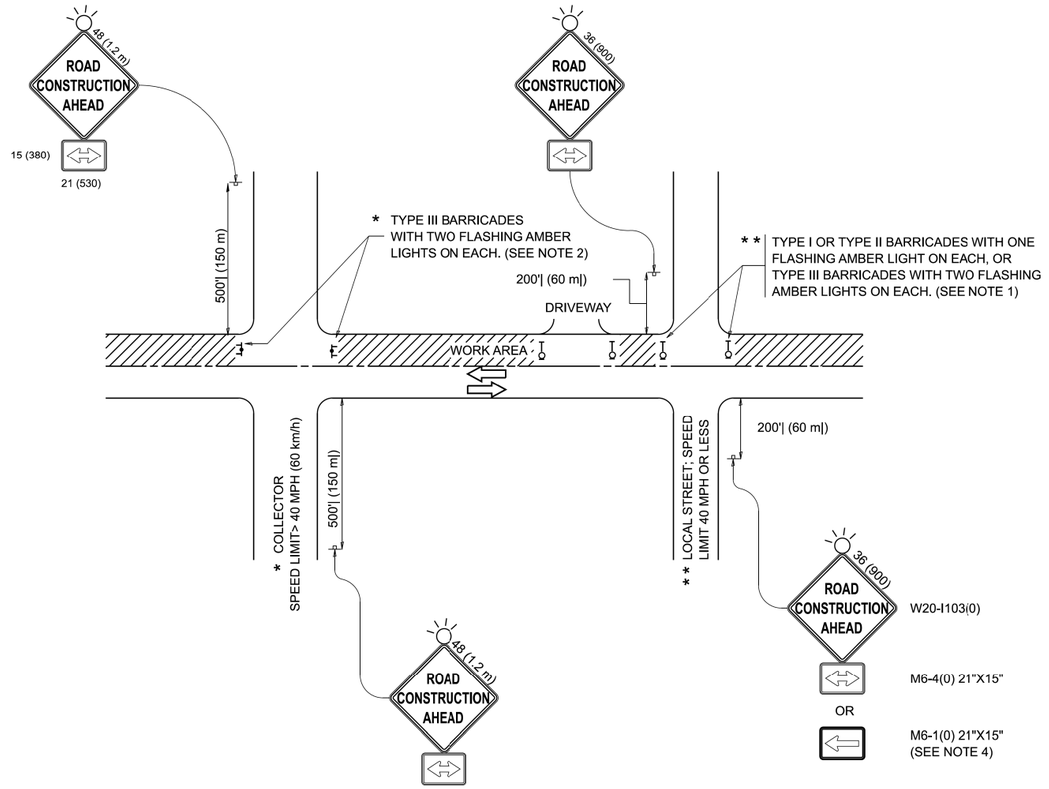
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	DRAWN -	REVISED -
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PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	40
	TC-21	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-details-4.dgn

Hutchison Engineering, Inc.

