

11-9-12 LETTING ITEM 031

FOR INDEX OF SHEETS AND LIST OF
HIGHWAY STANDARDS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 3 AND NO. 4

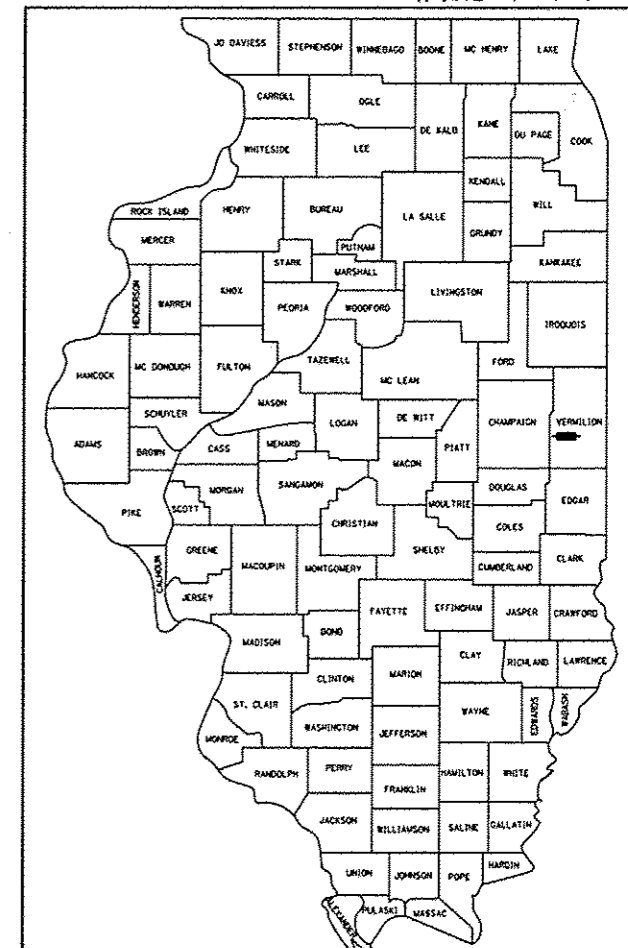
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 74 (I-74)
SECTION MEDIAN CABLE 2012-2
PROJECT ACHSIP-074-6(161)204
HIGHWAY SAFETY IMPROVEMENTS
VERMILION COUNTY
IL 49 NORTH TO 1.3 MILES E. OF OAKWOOD

C-95-004-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	1
ILLINOIS			CONTRACT NO. 70967	

D-95-004-12 X 120+1 = 121



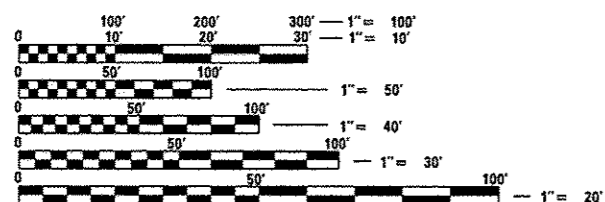
LOCATION OF SECTION INDICATED THUS: - - -

DESIGN DESIGNATION
INTERSTATE

CURRENT TRAFFIC DATA
F.A.I. 74
SPEED LIMIT: 65 MPH

ADT = 24,100 (2009)

STATION EQUATION:
STA. 1224 + 77.59 (BK) =
STA. 1224 + 63.88 (AH)



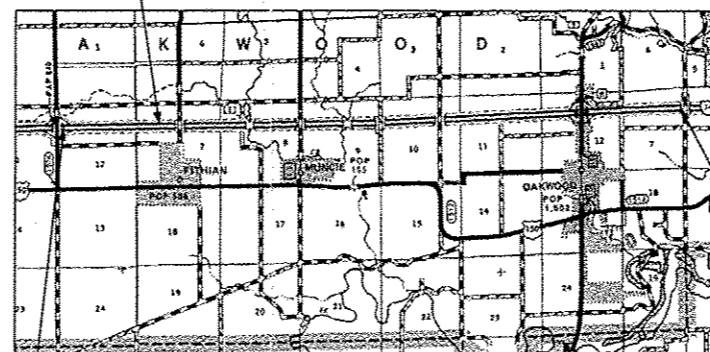
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

SURVEY BOOK NUMBER 4906

PROJECT ENGINEER: JASON STULTS
CONSULTANT LIAISON: RUSTIN KEYS
DISTRICT 5 PHONE NUMBER: (217) 465-4181

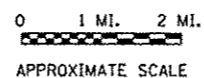
CONTRACT NO. 70967



PROJECT BEGINS
STA. 1160 + 55.00

PROJECT ENDS
STA. 1573 + 23.67

LOCATION MAP



GROSS LENGTH = 41282.38 FT. = 7.818 MILE
NET LENGTH = 41282.38 FT. = 7.818 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED AUGUST 13 2012
Joseph E. Crowe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
October 5 2012
John D. Baranzelli, P.E.
actg ENGINEER OF DESIGN AND ENVIRONMENT
October 5 2012
William R. Frey
actg DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Tom M. McDonough 3-20-12
Signature Date

11/30/13
Expires

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 164-002734

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS
- 3-4 SUMMARY OF QUANTITIES
- 5-7 EXISTING AND PROPOSED TYPICAL SECTIONS
- 8-10 SCHEDULE OF QUANTITIES
- 11-12 ALIGNMENT AND BENCHMARKS
- 13-40 PLAN AND PROFILE SHEETS
- 41 DITCH CHECK SPECIAL & UNDERDRAIN OUTLET DETAILS
- 41A HMA MOW STRIP PROFILE DETAIL
- 42 INLET BOX TYPE 24 G (STANDARD 542531) INSTALLATION DETAIL
- 43 CONCRETE COLLAR
- 44 REPAIR HIGH TENSION CABLE (TRINITY)
- 45 SURVEY MARKERS, TYPE 1 AND 2 (SPECIAL)
- 46-49 SOIL BORING LOGS
- 50-120 CROSS SECTIONS

**LIST OF IDOT
HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 202001-01 EARTH MEDIAN DITCH CHECK
- 280001-06 TEMPORARY EROSION CONTROL SYSTEMS
- 542531-04 INLET BOX TYPE 24 G
- 542546-01 FLUSH INLET BOX FOR MEDIAN
- 542606-02 REINFORCED CONCRETE PIPE TEE
- 601001-04 SUB-SURFACE DRAINS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
- 602401-03 MANHOLE TYPE A
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-03 FRAME AND LIDS TYPE 1
- 606401-01 PAVED DITCH
- 667101-02 PERMANENT SURVEY MARKERS
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' FROM PAVEMENT EDGE
- 701101-02 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-06 LANE CLOSURE FREEWAY/EXPRESSWAY DAY OPERATIONS ONLY
- 701901-02 TRAFFIC CONTROL DEVICES

GENERAL NOTES

- G.N.
CULVERT INVERTS TAKEN FROM TOPOGRAPHIC SURVEY. SOME INVERTS DO NOT MATCH RECORD DOCUMENT FLOW DIRECTION DUE TO SILTING OF CULVERTS.
- G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.
- G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.
- G.N.-105.07
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.
- ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.
- G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- G.N.-250C
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.
- G.N.-406H
MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS:	I-74
MIXTURE USE(S):	MOW STRIP, INCIDENTAL SURFACING
AC/PG:	PG 58-22
RAP %: (MAX)**	30
DESIGN AIR VOIDS:	4.0% @ N _{DES} = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5L
FRICTION AGGREGATE:	MIX "C"

- G.N.-550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
- G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.
- G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- G.N.-X032 SPECIAL
MANUFACTURER'S SPECIFICATIONS FOR THE HTC MEDIAN BARRIER SHALL BE IN COMPLIANCE WITH LINES AND GRADES SHOWN ON THE PLANS. LINE POST FOUNDATIONS SHALL BE A MINIMUM DEPTH OF 42" AND SHALL BE IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THE SOIL STRENGTH BASED ON SOIL BORINGS. IN ADDITION, THE HTC MEDIAN BARRIER TERMINALS SHALL BE IN COMPLIANCE WITH THE MANUFACTURER'S SPECIFICATIONS FOR THE SOIL STRENGTH BASED ON PLAN SOIL BORINGS. POSTS SHALL BE PLACED ON CENTERS BASED ON THE MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE A DEFLECTION NOT GREATER THAN 9.2 FEET. FOR QUANTITIES, SEE THE SCHEDULE ON PAGE 10. REFLECTIVE CAPS SHALL BE PLACED ON THE POSTS AT THE SAME SPACING AS RAISED REFLECTIVE MARKERS ON THE ADJACENT PAVEMENT. REFLECTIVE CAPS SHALL NOT BE MEASURED FOR PAYMENT AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "HIGH TENSION CABLE MEDIAN BARRIER". ALL HTC HARDWARE ON THIS PROJECT SHALL MEET TEST LEVEL-4.

COMMITMENTS

NONE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGNER No. 184-002754

FILE NAME 070967-007-GENNOTS.dgn	USER NAME JLM	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS			F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 2
		DRAWN - JLM	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70967			
		CHECKED - TMM	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY I-74 RURAL HSIP 90% FEDERAL 10% STATE 0021
20200100	EARTH EXCAVATION	CU YD	3010
20400800	FURNISHED EXCAVATION	CU YD	13720
25000210	SEEDING, CLASS 2A	ACRE	15.75
25000350	SEEDING, CLASS 7	ACRE	15.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1417.5
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1417.5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1417.5
25100115	MULCH, METHOD 2	ACRE	15.75
25100630	EROSION CONTROL BLANKET	SQ YD	80
28000305	TEMPORARY DITCH CHECKS	FOOT	1254
28000500	INLET AND PIPE PROTECTION	EACH	47
28100201	STONE RIPRAP, CLASS A1	TON	285
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5509
50104400	CONCRETE HEADWALL REMOVAL	EACH	156

CODE NO.	ITEM	UNIT	TOTAL QUANTITY I-74 RURAL HSIP 90% FEDERAL 10% STATE 0021
54217690	REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 24" RISER	EACH	2
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	21
54246405	INLET BOX, STANDARD 542531	EACH	18
54248510	CONCRETE COLLAR	CU YD	16.5
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	82
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	85
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	14
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	25
55100900	STORM SEWER REMOVAL 18"	FOOT	16
55101200	STORM SEWER REMOVAL 24"	FOOT	30
55101400	STORM SEWER REMOVAL 30"	FOOT	13
55101600	STORM SEWER REMOVAL 36"	FOOT	36
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	119

* SPECIALTY ITEM

McDonough-Whitlow, P.C.
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL ENGINEER No. 181-002754

FILE NAME : D78966-003-500.dgn	USER NAME : JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	3
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

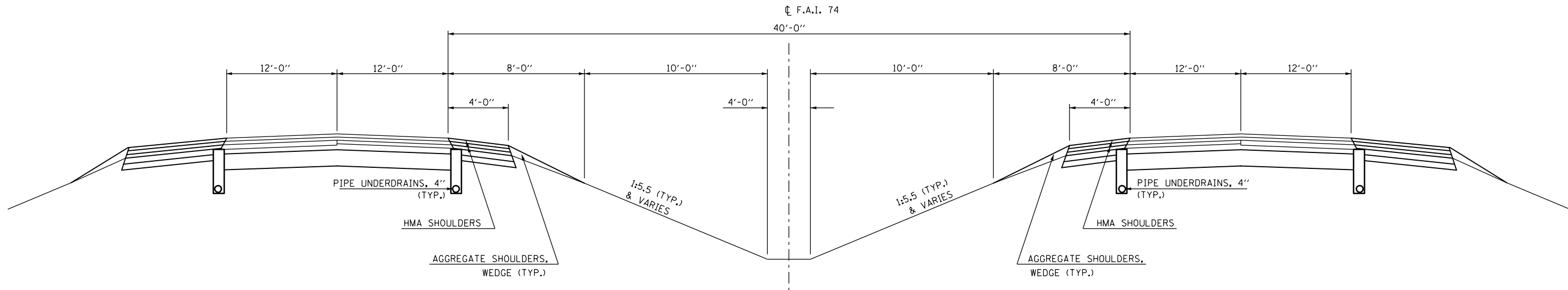
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY I-74 RURAL HSIP 90% FEDERAL 10% STATE 0021
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1220
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60616800	PAVED DITCH, TYPE B-15	FOOT	150
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	10
67100100	MOBILIZATION	L SUM	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
X0323583	SPEED INDICATOR SIGN	CAL DA	290
•• X0325667	WEED CONTROL MOWING STRIP (SPECIAL)	50 YD	14882
X0326201	REPAIR HIGH TENSION CABLE (TRINITY)	FOOT	6293
X0326203	REPAIR HIGH TENSION CABLE SYSTEM END SECTION (TRINITY)	EACH	2
X0484300	MEDIAN INLET BOX REMOVAL	EACH	24
X6340205	GUARD POSTS REMOVAL	EACH	28

CODE NO.	ITEM	UNIT	TOTAL QUANTITY I-74 RURAL HSIP 90% FEDERAL 10% STATE 0021
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14
XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	8
Z0029652	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	32484
Z0029653	HIGH TENSION CABLE MEDIAN BARRIER DEMONSTRATION	EACH	1
Z0029654	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	20
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	31

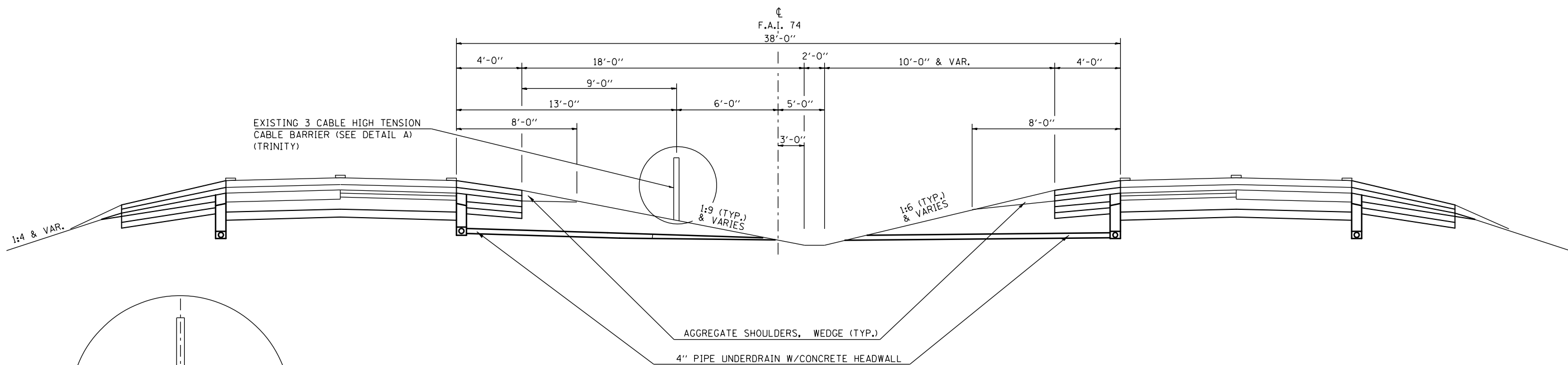
- SPECIALTY ITEM
- NON-PART (100% STATE)


McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754



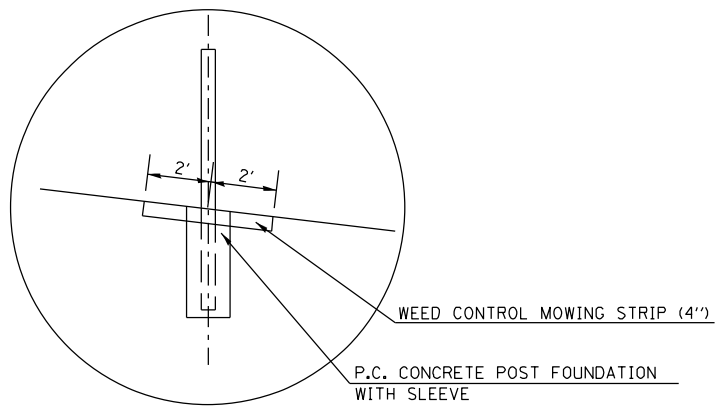
EXISTING TYPICAL CROSS SECTION
F.A.I. ROUTE 74

STA. 1160+55.00 TO STA. 1506+37.00



EXISTING TYPICAL CROSS SECTION
F.A.I. ROUTE 74

STA. 1509+30.67 TO STA. 1573+23.67



DETAIL "A"

NOTE: EXISTING SUPERELEVATION NOT SHOWN FOR ROADWAY.