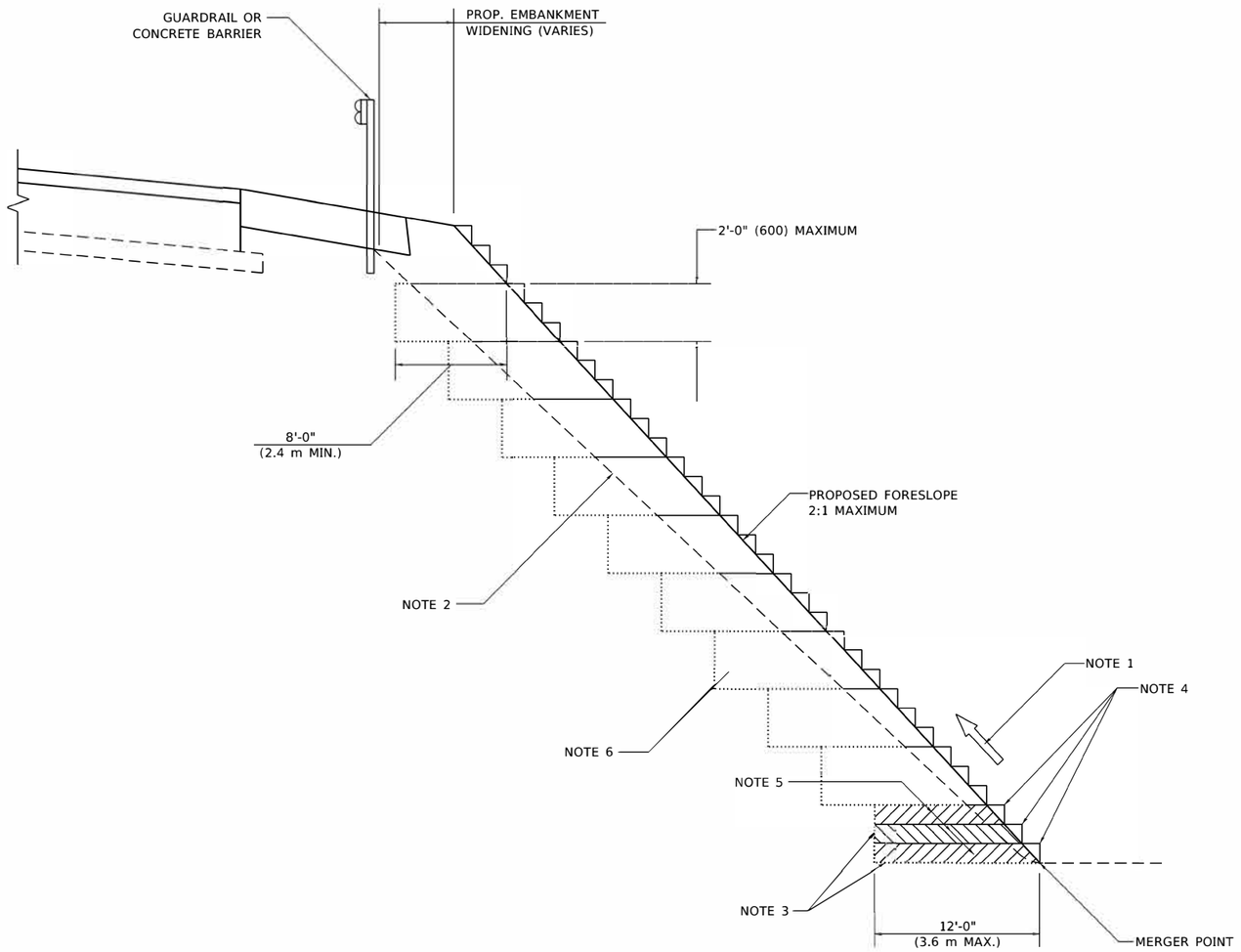
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	DRAWN -	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	41
	TC-10	CONTRACT NO. 61M06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		



TYPICAL BENCHING DETAIL FOR EMBANKMENT

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
FILE NAME: V:\3289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-snt-details-3.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/19/2026	DATE -	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