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

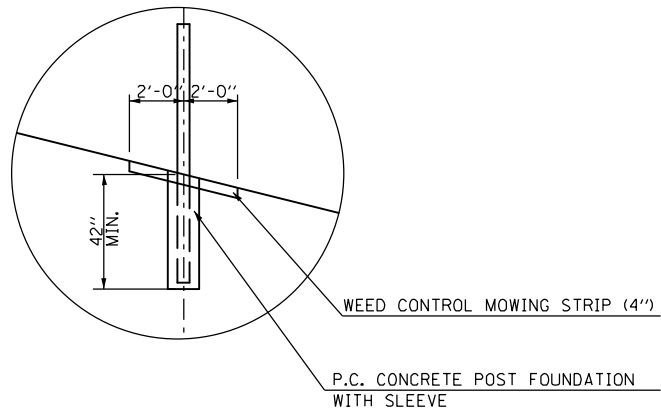
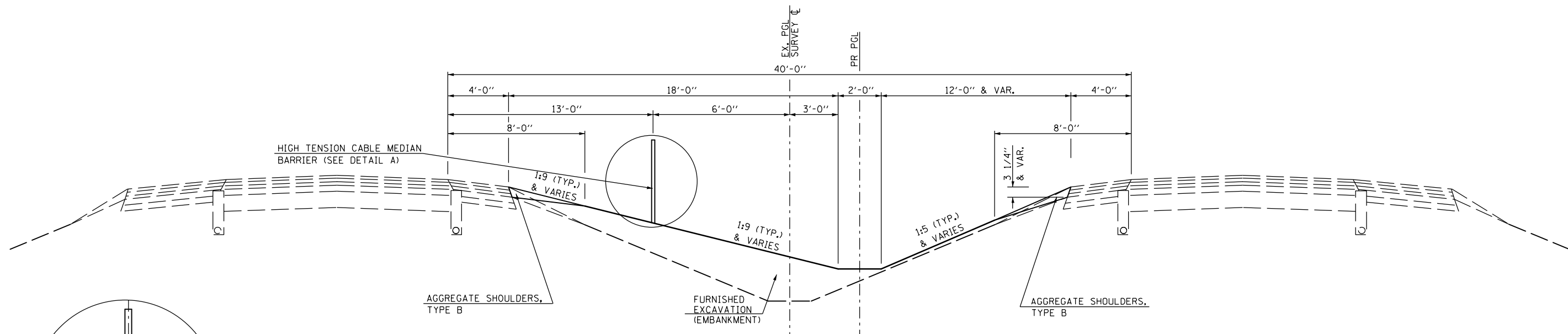
FILE NAME = D570967-xxx-xxx-TYPICAL.dgn	USER NAME = JLM	DESIGNED JAH	REVISED -
		DRAWN JLM	REVISED -
		CHECKED TMM	REVISED -
		DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	5
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

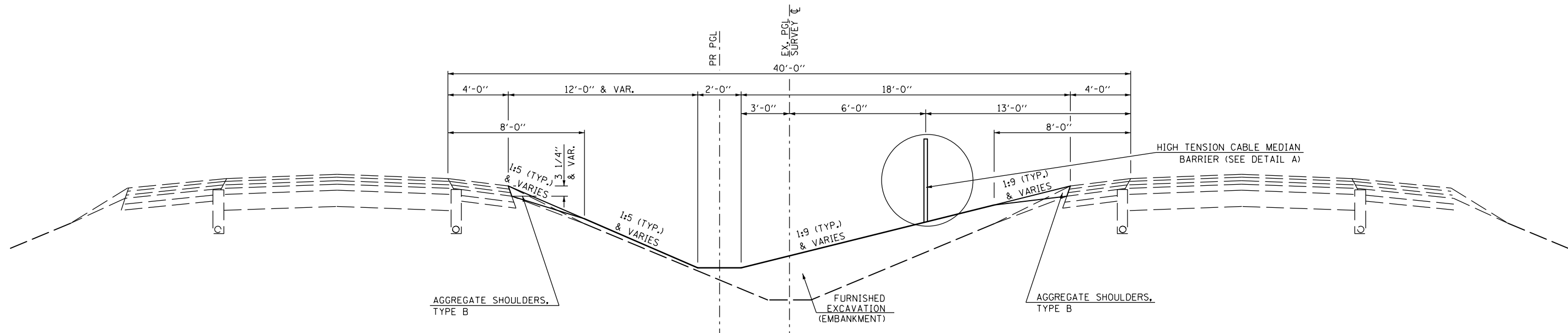


DETAIL "A" (TYPICAL)

1 PROPOSED TYPICAL CROSS SECTION
F.A.I. ROUTE 74

- ② STA. 1184+60.00 TO STA. 1240+38.00 ②
- ② STA. 1264+68.00 TO STA. 1285+00.00 ②
- ② STA. 1300+03.00 TO STA. 1319+87.00 ②
- ② STA. 1339+00.00 TO STA. 1412+77.00 ②
- ② STA. 1470+80.00 TO STA. 1506+37.00 ③

NOTE: POST AND ANCHORAGE FOR THE HIGH TENSION CABLE MEDIAN BARRIER, PER MANUFACTURERS SPECIFICATIONS.



2 PROPOSED TYPICAL CROSS SECTION
F.A.I. ROUTE 74

- ① STA. 1160+55.00 TO STA. 1183+35.00 ①
- ① STA. 1241+95.00 TO STA. 1264+52.00 ①
- ① STA. 1287+26.00 TO STA. 1299+88.00 ①
- ① STA. 1321+45.00 TO STA. 1337+85.00 ①
- ① STA. 1414+38.00 TO STA. 1469+55.00 ①

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FILE NAME =
D570967-xxx-xxx-TYPICAL.dgn

USER NAME = JLM
DESIGNED JAH
DRAWN JLM
CHECKED TMM
PLOT DATE =
DATE

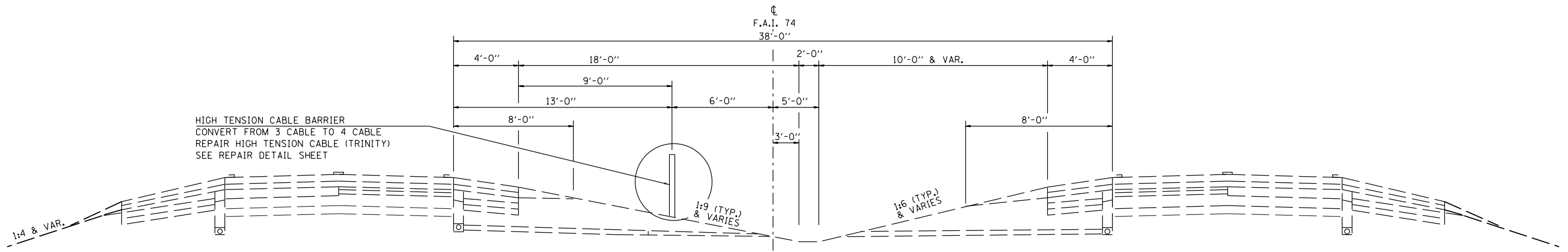
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	6
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				



3 **PROPOSED TYPICAL CROSS SECTION**
F.A.I. ROUTE 74

① STA. 1509+30.67 TO STA. 1573+23.67

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

FILE NAME = D570967-xxx-xxx-TYPICAL.dgn	USER NAME = JLM	DESIGNED JAH	REVISED - _____
		DRAWN JLM	REVISED - _____
	PLOT SCALE =	CHECKED TMM	REVISED - _____
	PLOT DATE =	DATE	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	7
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

EARTHWORK					
LOCATION		EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
STATION FROM	STATION TO				
1160+55.00	1183+35.00	179	133	1163	-1030
1184+60.00	1240+38.00	528	396	2687	-2291
1241+95.00	1264+41.00	266	201	627	-426
1264+57.00	1285+00.00	108	79	863	-784
1287+26.00	1299+88.00	98	72	591	-519
1300+03.00	1319+87.00	197	147	735	-588
1321+45.00	1337+85.00	168	128	618	-490
1339+00.00	1412+77.00	800	599	3977	-3378
1414+38.00	1469+55.00	417	313	2501	-2188
1470+80.00	1506+37.00	245	188	2085	-1897
DITCH CHECKS				126	-126
TOTAL		3006	2256	15973	-13717
EARTH EXCAVATION FURNISHED EXCAVATION		3010			13720

* AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED

TEMPORARY DITCH CHECKS		
LOCATION	STATION	FOOT
I-74	1168+00.00	22
	1191+00.00	22
	1205+50.00	22
	1220+50.00	22
	1227+50.00	22
	1233+50.00	22
	1244+50.00	22
	1248+00.00	22
	1253+00.00	22
	1258+00.00	22
	1263+50.00	22
	1272+50.00	22
	1277+00.00	22
	1281+50.00	22
	1297+00.00	22
	1304+00.00	22
	1311+00.00	22
	1328+00.00	22
	1332+50.00	22
	1335+50.00	22
	1340+50.00	22
	1341+50.00	22
	1342+50.00	22
	1343+50.00	22
	1344+75.00	22
	1345+75.00	22
	1346+75.00	22
	1347+75.00	22
	1349+00.00	22
	1350+50.00	22
	1355+00.00	22
	1356+75.00	22
	1358+25.00	22
	1359+75.00	22
	1361+25.00	22
	1363+00.00	22
	1364+50.00	22
	1366+50.00	22
	1376+50.00	22
	1381+50.00	22
1388+00.00	22	
1394+00.00	22	
1400+50.00	22	
1408+00.00	22	
1411+00.00	22	
1412+00.00	22	
1416+50.00	22	
1420+00.00	22	
1432+00.00	22	
1455+50.00	22	
1468+00.00	22	
1474+00.00	22	
1478+00.00	22	
1488+50.00	22	
1491+00.00	22	
1493+00.00	22	
1502+00.00	22	
TOTAL		1254

STATION	FLUSH INLET BOX FOR MEDIAN, STD 542546	INLET BOX, STD. 542531 TY 24 G	MANHOLES, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6' DIA., TYPE 1 FRAME, CLOSED LID	CONCRETE COLLAR	MEDIAN INLET BOX REMOVAL	INLET AND PIPE PROTECTION
1167+56.61	1				0.35	1	1
1175+03.89		1					1
1175+07.89	1				0.35	1	1
1175+11.89		1					1
1195+05.43	1						1
1195+17.93			1		1.38	1	1
1195+30.43	1						1
1209+07.61	1				0.90	1	1
1224+83.54	1				1.14	1	1
1237+90.54		1					1
1237+94.54	1				0.35	1	1
1237+98.54		1					1
1248+90.50							1
1256+94.61		1			0.35	1	1
1264+32.97	1				1.14	1	1
1274+97.03	1				0.57	1	1
1283+73.87							1
1284+94.85							1
1289+91.67		1					1
1289+95.67	1				0.35	1	1
1289+99.67		1					1
1299+97.05		1			0.35	1	1
1308+97.07			1		1.38	1	1
1309+09.57	1						1
1329+01.74							1
1337+97.28	1				0.35	1	1
1345+97.44		1			0.35	1	1
1353+41.76		1					1
1353+45.76	1				0.35	1	1
1353+49.76		1					1
1363+45.91		1			0.35	1	1
1374+51.33							1
1383+96.91		1			0.35	1	1
1398+93.69	1				0.90	1	1
1412+34.29							1
1417+46.62							1
1433+96.12		1			0.35	1	1
1439+91.70		1					1
1439+95.70	1				0.90	1	1
1439+99.70		1					1
1453+56.88	1				0.90	1	1
1459+93.23		1					1
1459+97.23	1				0.35	1	1
1460+01.23		1					1
1480+83.42	1						1
1480+95.92			1		1.38	1	1
1481+08.42	1						1
1489+97.01							1
1505+83.92	1						1
1505+96.42			1		1.38	1	1
1506+08.92	1						1
TOTAL	21	18	3	1	16.5	24	47

SEEDING, FERTILIZERS, AND MULCH									
LOCATION	STATION TO	STATION	OFFSET	SEEDING CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 2 (ACRE)	SEEDING, CLASS 7 (ACRE)
I-74	1160+55.00	1183+35.00	LT & RT	1.06	95.4	95.4	95.4	1.06	1.06
	1184+60.00	1240+38.00	LT & RT	2.59	233.1	233.1	233.1	2.59	2.59
	1241+95.00	1264+41.00	LT & RT	1.04	93.6	93.6	93.6	1.04	1.04
	1264+57.00	1285+00.00	LT & RT	0.95	85.5	85.5	85.5	0.95	0.95
	1287+26.00	1299+88.00	LT & RT	0.59	53.1	53.1	53.1	0.59	0.59
	1300+03.00	1319+87.00	LT & RT	0.92	82.8	82.8	82.8	0.92	0.92
	1321+45.00	1337+85.00	LT & RT	0.76	68.4	68.4	68.4	0.76	0.76
	1339+00.00	1412+77.00	LT & RT	3.43	308.7	308.7	308.7	3.43	3.43
	1414+38.00	1469+55.00	LT & RT	2.56	230.4	230.4	230.4	2.56	2.56
	1470+80.00	1506+37.00	LT & RT	1.65	148.5	148.5	148.5	1.65	1.65
TOTAL				15.55	1399.5	1399.5	1399.5	15.55	15.55
ROUNDED TOTAL				15.75	1417.5	1417.5	1417.5	15.75	15.75

AGGREGATE SHOULDERS, TYPE B			
LOCATION	STATION TO	STATION	TON
I-74	1160+55.00	1183+35.00	375.07
	1184+60.00	1240+38.00	917.60
	1241+95.00	1264+41.00	369.48
	1264+57.00	1285+00.00	336.08
	1287+26.00	1299+88.00	207.60
	1300+03.00	1319+87.00	326.38
	1321+45.00	1337+85.00	269.79
	1339+00.00	1412+77.00	1213.55
	1414+38.00	1469+55.00	907.57
	1470+80.00	1506+37.00	585.14
TOTAL			5508.26
ROUNDED TOTAL			5509

PAVED DITCH, TYPE B-15			
LOCATION	STATION TO	STATION	TON
I-74	1351+73.24	1353+23.24	150
TOTAL			150

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

LOCATION	STATION	OFFSET	CONCRETE HEADWALL REMOVAL EACH	(*) STONE RIPRAP CLASS A1 TON	CONCRETE HEADWALL FOR PIPE DRAINS EACH	PIPE UNDERDRAIN 4' (SPECIAL) FOOT	UNDERDRAIN CONNECTION TO STRUCTURE EACH	EROSION CONTROL BLANKET SQ YD
1	1165+99.57	LT	1	3.0	1	3		
2	1166+06.69	RT	1	3.0	1	11		
3	1170+90.42	LT	1	3.0	1	3		
4	1171+10.87	RT	1	3.0	1	11		
5	1174+93.49	RT	1			9	1	
6	1174+94.97	RT	1			9	1	
7	1175+01.84	LT	1			1	1	
8	1175+03.04	LT	1			1	1	
8A	1175+35.14	LT	1			4	1	
9	1178+99.15	RT	1	2.5	1	10		
10	1179+00.31	LT	1	2.5	1			
11	1182+03.10	LT	1	2.5	1	3		
12	1182+07.57	RT	1	2.5	1	10		
13	1189+00.25	LT	1	2.5	1	9		
14	1189+09.47	RT	1	2.5	1	3		
15	1198+09.22	RT	1	3.0	1	2		
16	1198+10.00	LT	1	3.0	1	10		
17	1198+10.73	RT	1	3.0	1	2		
18	1198+11.49	LT	1	3.0	1	10		
19	1205+91.83	LT	1	3.0	1	10		
20	1205+99.28	RT	1	3.0	1	2		
21	1209+33.76	RT	1			24	1	
22	1209+36.86	LT	1			29	1	
23	1215+97.99	RT	1		1	2		4.0
24	1216+25.86	LT	1	2.5	1	10		
25	1219+09.66	LT	1	2.5	1	12		
26	1219+10.17	RT	1	3.0	1	3		
27	1221+96.99	LT	1	3.0	1	12		
28	1221+99.82	RT	1	3.0	1	3		
29	1224+78.14	RT	1			28	1	
30	1228+19.46	RT	1		1	3		4.0
31	1230+95.38	RT	1		1	2		4.0
32	1233+83.49	RT	1	2.5	1	1		
33	1234+93.34	LT	1	2.5	1	10		
34	1237+67.42	RT	1			5	1	
35	1239+94.78	LT	1	2.5	1	9		
36	1244+95.77	LT	1	2.5	1	1		
37	1250+97.89	LT	1	2.5	1	2		
38	1253+98.73	LT	1		1	5		4.0
39	1253+98.82	RT	1	2.5	1	11		
40	1256+76.35	LT	1			1	1	
41	1264+07.33	LT	1			35	1	
42	1264+15.09	RT	1			28	1	
43	1269+84.51	LT	1	2.5	1	13		
44	1274+77.75	LT	1			20	1	
45	1279+80.37	LT	1	3.0	1	10		
46	1279+94.82	RT	1	3.0	1	4		
47	1289+89.63	RT	1			10	1	
48	1289+91.33	RT	1			10	1	
49	1294+94.77	LT	1	2.5	1	3		
50	1294+96.17	RT	1	3.0	1	12		
51	1299+91.60	LT	1			10	1	
52	1300+18.23	RT	1			3	1	
53	1304+95.48	RT	1	2.5	1	5		
54	1304+95.65	LT	1	2.5	1	11		
55	1309+96.97	RT	1	2.5	1	4		
56	1309+97.39	LT	1	3.0	1	10		
57	1314+93.97	LT	1	2.5	1	10		
58	1314+95.04	RT	1	2.5	1	4		
59	1319+45.15	LT	1		1	10		4.0
60	1319+45.20	RT	1		1	4		4.0
61	1324+93.15	LT	1		1	2		4.0
62	1324+95.98	RT	1		1	13		4.0
63	1327+98.52	RT	1		1	12		4.0
64	1328+78.80	LT	1			2		4.0
65	1332+96.98	LT	1	3.0	1	2		
66	1332+98.08	RT	1	3.0	1	13		
67	1336+04.08	RT	1	2.5	1	12		
68	1339+58.48	LT	1	3.0	1	12		
69	1342+35.99	RT	1		1	3		4.0
70	1344+10.35	LT	1	2.5	1	10		
71	1345+78.72	RT	1			3	1	
72	1347+95.22	LT	1	3.0	1	10		
73	1352+92.71	LT	1			40	1	
74	1352+93.82	RT	1			3		
75	1352+94.37	LT	1			10		
76	1352+95.62	RT	1			3		
77	1357+91.09	RT	1	3.0	1	3		
78	1357+91.37	LT	1	3.0	1	10		
79	1360+88.25	RT	1	2.5	1	2		
80	1360+95.08	LT	1		1	10		4.0
81	1363+97.99	RT	1	3.0	1	2		
82	1363+98.20	LT	1	3.0	1	10		
83	1368+93.36	LT	1	3.0	1	9		
84	1368+93.86	RT	1	3.0	1	1		

(*) THIS PAY ITEM APPLIED TO LOCATIONS WHERE PIPE UNDERDRAINS OUTLET BELOW DITCH GRADES.

LOCATION	STATION	OFFSET	CONCRETE HEADWALL REMOVAL EACH	(*) STONE RIPRAP CLASS A1 TON	CONCRETE HEADWALL FOR PIPE DRAINS EACH	PIPE UNDERDRAIN 4' (SPECIAL) FOOT	UNDERDRAIN CONNECTION TO STRUCTURE EACH	EROSION CONTROL BLANKET SQ YD	
85	1371+81.17	RT	1	2.5	1	2			
86	1371+82.09	LT	1	2.5	1	9			
87	1374+68.71	RT	1			5		4.0	
88	1374+72.79	LT	1			8		4.0	
89	1378+01.25	RT	1	3.0	1	1			
90	1380+00.00	LT	1	2.5	1	9			
91	1380+00.56	RT	1	3.0	1	2			
92	1384+17.32	RT	1			1	1		
93	1384+95.20	LT	1	3.0	1	11			
94	1387+80.20	LT	1	3.0	1	9			
95	1388+98.59	RT	1	3.0	1	2			
96	1391+09.78	LT	1	2.5	1	10			
97	1394+35.30	LT	1	3.0	1	10			
98	1394+97.95	RT	1	3.0	1	3			
99	1397+00.00	LT	1	3.0	1	13			
100	1398+34.47	RT	1	3.0	1	4			
101	1399+09.85	LT	1			18	1		
102	1399+32.38	RT	1	3.0	1	4			
103	1400+31.17	LT	1	3.0	1	13			
104	1401+20.35	RT	1	2.5	1	4			
105	1408+95.88	LT	1	2.5	1	12			
106	1408+96.32	RT	1	2.5	1	3			
107	1411+99.39	RT	1	3.0	1	7			
108	1414+97.18	RT	1	3.0	1	10			
109	1417+18.60	LT	1			6		4.0	
110	1417+43.66	RT	1			9		4.0	
111	1417+45.20	RT	1			9		4.0	
112	1417+71.66	LT	1			6		4.0	
113	1421+92.75	LT	1	2.5	1	5			
114	1421+95.89	RT	1	2.5	1	11			
115	1431+96.86	RT	1	2.5	1	10			
116	1433+62.65	LT	1			13	1		
117	1436+99.28	RT	1	3.0	1	10			
118	1437+01.06	RT	1	3.0	1	10			
119	1437+10.71	LT	1	3.0	1	3			
120	1437+12.41	LT	1	3.0	1	3			
121	1440+14.55	LT	1			3	1		
122	1441+90.10	LT	1	2.5	1	4			
123	1441+96.02	RT	1	2.5	1	9			
124	1450+15.26	LT	1	2.5	1	4			
125	1450+15.50	RT	1	2.5	1	9			
126	1453+39.83	RT	1			9		4.0	
127	1453+40.33	LT	1	2.5	1	4			
128	1456+64.58	RT	1	3.0	1	9			
129	1456+65.18	LT	1	2.5	1	4			
130	1459+71.87	LT	1			3			
131	1460+01.63	RT	1			9	1		
132	1460+03.03	RT	1			9	1		
133	1460+24.19	LT	1			5	1		
134	1463+87.02	LT	1	3.0	1	3			
135	1464+01.11	RT	1	3.0	1	10			
136	1466+96.45	RT	1	2.5	1	11			
137	1466+96.87	LT	1	3.0	1	1			
138	1474+87.21	LT	1	3.0	1	10			
139	1474+99.08	RT	1	3.0	1	2			
140	1477+83.41	RT	1	3.0	1	2			
141	1480+60.49	LT	1			20	1		
142	1480+71.85	RT	1			7	1		
143	1481+19.73	RT	1			7	1		
144	1481+27.08	LT	1			18	1		
145	1484+07.20	RT	1	3.0	1	3			
146	1486+03.17	LT	1	3.0	1	12			
147	1486+99.15	RT	1	3.0	1	3			
148	1490+21.61	LT	1			10		4.0	
149	1491+99.13	RT	1	3.0	1	2			
150	1494+92.89	RT	1	3.0	1	3			
151	1494+93.39	LT	1	3.0	1	12			
152	1502+21.59	RT	1	2.5	1	3			
153	1502+23.42	LT	1	2.5	1	12			
154	1504+96.68	RT	1	3.0	1	3			
155	1504+98.91	LT	1	3.0	1	11			
Totals			TOTAL	156	285	119	1220	31	80

(*) THIS PAY ITEM APPLIED TO LOCATIONS WHERE PIPE UNDERDRAINS OUTLET BELOW DITCH GRADES.

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FILE NAME = D570967-xxx-SCHEDULE.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	9
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 24" RISER		
LOCATION	STATION	FOOT
I-74	1224+94.54	1
	1264+43.98	1
TOTAL		2

STORM SEWERS, CLASS A, TYPE 1, 18"		
LOCATION	STATION	FOOT
I-74	1167+56.61	2
	1175+07.89	2
	1237+94.54	3
	1256+94.61	4
	1289+95.67	2
	1299+97.05	3
	1308+97.07	8
	1337+97.28	4
	1345+97.44	4
	1353+45.76	3
	1363+45.91	4
	1383+96.91	3
	1433+96.12	4
	1459+97.23	4
	1480+95.92	16
	1505+96.42	16
TOTAL		82

STORM SEWERS, CLASS A, TYPE 1, 24"		
LOCATION	STATION	FOOT
I-74	1175+07.89	4
	1195+17.93	16
	1209+07.61	5
	1224+94.54	8
	1237+94.54	4
	1264+43.97	8
	1274+97.03	8
	1289+95.67	4
	1353+45.76	4
	1398+93.69	6
	1439+95.70	10
	1453+56.88	4
	1459+97.23	4
TOTAL		85

STORM SEWERS, CLASS A, TYPE 1, 30"		
LOCATION	STATION	FOOT
I-74	1224+94.54	4
	1264+43.97	4
	1274+97.03	6
TOTAL		14

STORM SEWERS, CLASS A, TYPE 1, 36"		
LOCATION	STATION	FOOT
I-74	1195+17.93	6
	1308+97.07	6
	1480+95.92	6
	1505+96.42	7
TOTAL		25

STORM SEWERS REMOVAL, 18"		
LOCATION	STATION	FOOT
I-74	1167+56.61	1
	1175+07.89	1
	1237+94.54	2
	1256+94.61	1
	1289+95.67	2
	1299+97.05	1
	1337+97.28	1
	1345+97.44	1
	1353+45.76	2
	1363+45.91	1
	1383+96.91	1
	1433+96.12	1
1459+97.23	1	
TOTAL		16

STORM SEWERS REMOVAL, 24"		
LOCATION	STATION	FOOT
I-74	1209+07.61	6
	1398+93.69	8
	1439+95.70	7
	1453+56.88	8
	1489+97.01	1
TOTAL		30

STORM SEWERS REMOVAL, 30"		
LOCATION	STATION	FOOT
I-74	1224+94.54	6
	1264+43.97	6
	1274+97.03	1
TOTAL		13

STORM SEWERS REMOVAL, 36"		
LOCATION	STATION	FOOT
I-74	1195+17.93	9
	1308+97.07	9
	1480+95.92	9
	1505+96.42	9
TOTAL		36

GUARD POST REMOVAL		
LOCATION	STATION	GUARD POST REMOVAL X6340205 EACH
I-74	1240+38.84	4
	1241+94.43	4
	1319+88.04	4
	1321+43.56	4
	1413+77.00	4
	1414+37.60	4
	1506+37.61	4
TOTAL		28

SURVEY MARKER, TYPE 1 (SPECIAL)			
LOCATION	DESCRIPTION	STATION	EACH
I-74	PT #1009	1132+17.27	1
	POT	1224+77.59(BK)	1
	STA. EQ. #540	1224+63.88(AH)	1
	PC #1010	1353+43.86	1
	PI #616	1360+28.71	1
	PT #1011	1367+13.39	1
	PC #1012	1556+27.08	1
	PI #617	1562+45.08	1
	PT #1013	1568+62.77	1
	TOTAL	PER IDOT DISCRETION	

WEED CONTROL MOWING STRIP (SPECIAL)					
LOCATION	STATION TO	STATION	OFFSET	SQ YD	
I-74	1160+55.00	1183+35.00	RT	1013.33	
	1184+60.00	1240+38.00	LT	2479.11	
	1241+95.00	1264+41.00	RT	998.22	
	1264+57.00	1285+00.00	LT	908.00	
	1287+26.00	1299+88.00	RT	560.89	
	1300+03.00	1319+87.00	LT	881.78	
	1321+45.00	1337+85.00	RT	728.89	
	1339+00.00	1412+77.00	LT	3278.67	
	1414+38.00	1469+55.00	RT	2452.00	
	1470+80.00	1506+37.00	LT	1580.89	
	TOTAL				14881.78
	ROUNDED TOTAL				14882

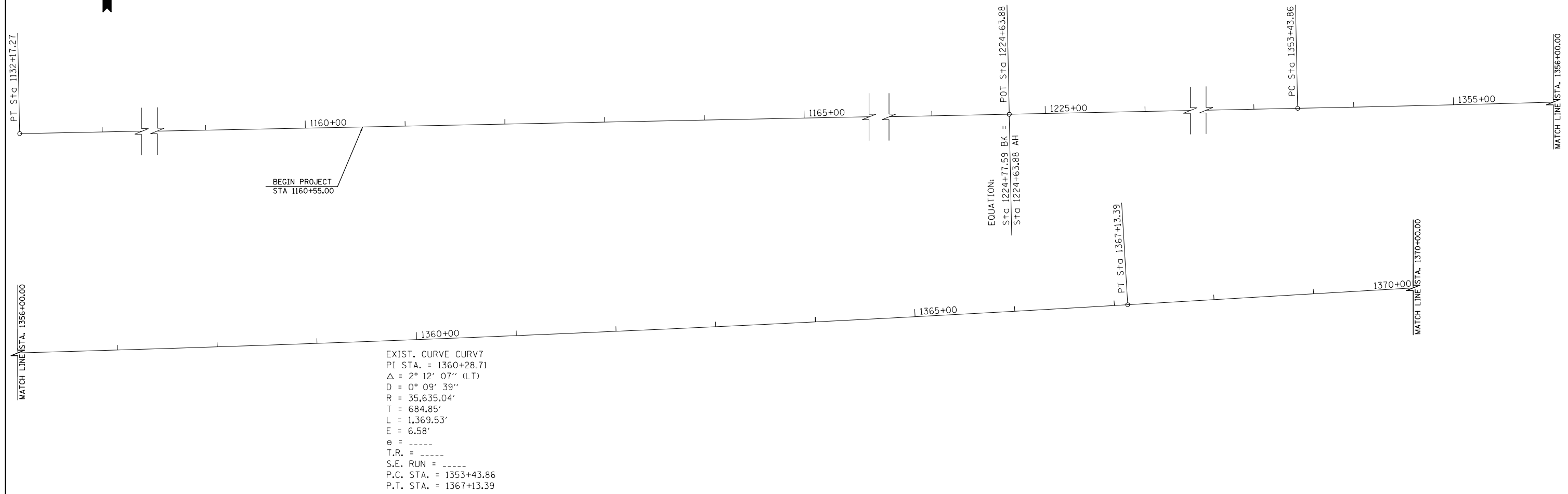
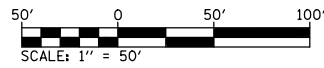
REPAIR HIGH TENSION CABLE (TRINITY)				
LOCATION	STATION TO	STATION	OFFSET	FOOT
I-74	1509+80.67	1572+73.67	LT	6293.00
TOTAL				6293.00

REPAIR HIGH TENSION CABLE SYSTEM END SECTION (TRINITY)				
LOCATION	STATION TO	STATION	OFFSET	EACH
I-74	1509+30.67	1509+80.67	LT	1
	1572+73.67	1573+23.67	LT	1
TOTAL				2

HIGH TENSION CABLE MEDIAN BARRIER					
LOCATION	STATION TO	STATION	OFFSET	FOOT	
I-74	1161+05.00	1182+85.00	RT	2180.00	
	1185+10.00	1239+88.00	LT	5478.00	
	1242+45.00	1263+91.00	RT	2146.00	
	1265+07.00	1284+50.00	LT	1943.00	
	1287+76.00	1299+38.00	RT	1162.00	
	1300+53.00	1319+37.00	LT	1884.00	
	1321+95.00	1337+35.00	RT	1540.00	
	1339+50.00	1412+27.00	LT	7277.00	
	1414+88.00	1469+05.00	RT	5417.00	
	1471+30.00	1505+87.00	LT	3457.00	
	TOTAL				32484.00

HIGH TENSION CABLE MEDIAN BARRIER TERMINALS				
LOCATION	STATION TO	STATION	OFFSET	EACH
I-74	1160+55.00	1161+05.00	RT	1
	1182+85.00	1183+35.00	RT	1
	1184+60.00	1185+10.00	LT	1
	1239+88.00	1240+38.00	LT	1
	1241+95.00	1242+45.00	RT	1
	1263+91.00	1264+41.00	RT	1
	1264+57.00	1265+07.00	LT	1
	1284+50.00	1285+00.00	LT	1
	1287+26.00	1287+76.00	RT	1
	1299+38.00	1299+88.00	RT	1
	1300+03.00	1300+53.00	LT	1
	1319+37.00	1319+87.00	LT	1
	1321+45.00	1321+95.00	RT	1
	1337+35.00	1337+85.00	RT	1
	1339+00.00	1339+50.00	LT	1
	1412+27.00	1412+77.00	LT	1
	1414+38.00	1414+88.00	RT	1
	1469+05.00	1469+55.00	RT	1
	1470+80.00	1471+30.00	LT	1
	1505+87.00	1506+37.00	LT	1
TOTAL				20


McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754



DESCRIPTION	STATION	NORTHING	EASTING
PT #1009	1132+17.27	1,259,253.0664	1,101,976.6492
STA. EQ. #540	1224+77.59(BK) 1224+63.88(AH)	1,259,440.4663	1,111,235.0758
PC #1010	1353+43.86	1,259,707.6970	1,124,112.2877
PI #616	1360+28.71	1,259,721.8282	1,124,796.9892
PT #1011	1367+13.39	1,259,762.2569	1,125,480.6421
PC #1012	1556+27.08	1,260,878.7380	1,144,361.3480
PI #617	1562+45.08	1,260,915.2180	1,144,978.2710
PT #1013	1568+62.77	1,260,917.7970	1,145,596.2662

BENCHMARKS

BM 4906-1
 1.72' LT STA. 1606+98.16 EL. 639.69'
 TO REACH FROM THE INTERSECTION OF I-74 AND
 THE OVERHEAD AT OAKWOOD GO EAST ON I-74 FOR
 1.85 MILES TO THE MARK ON THE LEFT. SAID MARK
 IS A CHISELED SQUARE SET ON THE TOP CENTER
 OF THE NORTH HEADWALL OF A DROP BOX IN THE
 MEDIAN. SOUTH OF REST AREA.

NOTE:
 ADDITIONAL TEMPORARY BENCHMARKS REQUIRED BY THE
 RESIDENT ENGINEER WILL BE SET BY DISTRICT 5 SURVEY
 PERSONNEL PRIOR TO CONSTRUCTION. PLEASE CONTACT
 BETH SABLONNY AT 217-465-7282.

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

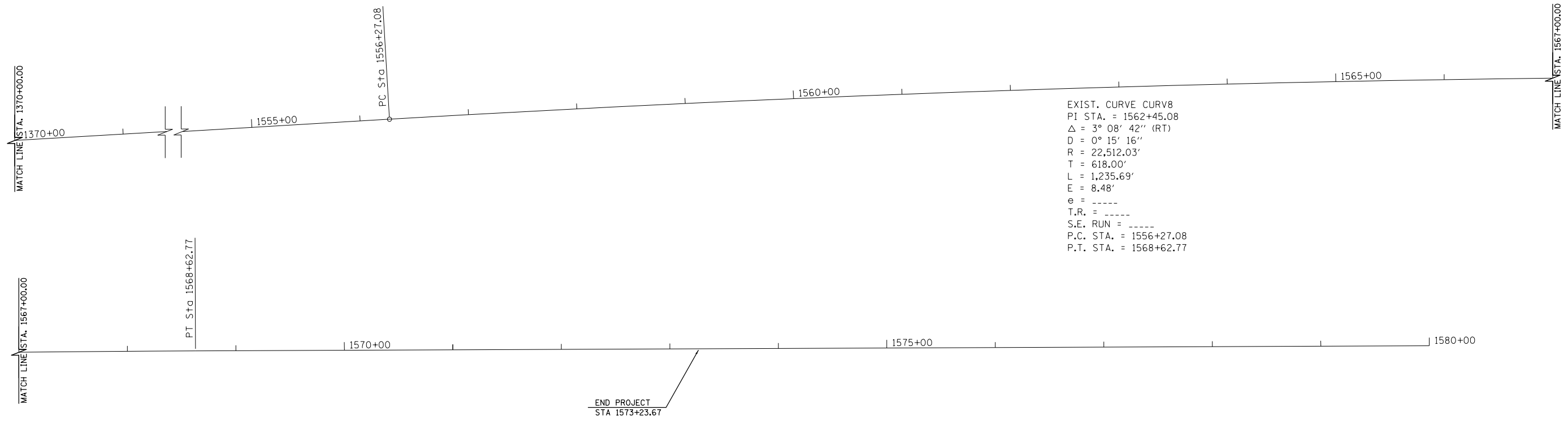
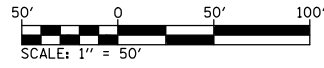
FILE NAME = D570967-xxx-ALIGNMENT & BM	USER NAME = MRM	DESIGNED - ---	REVISED - -
		DRAWN - MRM	REVISED - -
	PLOT SCALE = 50	CHECKED - TMM	REVISED - -
	PLOT DATE = 4/4/2012	DATE - _____	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT AND BENCH MARKS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. 1132+17.07 TO STA. 1370+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	11
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



EXIST. CURVE CURV8
 PI STA. = 1562+45.08
 $\Delta = 3^\circ 08' 42''$ (RT)
 D = $0^\circ 15' 16''$
 R = 22,512.03'
 T = 618.00'
 L = 1,235.69'
 E = 8.48'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1556+27.08
 P.T. STA. = 1568+62.77


McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

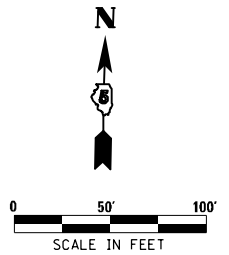
FILE NAME = D570967-xxx-ALIGNMENT & BM	USER NAME = MRM	DESIGNED - ---	REVISED - -
	PLOT SCALE = 50	DRAWN - MRM	REVISED - -
	PLOT DATE = 4/4/2012	CHECKED - TMM	REVISED - -
		DATE - _____	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