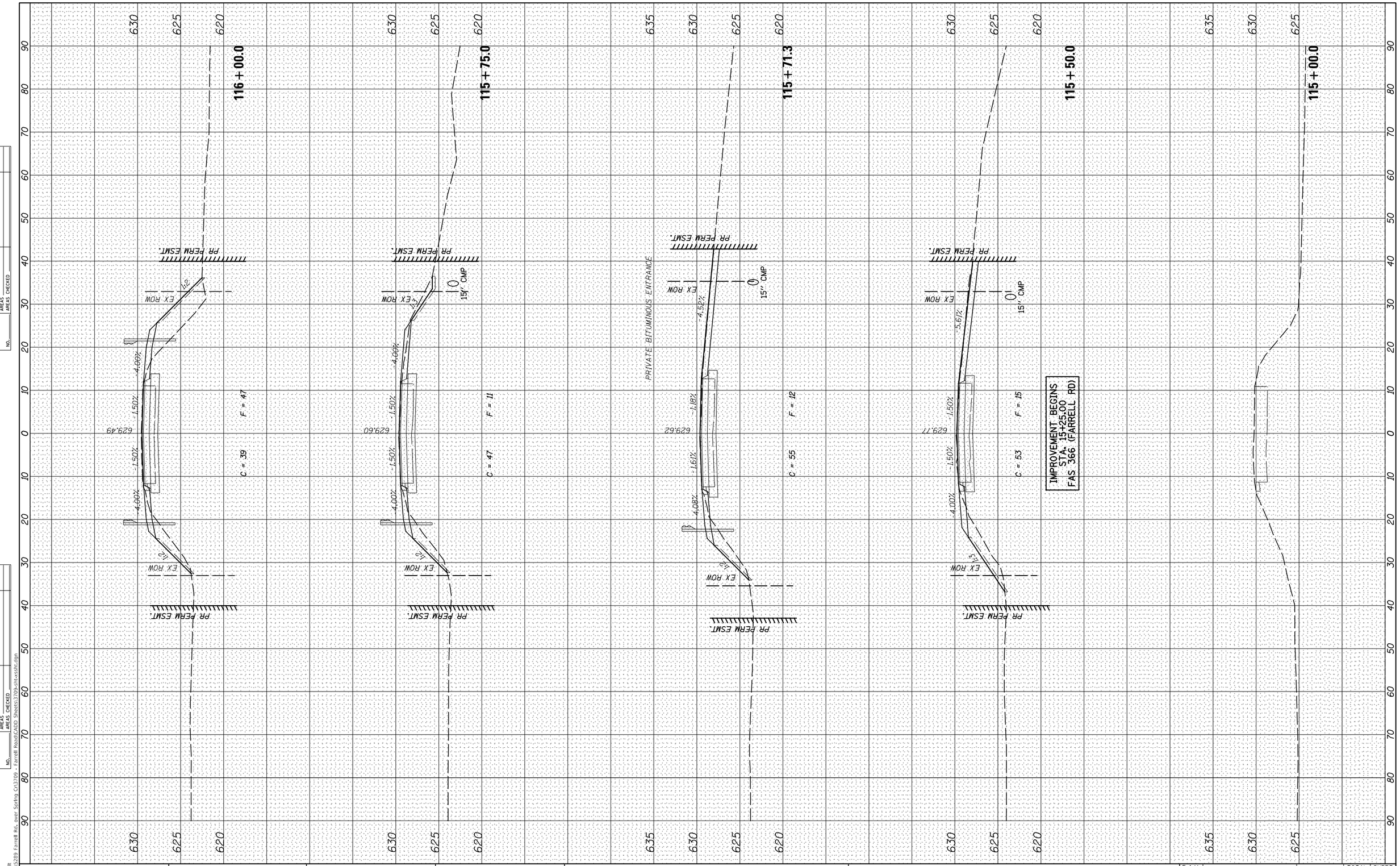
BENCHING DETAIL FOR EMBANKMENT

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	42
	BD-51	**CONTRACT NO. 61M06**		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT NO. UUU5(053)		

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Crk\3709 - Farrell Road\CADD Sheets\3709-sht-xssht.dgn