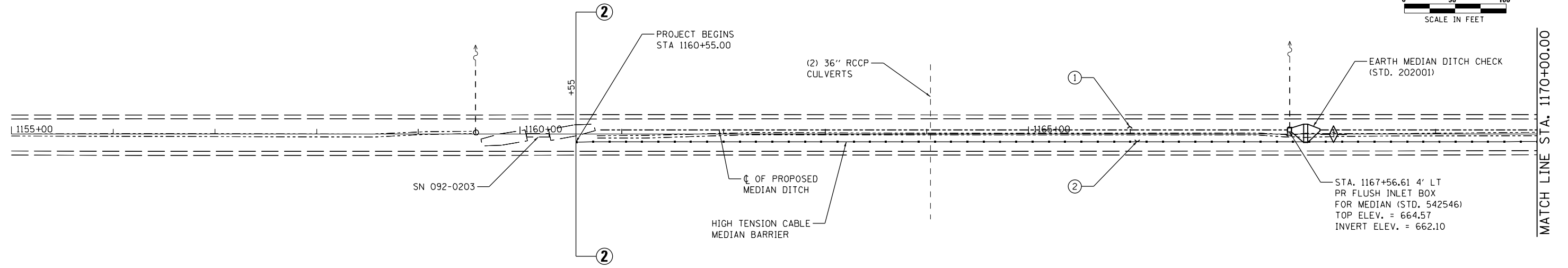
ALIGNMENT AND BENCH MARKS
 SCALE: _____ SHEET NO. 2 OF 2 SHEETS STA. 1370+00 TO STA. 1580+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	12
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

STA. 1167+56.61
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE LT (RCCP)
 USFL 6' LT. = 661.98
 DSFL 66' LT. = 661.17



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

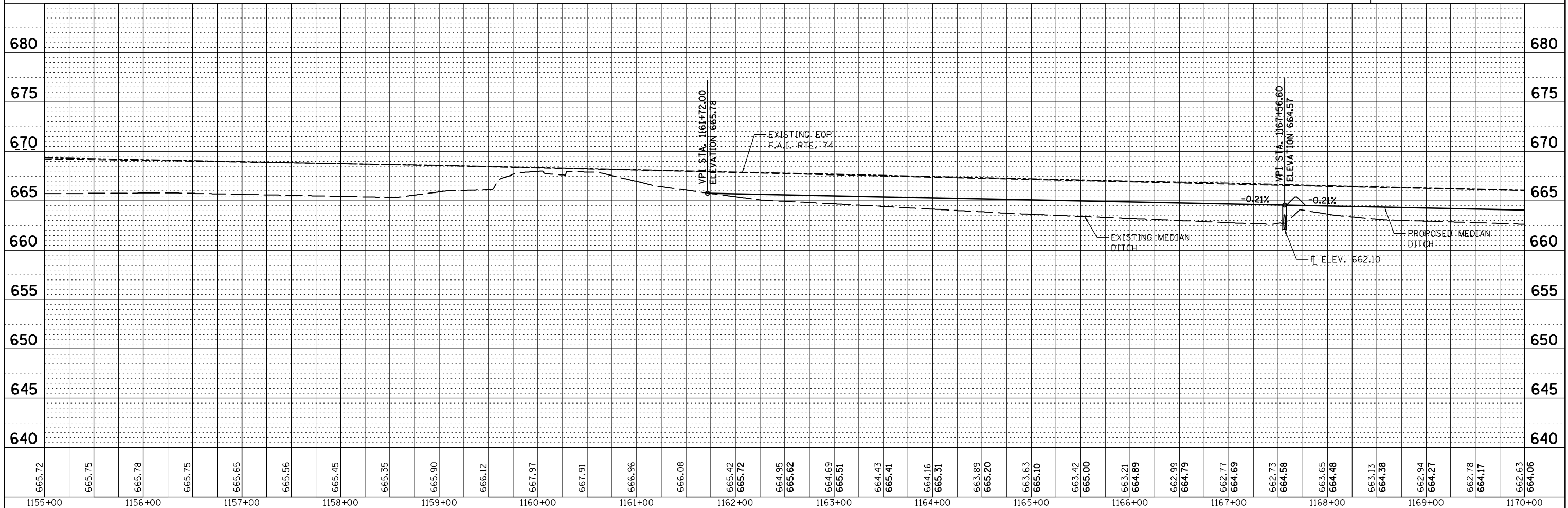


⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
 SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
 STATION 1167+56.61 - 1 EACH
 (SEE SCHEDULE)

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.7233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

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



665.72	665.75	665.78	665.75	665.65	665.56	665.45	665.35	665.90	666.12	667.97	667.91	666.96	666.08	665.42	665.72	664.95	665.62	664.69	665.51	664.43	665.41	664.16	665.31	663.89	665.20	663.63	665.10	663.42	665.00	663.21	664.89	662.99	664.79	662.77	664.69	662.73	664.58	663.65	664.48	663.13	664.38	662.94	664.27	662.78	664.17	662.63	664.06
1155+00	1156+00	1157+00	1158+00	1159+00	1160+00	1161+00	1162+00	1163+00	1164+00	1165+00	1166+00	1167+00	1168+00	1169+00	1170+00																																

FILE NAME =	USER NAME = RNH
D570967-XXX-PLNPRF1.dgn	
PLOT SCALE = 50	DESIGNED - JAH
	DRAWN - RNH
	CHECKED - TMM
	DATE -

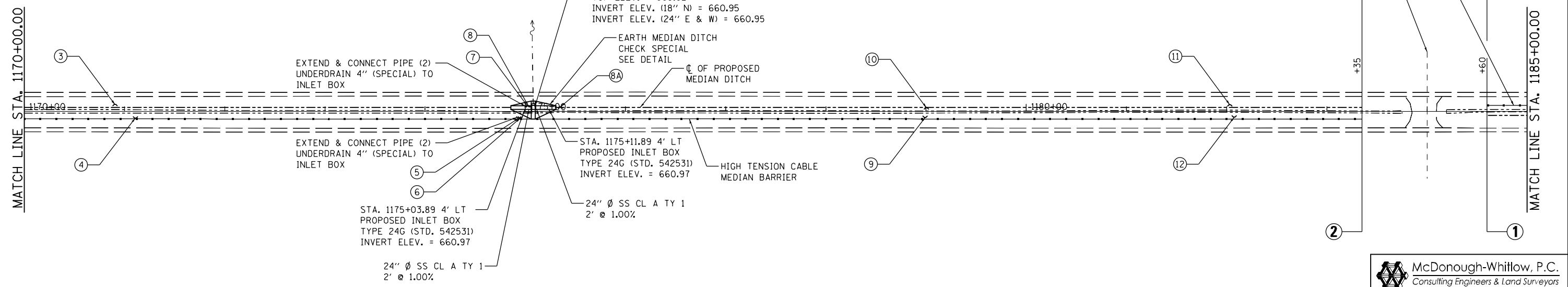
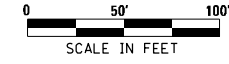
DESIGNED - JAH	REVISED -
DRAWN - RNH	REVISED -
CHECKED - TMM	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74

SCALE: 1"=50' SHEET NO. 1 OF 28 SHEETS STA. 1155+00.00 TO STA. 1170+00.00

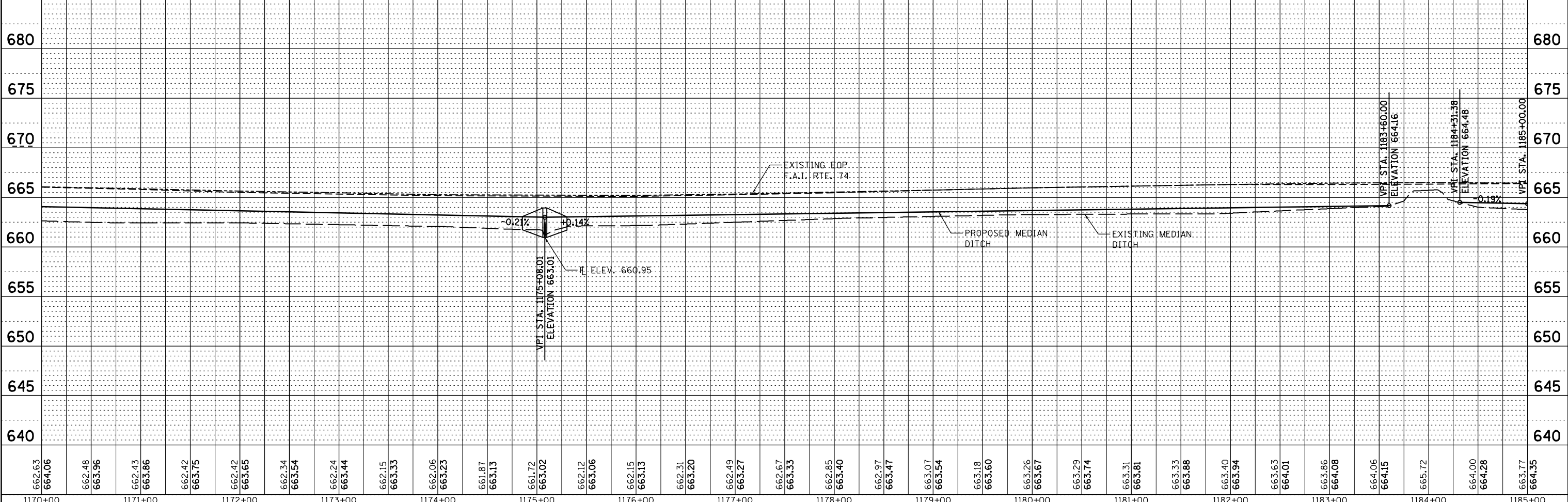
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	13
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL) SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
STATION 1175+07.89 - 1 EACH
(SEE SCHEDULE)

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754



662.63	664.06	662.48	663.96	662.43	663.86	662.42	663.75	662.42	663.65	662.34	663.54	662.24	663.44	662.15	663.33	662.06	663.23	661.87	663.13	661.72	663.02	662.12	663.06	662.15	663.13	662.31	663.20	662.49	663.27	662.67	663.33	662.85	663.40	662.97	663.47	663.07	663.54	663.18	663.60	663.26	663.67	663.29	663.74	663.31	663.81	663.33	663.88	663.40	663.94	663.63	664.01	663.86	664.08	664.06	664.15	665.72	664.00	664.28	663.77	664.35
1170+00	1171+00	1172+00	1173+00	1174+00	1175+00	1176+00	1177+00	1178+00	1179+00	1180+00	1181+00	1182+00	1183+00	1184+00	1185+00																																													

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

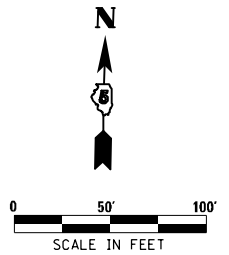
DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

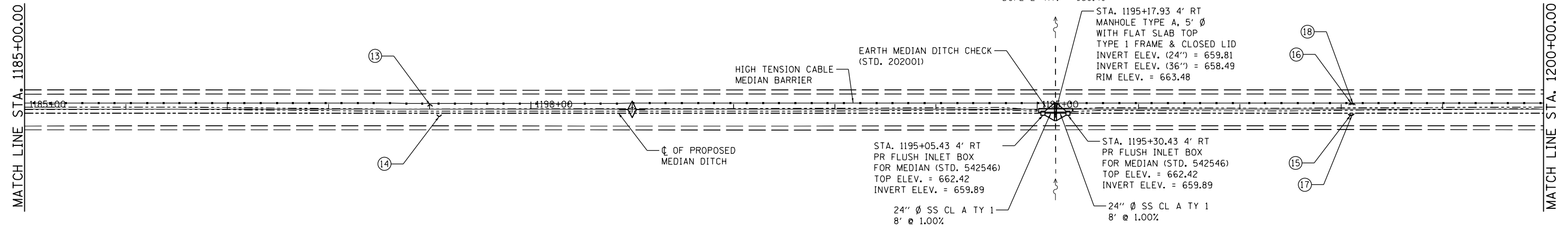
PLAN & PROFILE
F.A.I. 74

SCALE: 1"=50' SHEET NO. 2 OF 28 SHEETS STA. 1170+00.00 TO STA. 1185+00.00

F.A.I. RTE. 74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MEDIAN CABLE 2012-2	VERMILION	120	14
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	ALIGNED	
	CHECKED	
	FILE NAME	

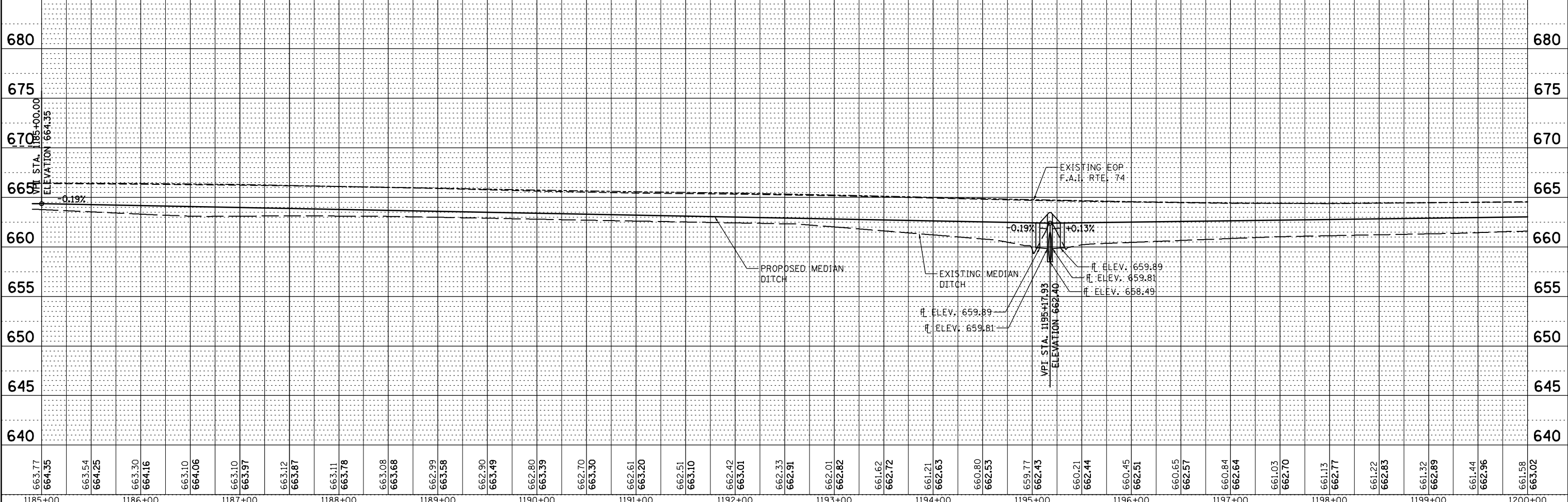


⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

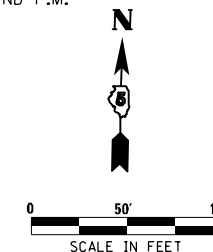
MEDIAN INLET BOX REMOVAL
STATION 1195+17.93 - 1 EACH
(SEE SCHEDULE)

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.7233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

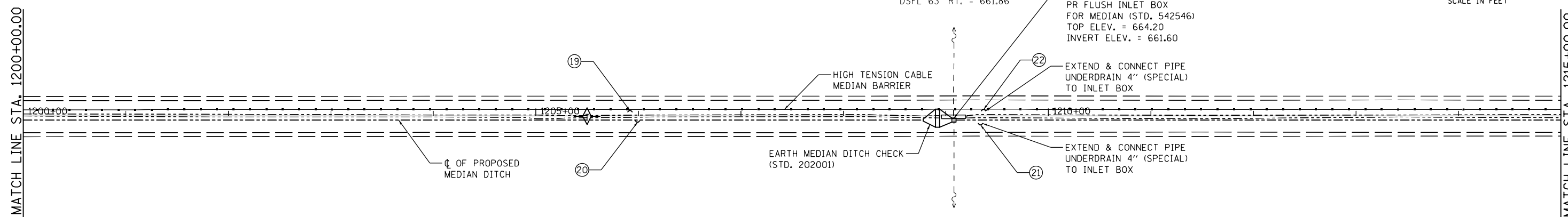
PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	



FILE NAME = D570967-XXX-PLNPRF3.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74	F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50	CHECKED - TMM	REVISED -	74			MEDIAN CABLE 2012-2	VERMILION	120	15
PLOT DATE =	DATE -	REVISED -	CONTRACT NO. 70967						
						ILLINOIS FED. AID PROJECT			



PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	CHECKED	
	FILE NAME	

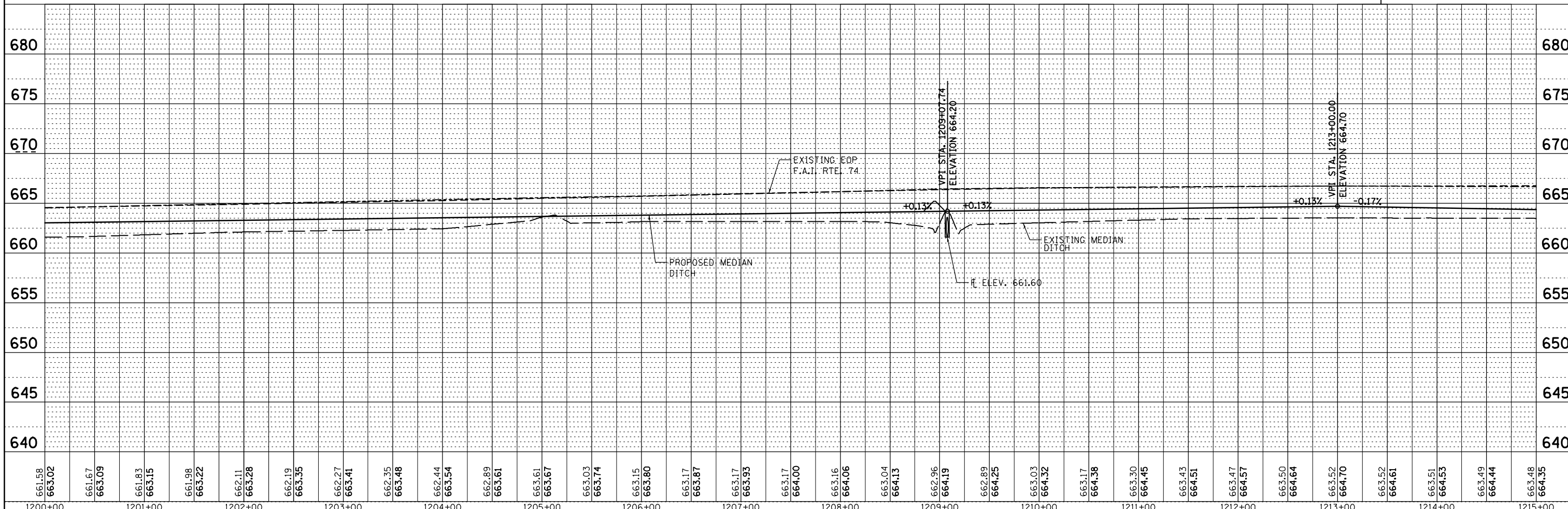


MEDIAN INLET BOX REMOVAL
STATION 1209+07.61 - 1 EACH
(SEE SCHEDULE)

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	CHECKED	
	NOTATIONS	



661.58	663.02	661.67	663.09	661.83	663.15	661.98	663.22	662.11	663.28	662.19	663.35	662.27	663.41	662.35	663.48	662.44	663.54	662.89	663.61	663.61	663.67	663.03	663.74	663.15	663.80	663.17	663.87	663.17	663.93	663.17	664.00	663.16	664.06	663.04	664.13	662.96	664.19	662.89	664.25	663.03	664.32	663.17	664.38	663.30	664.45	663.43	664.51	663.47	664.57	663.50	664.64	663.52	664.70	663.52	664.61	663.51	664.53	663.49	664.44	663.48	664.35
1200+00	1201+00	1202+00	1203+00	1204+00	1205+00	1206+00	1207+00	1208+00	1209+00	1210+00	1211+00	1212+00	1213+00	1214+00	1215+00																																														

FILE NAME = D570967-XXX-PLNPRF4.dgn
USER NAME = RNH
PLOT SCALE = 50
PLOT DATE =

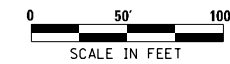
DESIGNED - JAH
DRAWN - RNH
CHECKED - TMM
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

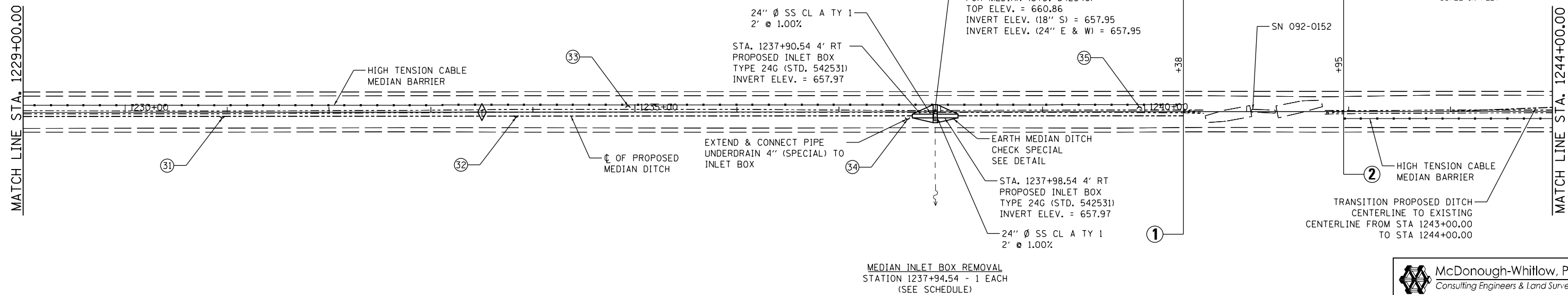
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74
SCALE: 1"=50' SHEET NO. 4 OF 28 SHEETS STA. 1200+00.00 TO STA. 1215+00.00

SECTION: MEDIAN CABLE 2012-2
COUNTY: VERMILION
TOTAL SHEETS: 120
SHEET NO.: 16
CONTRACT NO. 70967
ILLINOIS FED. AID PROJECT



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

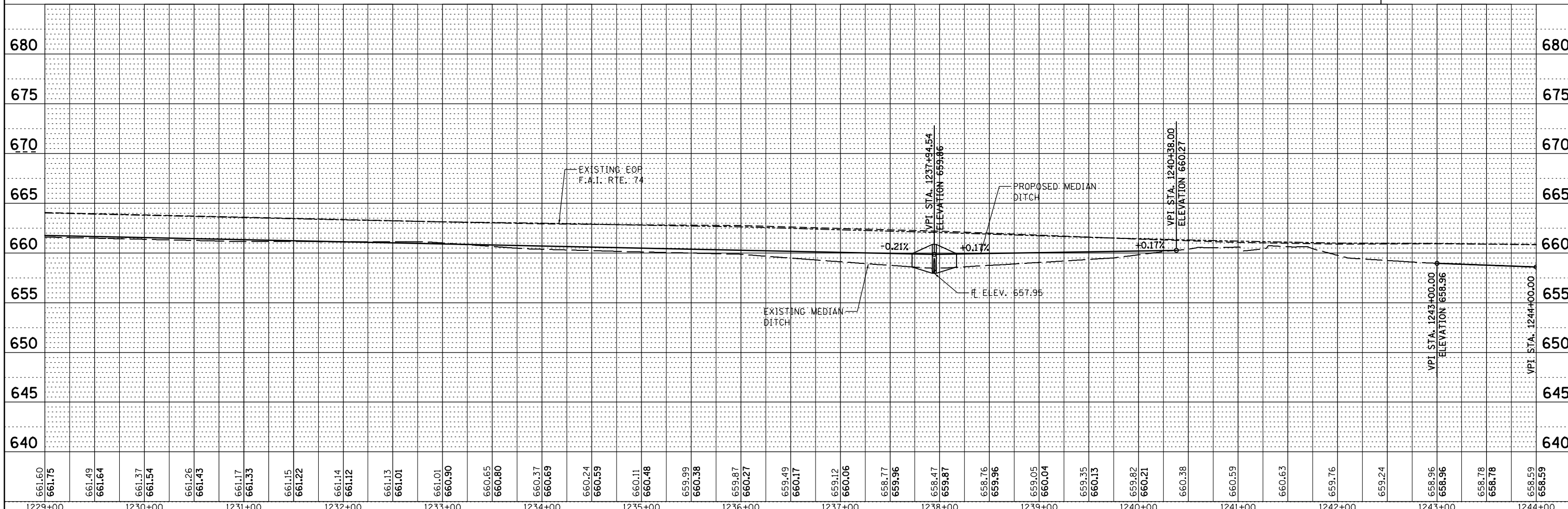


⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
STATION 1237+94.54 - 1 EACH
(SEE SCHEDULE)

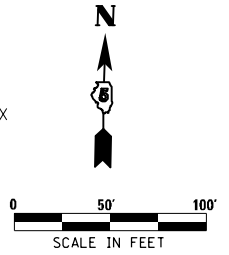
McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

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

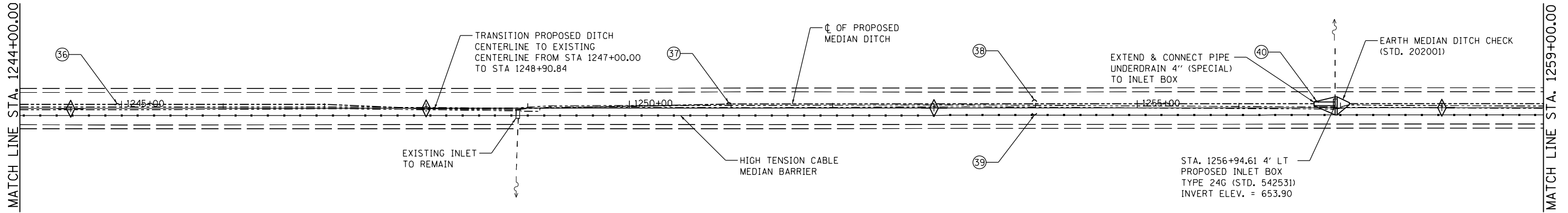


FILE NAME = D570967-XXX-PLNPRF6.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74	F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 18	
PLOT SCALE = 50	CHECKED - TMM	REVISED -	SCALE: 1"=50'			SHEET NO. 6 OF 28 SHEETS	STA. 1229+00.00 TO STA. 1244+00.00	CONTRACT NO. 70967		ILLINOIS FED. AID PROJECT	
PLOT DATE =	DATE -	REVISED -									

STA. 1256+94.61
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE LT
 USFL 8' LT. = 653.86
 DSFL 62' LT. = 654.00



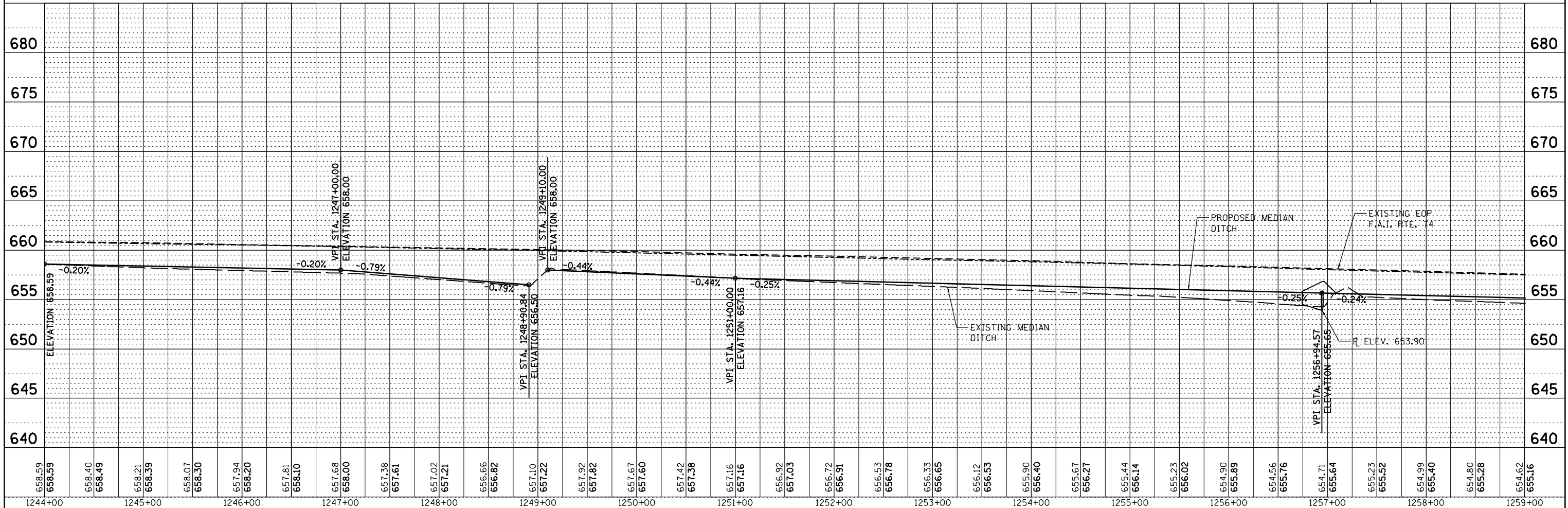
STA. 1248+90.50
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE RT (RCCP)
 USFL 9' RT. = 656.12
 DSFL 63' RT. = 656.14



⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
 SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
 STATION 1256+94.61 - 1 EACH
 (SEE SCHEDULE)

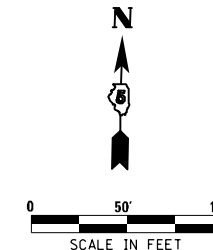
McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754



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

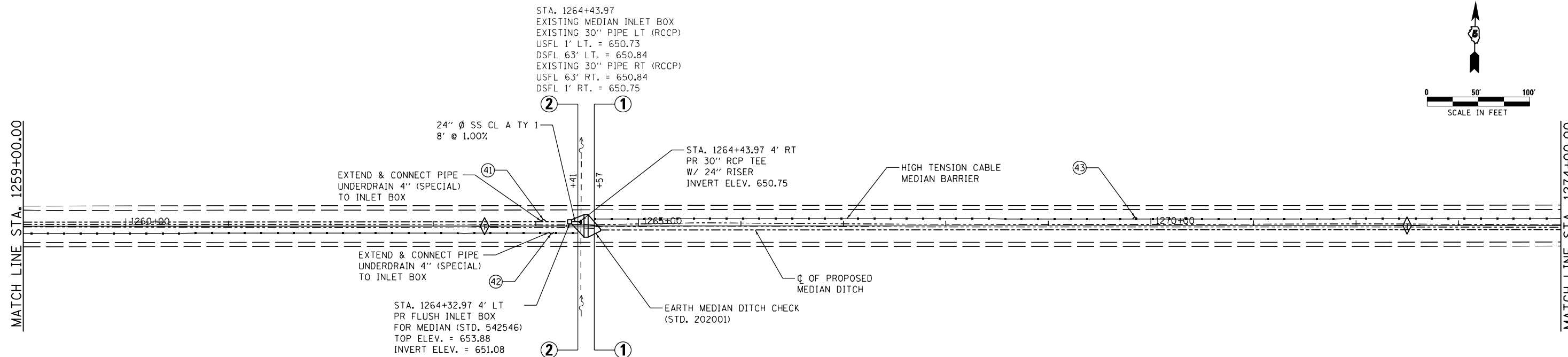
DATE	
BY	
PROFILE	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

FILE NAME = D570967-XXX-PLNPRF14.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74				SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50	CHECKED - TMM	DRAWN - RNH	REVISED -		74	MEDIAN CABLE 2012-2	VERMILION	120	19			
PLOT DATE =	DATE -	REVISOR -	REVISED -		SCALE: 1"=50'				SHEET NO. 7 OF 28 SHEETS STA. 1244+00.00 TO STA. 1259+00.00			
CONTRACT NO. 70967												



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

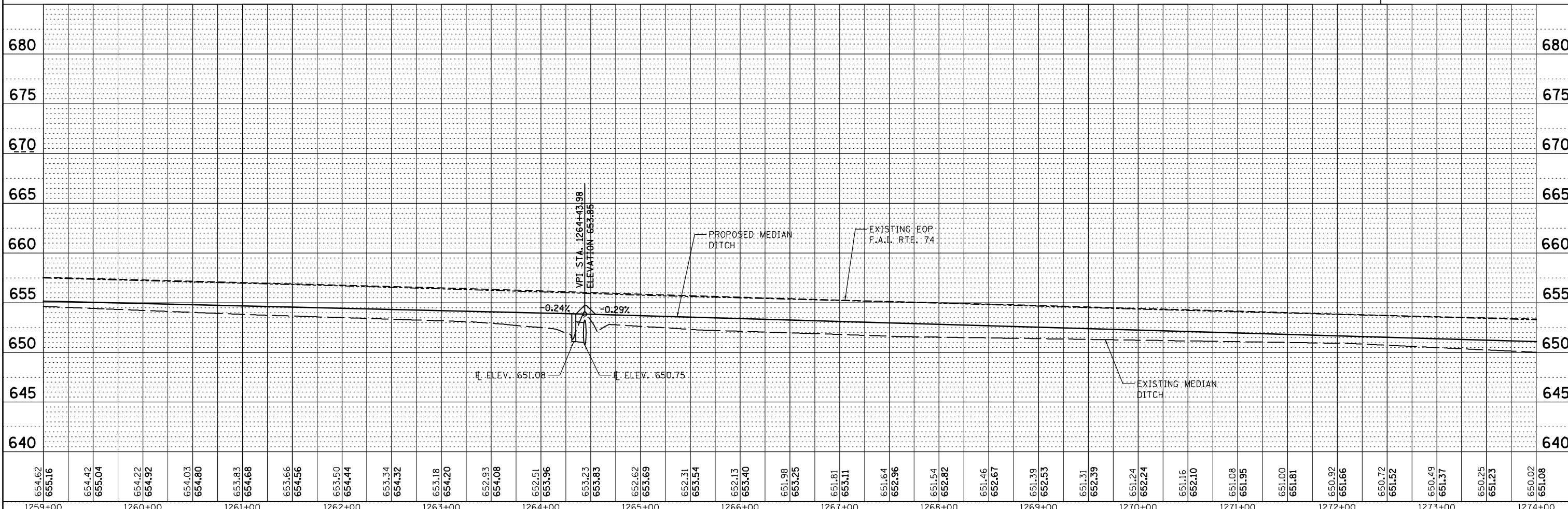
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



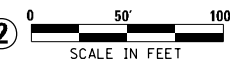
MEDIAN INLET BOX REMOVAL
STATION 1264+43.97 - 1 EACH
(SEE SCHEDULE)

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.7233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754



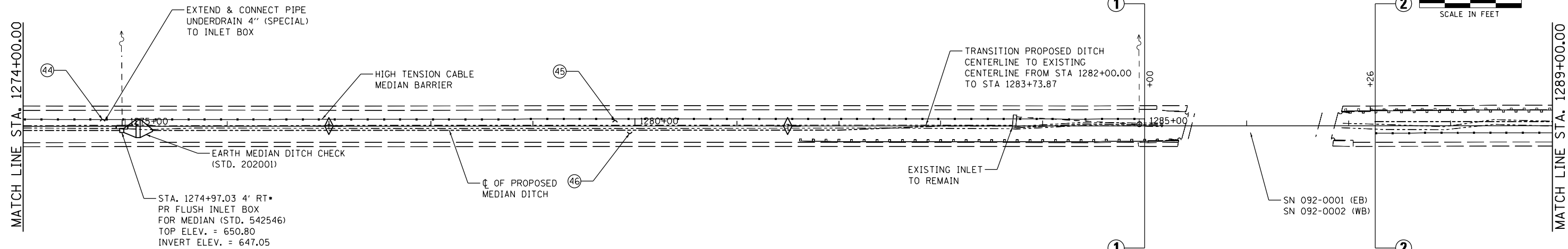
FILE NAME = D570967-XXX-PLNPRF8.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74	F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 20	
PLOT SCALE = 50	CHECKED - TMM	REVISED -	SCALE: 1"=50'			SHEET NO. 8 OF 28 SHEETS	STA. 1259+00.00 TO STA. 1274+00.00	CONTRACT NO. 70967		ILLINOIS FED. AID PROJECT	
PLOT DATE =	DATE -	REVISED -	*CHAMPAIGN & VERMILION								



STA. 1274+97.03
EXISTING MEDIAN INLET BOX
EXISTING 30" PIPE LT (RCCP)
USFL 0' LT. = 647.05
DSFL 69' LT. = 647.16

STA. 1283+73.87
EXISTING MEDIAN INLET BOX
EXISTING 18" PIPE
USFL 9' LT. = 646.90

STA. 1284+94.85
EXISTING CATCH BASIN
EXISTING 18" PIPE (RCCP)
USFL 2' LT. = 645.67

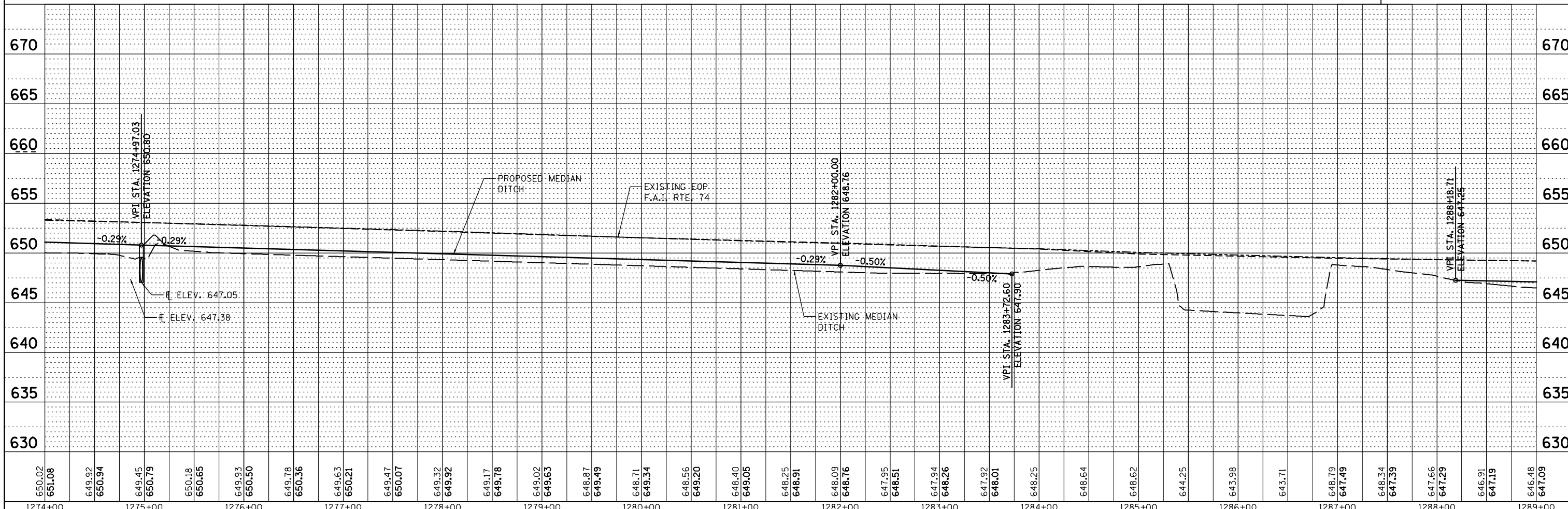


MEDIAN INLET BOX REMOVAL
STATION 1274+97.03 - 1 EACH
(SEE SCHEDULE)

• SAW CUT OR GRIND 0.5" OFF OF 30"
PIPE ENDS TO FIT INTO PR FLUSH
INLET BOX

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754



650.02	651.08	649.92	650.94	649.45	650.79	650.18	650.65	649.93	650.50	649.78	650.36	649.63	650.21	649.47	650.07	649.32	649.92	649.17	649.78	649.02	649.63	648.87	649.49	648.71	649.34	648.56	649.20	648.40	649.05	648.25	648.91	648.09	648.76	647.95	648.51	647.94	648.26	647.92	648.01	648.25	648.64	648.62	644.25	643.98	643.71	648.79	647.49	648.34	647.39	647.66	647.29	646.91	647.19	646.48	647.09
1274+00	1275+00	1276+00	1277+00	1278+00	1279+00	1280+00	1281+00	1282+00	1283+00	1284+00	1285+00	1286+00	1287+00	1288+00	1289+00																																								

DATE	
BY	
PLAN	
NO. _____	
NOTE BOOK	
NO. _____	
DATE	
BY	
PROFILE	
NO. _____	
NOTE BOOK	
NO. _____	
DATE	
BY	

DATE	
BY	
PROFILE	
NO. _____	
NOTE BOOK	
NO. _____	
DATE	
BY	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74

SCALE: 1"=50' SHEET NO. 9 OF 28 SHEETS STA. 1274+00.00 TO STA. 1289+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	21
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

STA. 1289+95.67
EXISTING MEDIAN INLET BOX
EXISTING 18" PIPE LT (RCCP)
USFL 6' LT. = 644.65
DSFL 60' LT. = 645.02

STA. 1289+91.67 4' LT
PROPOSED INLET BOX
TYPE 24G (STD. 542531)
INVERT ELEV. = 644.85

24" Ø SS CL A TY 1
2' @ 1.00%

STA. 1289+95.67 4' LT
PR FLUSH INLET BOX
FOR MEDIAN (STD. 542546)
TOP ELEV. = 647.95
INVERT ELEV. (18" N) = 644.75
INVERT ELEV. (24" E & W) = 644.83

EARTH MEDIAN DITCH
CHECK SPECIAL
SEE DETAIL

STA. 1289+99.67 4' LT
PROPOSED INLET BOX
TYPE 24G (STD. 542531)
INVERT ELEV. = 644.85

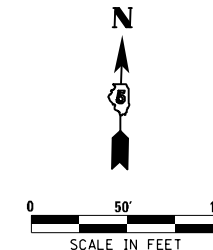
24" Ø SS CL A TY 1
2' @ 1.00%

STA. 1299+97.05
EXISTING MEDIAN INLET BOX
EXISTING 18" PIPE RT (RCCP)
USFL 7' RT. = 646.45
DSFL 61' RT. = 646.80

EARTH MEDIAN DITCH CHECK
(STD. 202001)

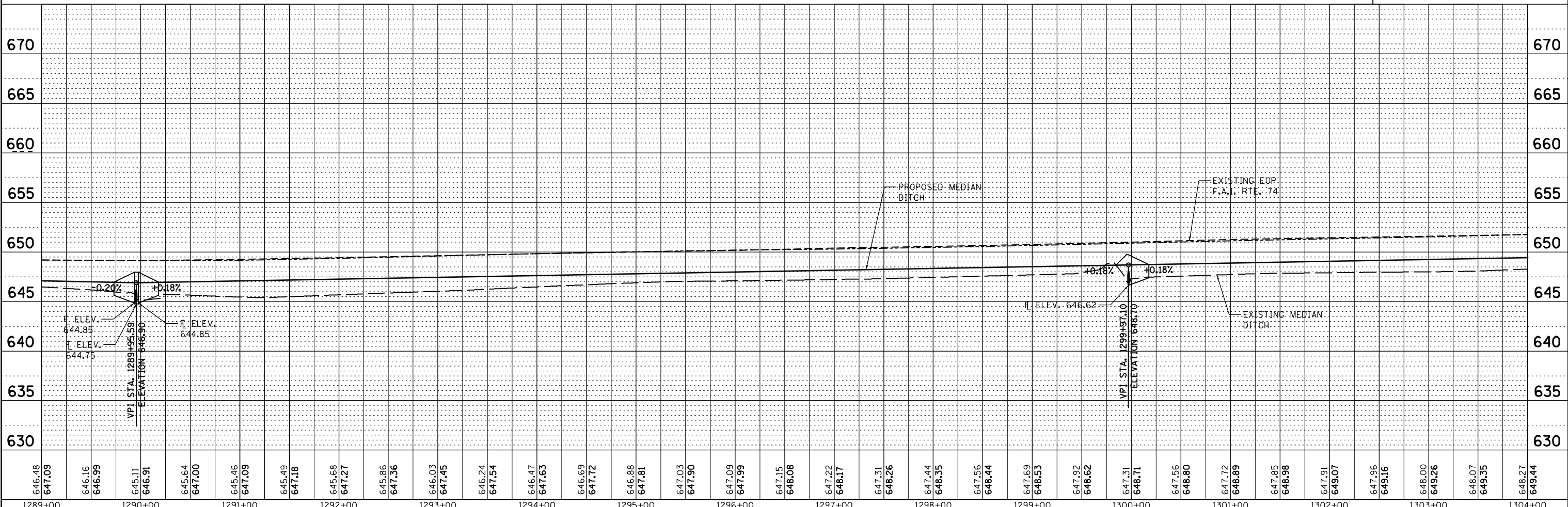
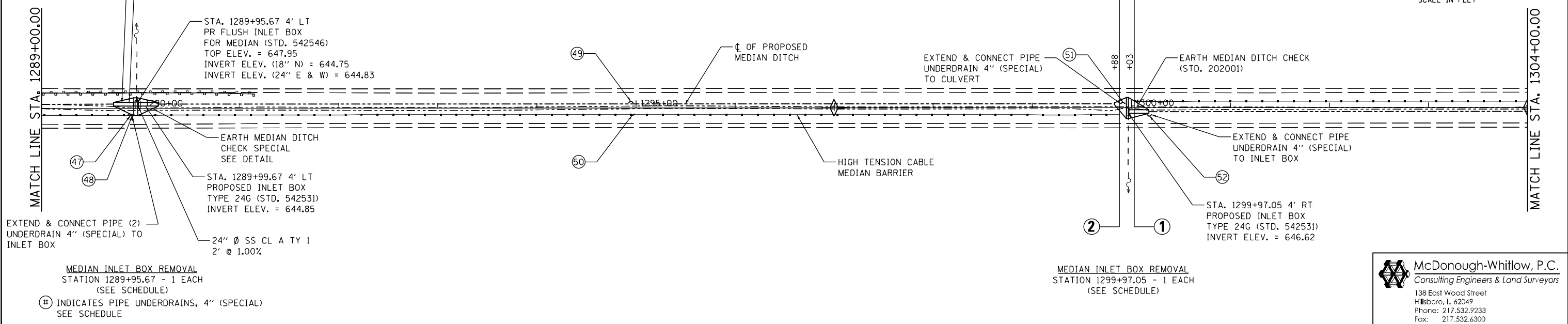
EXTEND & CONNECT PIPE
UNDERDRAIN 4" (SPECIAL)
TO INLET BOX

STA. 1299+97.05 4' RT
PROPOSED INLET BOX
TYPE 24G (STD. 542531)
INVERT ELEV. = 646.62



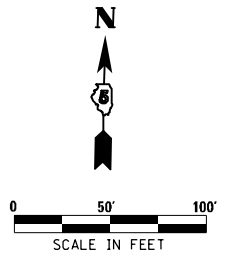
DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

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

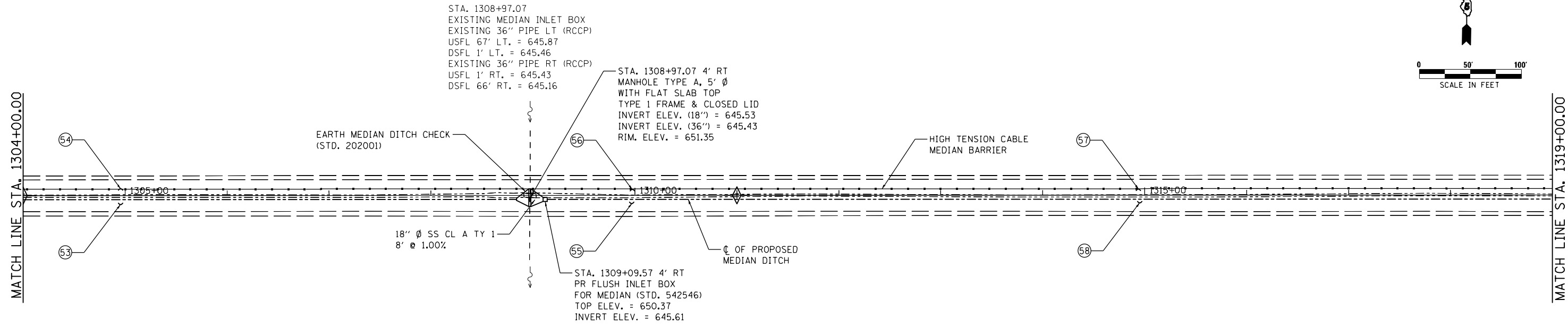


McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.7233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FILE NAME = D570967-XXX-PLNPRF18.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74	F.A.I. RTE. 74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50	CHECKED - TMM	DRAWN - RNH	REVISED -			VERMILION	120	22		
PLOT DATE =	DATE -	REVISOR -	REVISED -			CONTRACT NO. 70967				
						ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

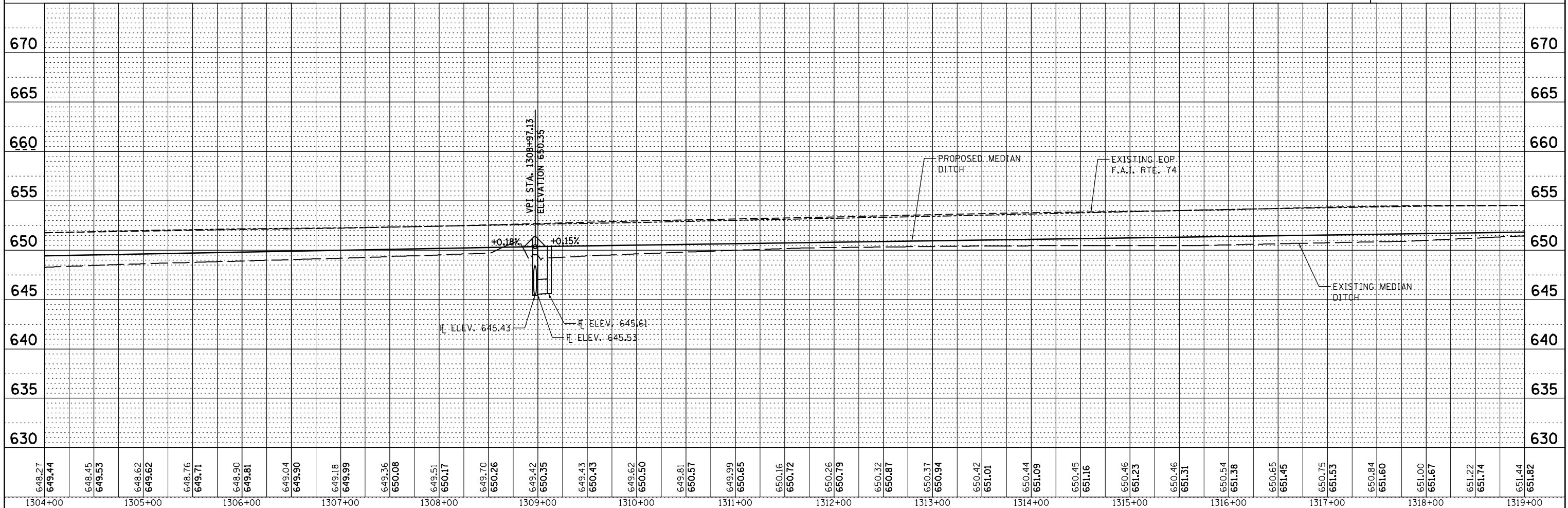


MEDIAN INLET BOX REMOVAL
STATION 1308+97.07 - 1 EACH
(SEE SCHEDULE)

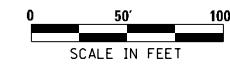
⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

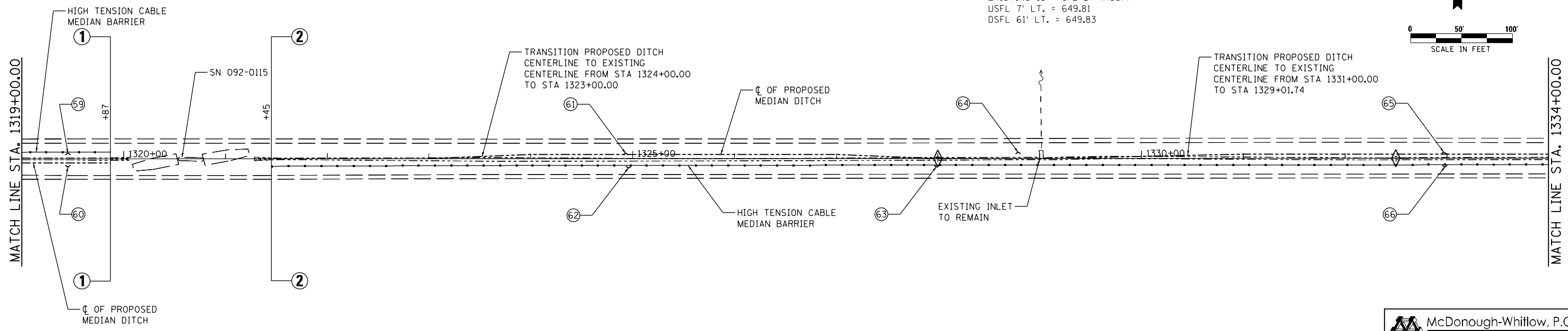
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



FILE NAME = D570967-XXX-PLNPRF11.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74				F.A.I. RTE. 74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50'	CHECKED - TMM	DRAWN - RNH	REVISED -		SCALE: 1"=50'	SHEET NO. 11 OF 28 SHEETS	STA. 1304+00.00 TO STA. 1319+00.00	VERMILION	120	23			
PLOT DATE =	DATE -	REVISOR -	REVISED -						CONTRACT NO. 70967				
											ILLINOIS FED. AID PROJECT		



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	BY		
	NO.		