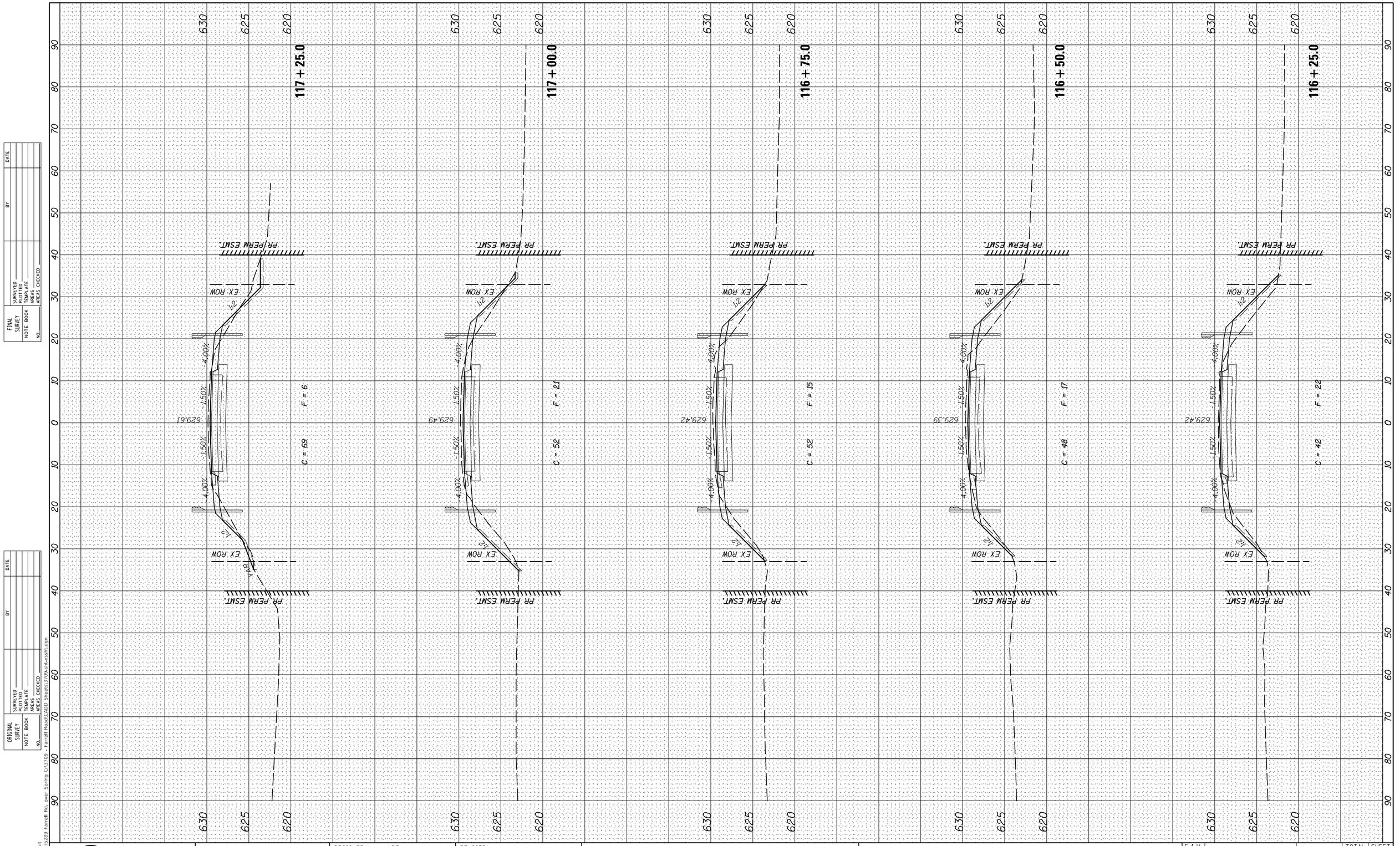
Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - LDZ	REVISED -
		DRAWN - RMD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
CROSS SECTIONS

SCALE: H=20 V=5 | SHEET 1 OF 4 SHEETS | STA. 115+00.0 TO STA. 116+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	43
		CONTRACT NO. 61M06		
		ILLINOIS FED. AID PROJECT NO. UUU5(053)		



FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: Default
FILE NAME: V:\5289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-xssht.dgn

Hutchison Engineering, Inc.