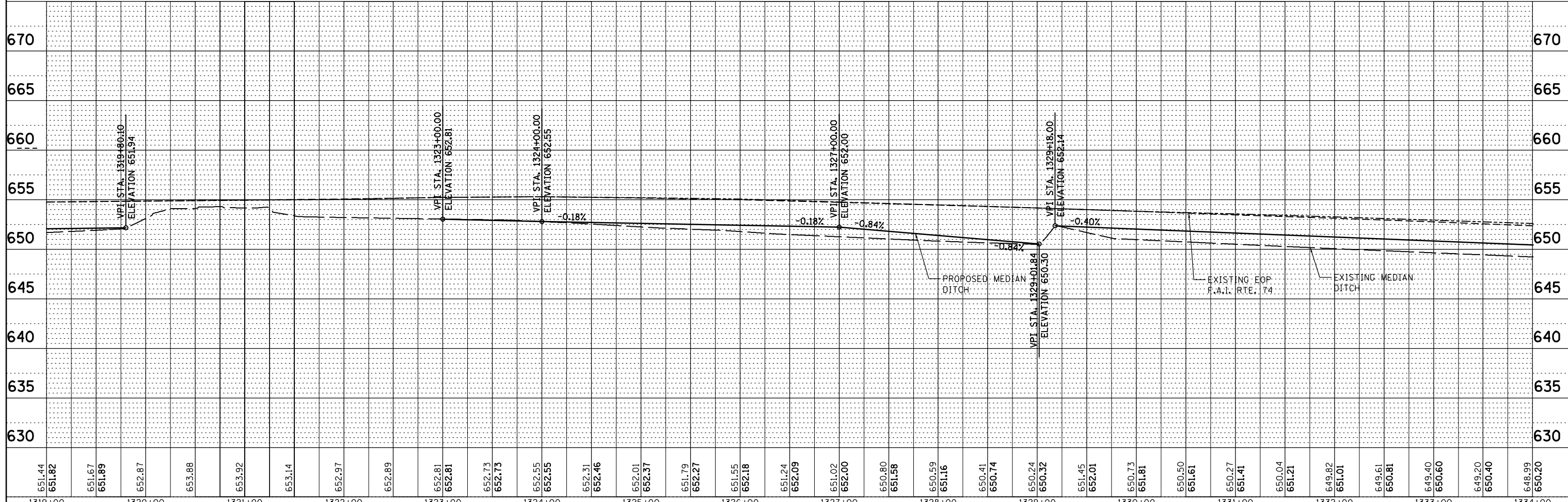


STA. 1329+01.74
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE LT (RCCP)
 USFL 7' LT. = 649.81
 DSFL 61' LT. = 649.83

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
 SEE SCHEDULE

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	BY		
	NO.		



651.44	651.82	651.67	651.89	652.87	653.88	653.92	653.14	652.97	652.89	652.81	652.81	652.73	652.73	652.55	652.55	652.31	652.46	652.01	652.37	651.79	652.27	651.55	652.18	651.24	652.09	651.02	652.00	650.80	651.58	650.59	651.16	650.41	650.74	650.24	650.32	651.45	652.01	650.73	651.81	650.50	651.61	650.27	651.41	650.04	651.21	649.82	651.01	649.61	650.81	649.40	650.60	649.20	650.40	648.99	650.20
1319+00	1320+00	1321+00	1322+00	1323+00	1324+00	1325+00	1326+00	1327+00	1328+00	1329+00	1330+00	1331+00	1332+00	1333+00	1334+00																																								

FILE NAME = 0570967-XXX-PLNPRF12.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE = 50	DRAWN - RNH	REVISED -
PLOT DATE =	CHECKED - TMM	REVISED -
	DATE -	REVISED -

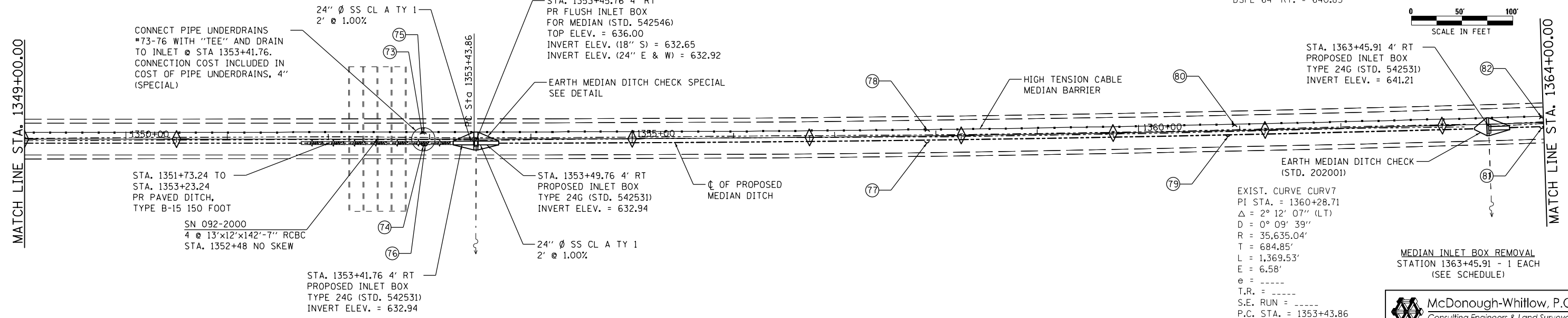
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74
 SCALE: 1"=50' SHEET NO. 12 OF 28 SHEETS STA. 1319+00.00 TO STA. 1334+00.00

F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 24
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

STA. 1353+45.76
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE RT (RCCP)
 USFL 6' RT. = 632.40
 DSFL 88' RT. = 625.48

STA. 1363+45.91
 EXISTING MEDIAN INLET BOX
 EXISTING 18" PIPE RT (RCCP)
 USFL 8' RT. = 641.18
 DSFL 64' RT. = 640.85

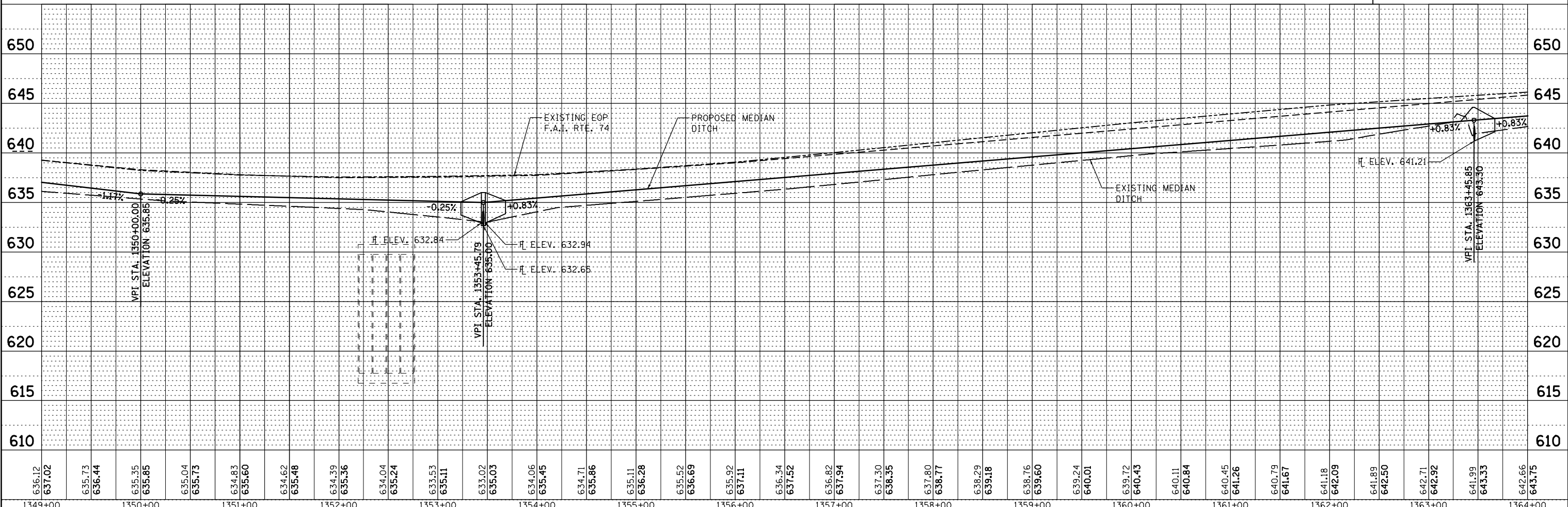


MEDIAN INLET BOX REMOVAL
 STATION 1363+45.91 - 1 EACH
 (SEE SCHEDULE)

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
 SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
 STATION 1353+45.76 - 1 EACH
 (SEE SCHEDULE)

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754



636.12	637.02	635.73	636.44	635.35	635.85	635.04	635.73	634.83	635.60	634.62	635.48	634.39	635.36	634.04	635.24	633.53	635.11	633.02	635.03	634.06	635.45	634.71	635.86	635.11	636.28	635.52	636.69	635.92	637.11	636.34	637.52	636.82	637.94	637.30	638.35	637.80	638.77	638.29	639.18	638.76	639.60	639.24	640.01	639.72	640.43	640.11	640.84	640.45	641.26	640.79	641.67	641.18	642.09	641.89	642.50	642.71	642.92	641.99	643.33	642.66	643.75
1349+00	1350+00	1351+00	1352+00	1353+00	1354+00	1355+00	1356+00	1357+00	1358+00	1359+00	1360+00	1361+00	1362+00	1363+00	1364+00																																														

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

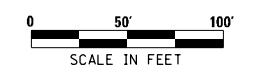
PLAN & PROFILE
F.A.I. 74

SCALE: 1"=50' SHEET NO. 14 OF 28 SHEETS STA. 1349+00.00 TO STA. 1364+00.00

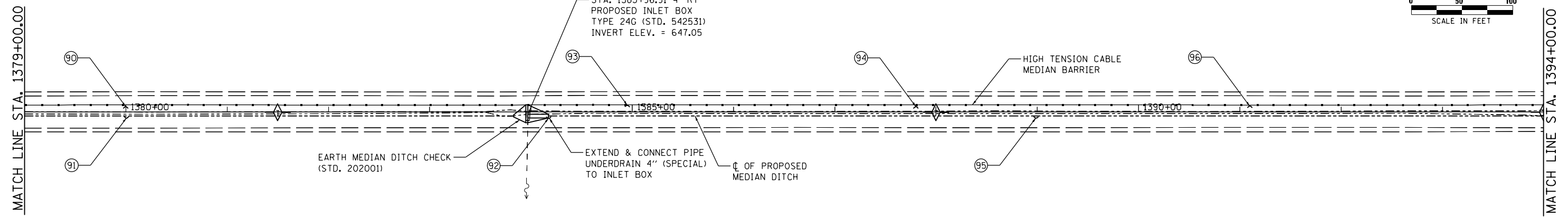
F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 26
CONTRACT NO. 70967				ILLINOIS FED. AID PROJECT

PLAN	DATE
BY	
REVISIONS	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	



PLAN	DATE
BY	
REVIEWED	
CHECKED	
FILE NAME	
NO.	



STA. 1383+96.91
EXISTING MEDIAN INLET BOX
EXISTING 18" PIPE RT
USFL 7' RT. = 647.05
DSFL 61' RT. = 647.04

STA. 1383+96.91 4' RT
PROPOSED INLET BOX
TYPE 24G (STD. 542531)
INVERT ELEV. = 647.05

EARTH MEDIAN DITCH CHECK
(STD. 202001)

EXTEND & CONNECT PIPE
UNDERDRAIN 4" (SPECIAL)
TO INLET BOX

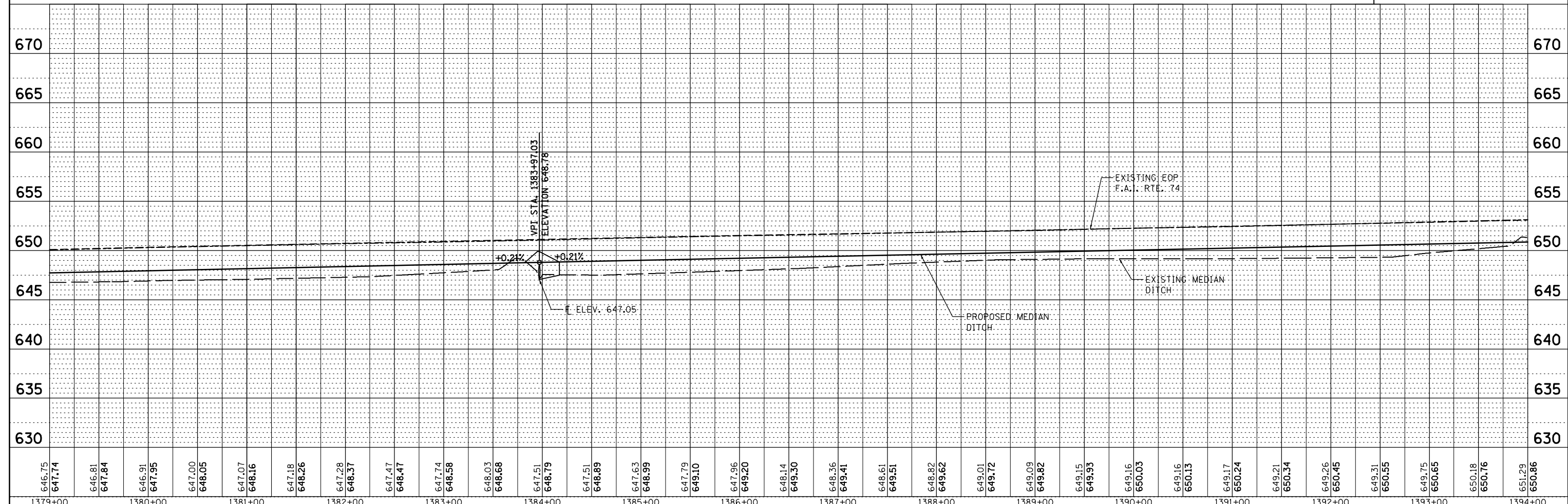
CL OF PROPOSED
MEDIAN DITCH

MEDIAN INLET BOX REMOVAL
STATION 1383+96.91 1 - EACH
(SEE SCHEDULE)

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

PROFILE	DATE
BY	
REVIEWED	
CHECKED	
NOTATIONS	
NO.	



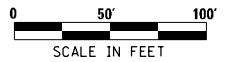
646.75	647.74	646.81	647.84	646.91	647.95	647.00	648.05	647.07	648.16	647.18	648.26	647.28	648.37	647.47	648.47	647.74	648.58	648.03	648.68	647.51	648.79	647.51	648.89	647.63	648.99	647.79	649.10	647.96	649.20	648.14	649.30	648.36	649.41	648.61	649.51	648.82	649.62	649.01	649.72	649.09	649.82	649.15	649.93	649.16	650.03	649.16	650.13	649.21	650.34	649.26	650.45	649.31	650.55	649.75	650.65	650.18	650.76	651.29	650.86
1379+00	1380+00	1381+00	1382+00	1383+00	1384+00	1385+00	1386+00	1387+00	1388+00	1389+00	1390+00	1391+00	1392+00	1393+00	1394+00																																												

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

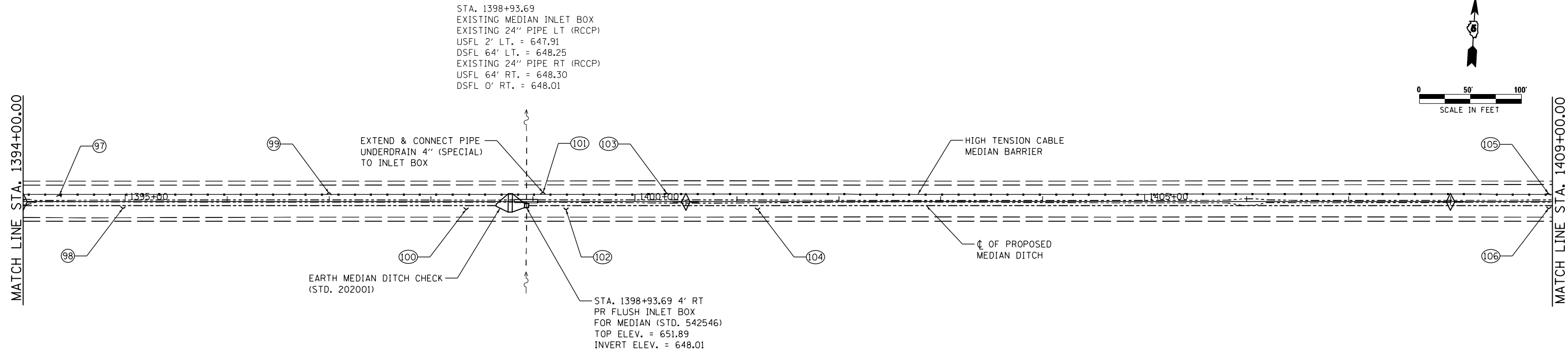
PLAN & PROFILE
F.A.I. 74

SCALE: 1"=50' SHEET NO. 16 OF 28 SHEETS STA. 1379+00.00 TO STA. 1394+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	28
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



PLAN	DATE
BY	
NO.	
NO.	
NO.	
NO.	