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

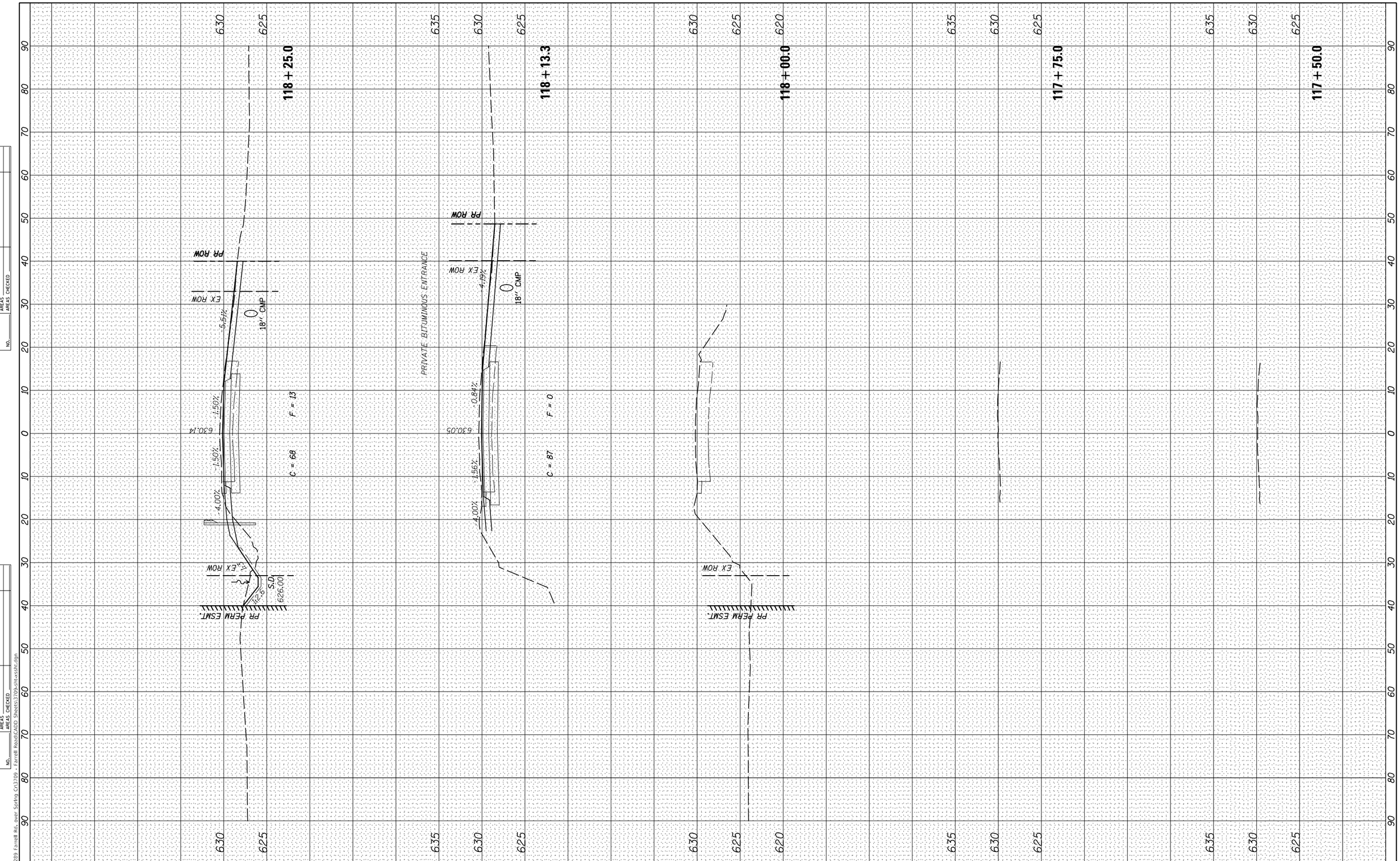
FAU 0366 (FARRELL RD.)
CROSS SECTIONS

SCALE: H=20 V=5 | SHEET 2 OF 4 SHEETS | STA. 116+25.0 TO STA.117+25.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	44
		CONTRACT NO. 61M06		
		ILLINOIS	FED. AID PROJECT NO. UUU5(053)	

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



MODEL: Default
FILE NAME: V:\3289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-xssht.dgn

Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - LDZ	REVISED -
		DRAWN - RMD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
CROSS SECTIONS

SCALE: H=20 V=5 | SHEET 3 OF 4 SHEETS | STA. 117+50.0 TO STA.118+25.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	45
		CONTRACT NO. 61M06		
	ILLINOIS FED. AID PROJECT NO. UUU5(053)			

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

IMPROVEMENT ENDS
STA. 19+75.00
FAS 366 (FARRELL RD)

120+00.0

119+50.0

EX ROW
-3.96%
1.5%
1.5%
-3.97%
1.5%
1.5%
632.37
F = 1
C = 39
S.D. 628.94
PR PERM ESMT.

119+00.0

EX ROW
-4.00%
1.5%
1.5%
-4.00%
1.5%
1.5%
631.19
F = 14
C = 56
S.D. 627.76
PR PERM ESMT.

118+75.0

EX ROW
-4.00%
1.5%
1.5%
-4.00%
1.5%
1.5%
630.74
F = 14
C = 59
S.D. 627.17
PR PERM ESMT.

118+50.0

EX ROW
PR ROW
-5.55%
1.5%
1.5%
-4.00%
1.5%
1.5%
630.39
18" CMP
F = 10
C = 63
S.D. 626.55
PR PERM ESMT.

MODEL: Default
FILE NAME: V:\3289 Farrell Rd. over Spring Cr\3709 - Farrell Road\CADD Sheets\3709-sht-xssht.dgn

Hutchison Engineering, Inc.	USER NAME = LZeller	DESIGNED - LDZ	REVISED -
		DRAWN - RMD	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2026	DATE - 09/29/25	REVISED -

CITY OF JOLIET
FARRELL RD.
OVER SPRING CREEK

FAU 0366 (FARRELL RD.)
CROSS SECTIONS

SCALE: H=20 V=5 | SHEET 4 OF 4 SHEETS | STA. 118+50.0 TO STA.120+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0366	21-00542-00-BR	WILL	46	46
		CONTRACT NO. 61M06		
	ILLINOIS FED. AID PROJECT NO. UUU5(053)			