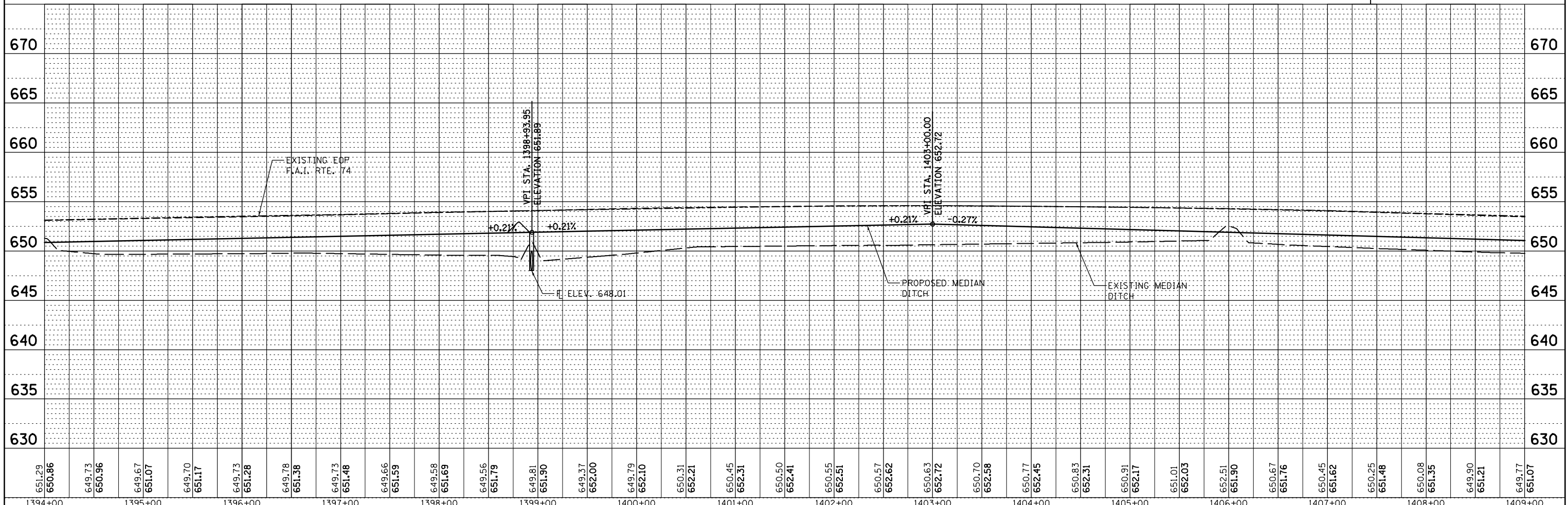


MEDIAN INLET BOX REMOVAL
STATION 1398+93.69 - 1 EACH
(SEE SCHEDULE)

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

PROFILE	DATE
BY	
NO.	
NO.	
NO.	



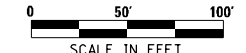
651.29	650.86	649.73	650.96	649.67	651.07	649.70	651.17	649.73	651.28	649.78	651.38	649.73	651.48	649.66	651.59	649.58	651.69	649.56	651.79	649.81	651.90	649.37	652.00	649.79	652.10	650.31	652.21	650.45	652.31	650.50	652.41	650.55	652.51	650.57	652.62	650.63	652.72	650.70	652.58	650.77	652.45	650.83	652.31	650.91	652.17	651.01	652.03	652.51	651.90	650.67	651.76	650.45	651.62	650.25	651.48	650.08	651.35	649.90	651.21	649.77	651.07
1394+00	1395+00	1396+00	1397+00	1398+00	1399+00	1400+00	1401+00	1402+00	1403+00	1404+00	1405+00	1406+00	1407+00	1408+00	1409+00																																														

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74

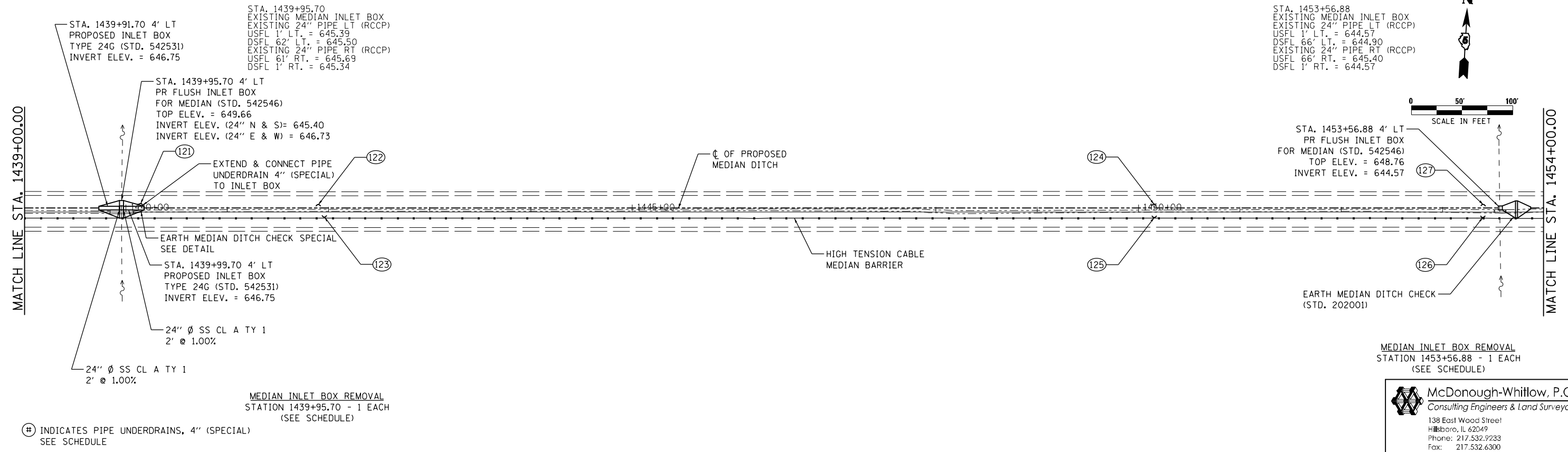
SCALE: 1"=50' SHEET NO. 17 OF 28 SHEETS STA. 1394+00.00 TO STA. 1409+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	29
CONTRACT NO. 70967				ILLINOIS FED. AID PROJECT



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	

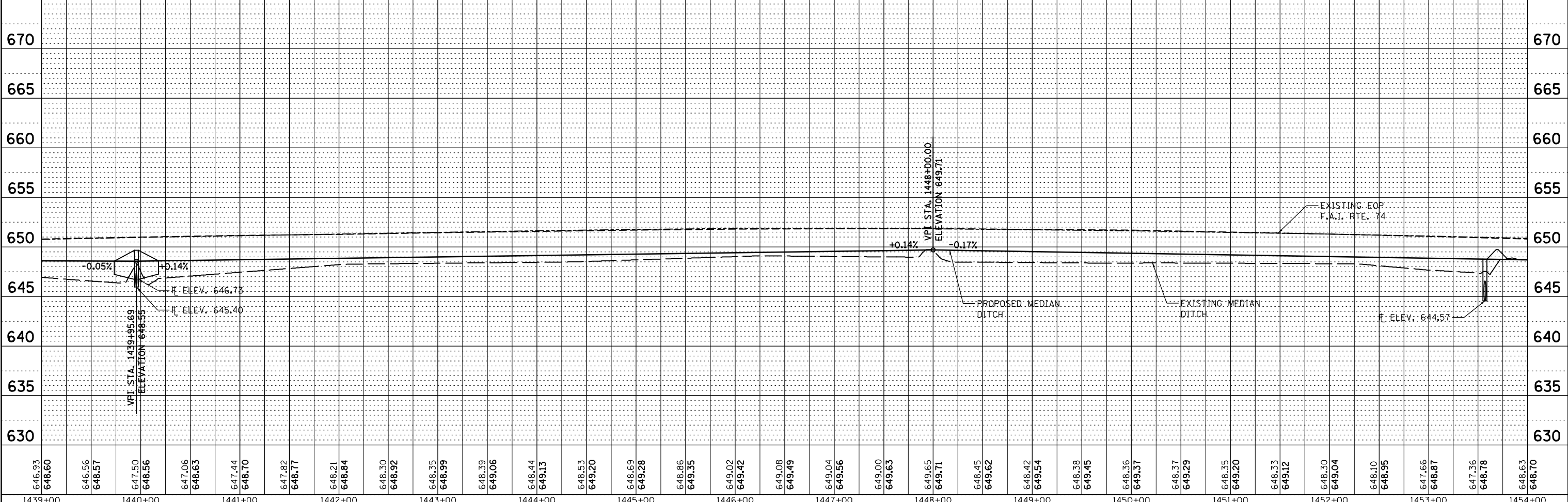


⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL) SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
STATION 1439+95.70 - 1 EACH
(SEE SCHEDULE)

MEDIAN INLET BOX REMOVAL
STATION 1453+56.88 - 1 EACH
(SEE SCHEDULE)

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754



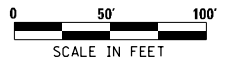
1439+00	1440+00	1441+00	1442+00	1443+00	1444+00	1445+00	1446+00	1447+00	1448+00	1449+00	1450+00	1451+00	1452+00	1453+00	1454+00																																														
646.93	648.60	646.56	648.57	647.50	648.56	647.06	648.63	647.44	648.70	647.82	648.77	648.21	648.84	648.30	648.92	648.35	648.99	648.39	649.06	648.44	649.13	648.53	649.20	648.69	649.28	648.86	649.35	649.02	649.42	649.08	649.49	649.04	649.56	649.00	649.63	649.65	649.71	648.45	649.62	648.42	649.54	648.38	649.45	648.36	649.37	648.37	649.29	648.35	649.20	648.33	649.12	648.30	649.04	648.10	648.95	647.66	648.87	647.36	648.78	648.63	648.70

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74

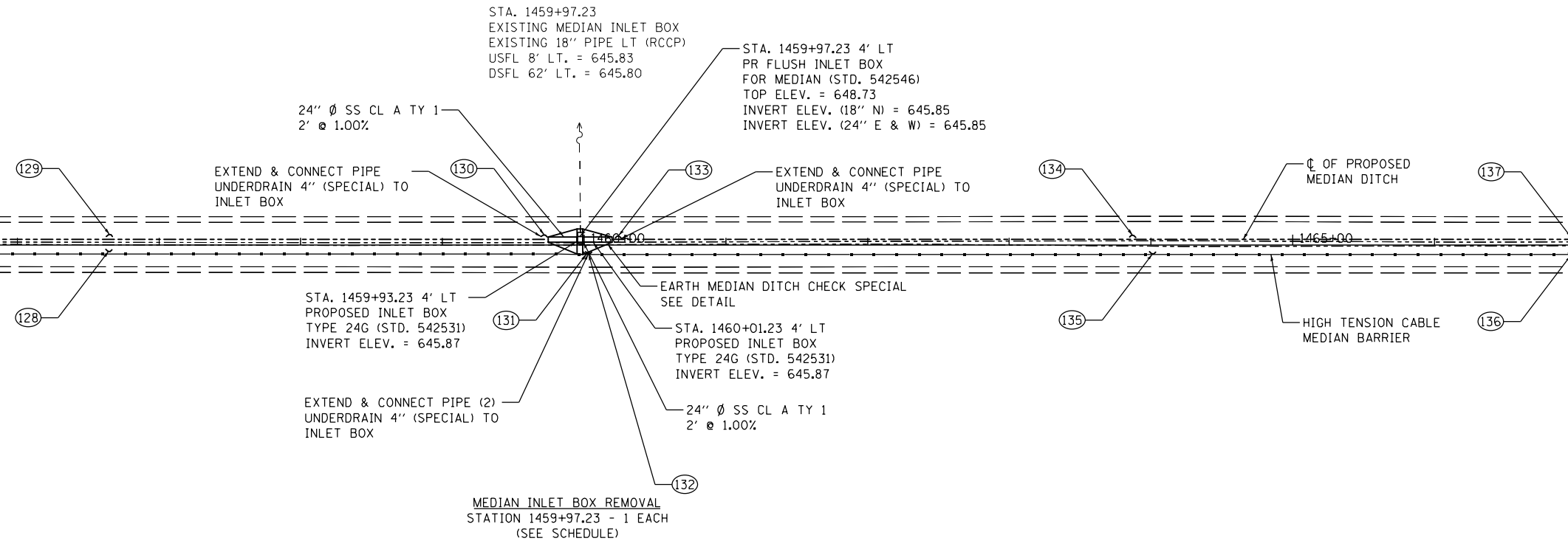
SCALE: 1"=50' SHEET NO. 20 OF 28 SHEETS STA. 1439+00.00 TO STA. 1454+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	32
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 1454+00.00

MATCH LINE STA. 1469+00.00



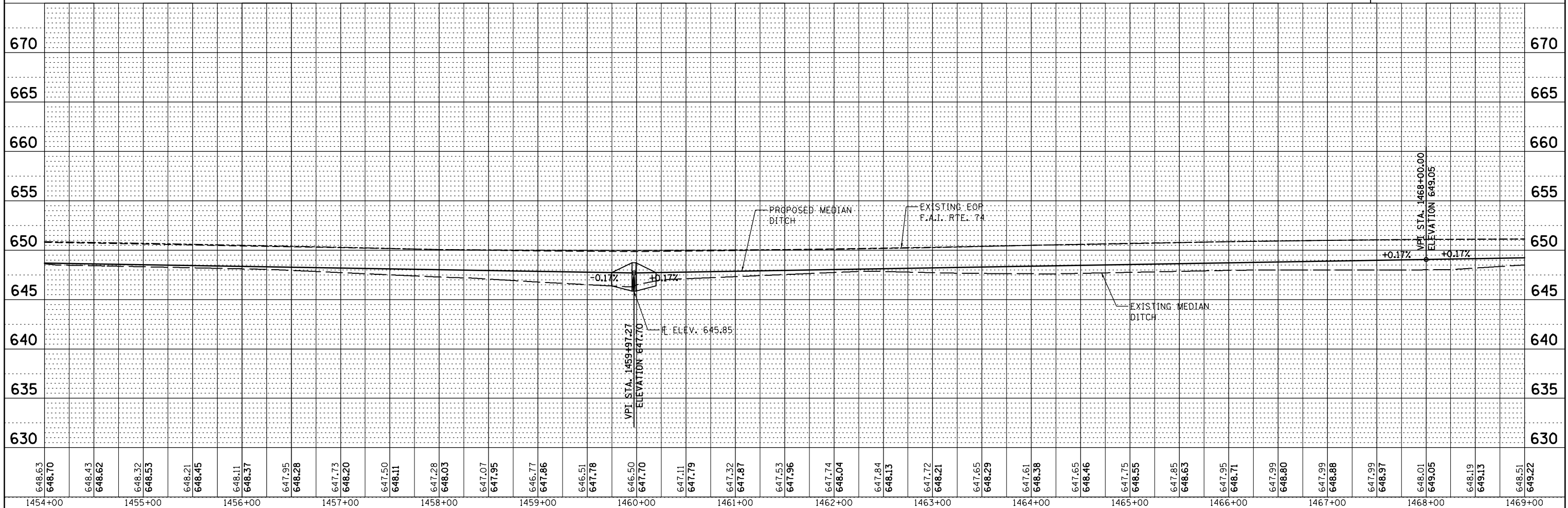
⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)
SEE SCHEDULE

MEDIAN INLET BOX REMOVAL
STATION 1459+97.23 - 1 EACH
(SEE SCHEDULE)

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



648.63	648.70	648.43	648.62	648.32	648.53	648.21	648.45	648.11	648.37	647.95	648.28	647.73	648.20	647.50	648.11	647.28	648.03	647.07	647.95	646.77	647.86	646.51	647.78	646.50	647.70	647.11	647.79	647.32	647.87	647.53	647.96	647.74	648.04	647.84	648.13	647.72	648.21	647.65	648.29	647.61	648.38	647.65	648.46	647.75	648.55	647.85	648.63	647.95	648.71	647.99	648.80	647.99	648.88	647.99	648.97	648.01	649.05	648.19	649.13	648.51	649.22
1454+00	1455+00	1456+00	1457+00	1458+00	1459+00	1460+00	1461+00	1462+00	1463+00	1464+00	1465+00	1466+00	1467+00	1468+00	1469+00																																														

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
F.A.I. 74

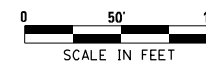
SCALE: 1"=50' SHEET NO. 21 OF 28 SHEETS STA. 1454+00.00 TO STA. 1469+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	33
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

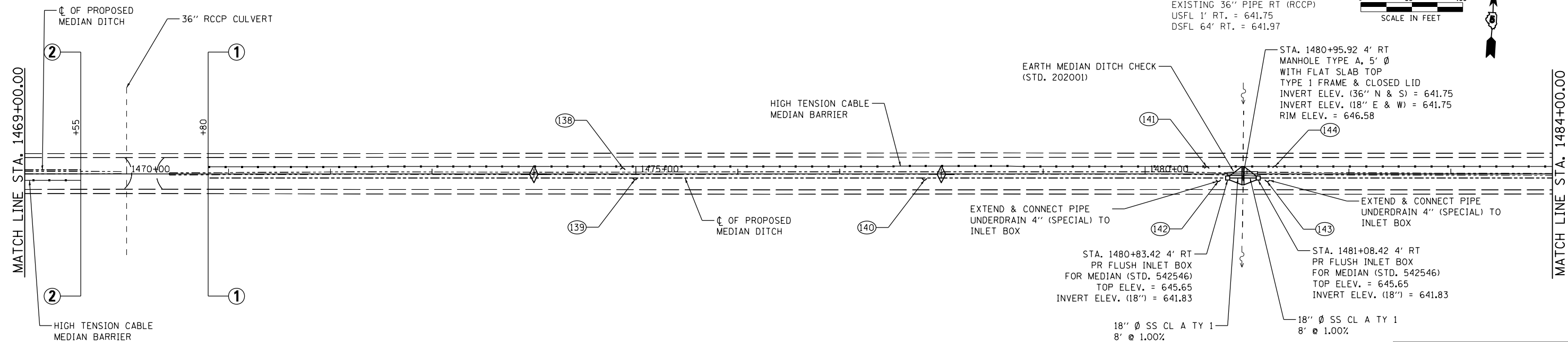
SEC. 11, T19N, R13W, 2ND P.M.

STA. 1480+95.92
 EXISTING MEDIAN INLET BOX
 EXISTING 36" PIPE LT (RCCP)
 USFL 62' LT. = 642.48
 DSFL 2' LT. = 641.98
 EXISTING 36" PIPE RT (RCCP)
 USFL 1' RT. = 641.75
 DSFL 64' RT. = 641.97

SEC. 12, T19N, R13W, 2ND P.M.



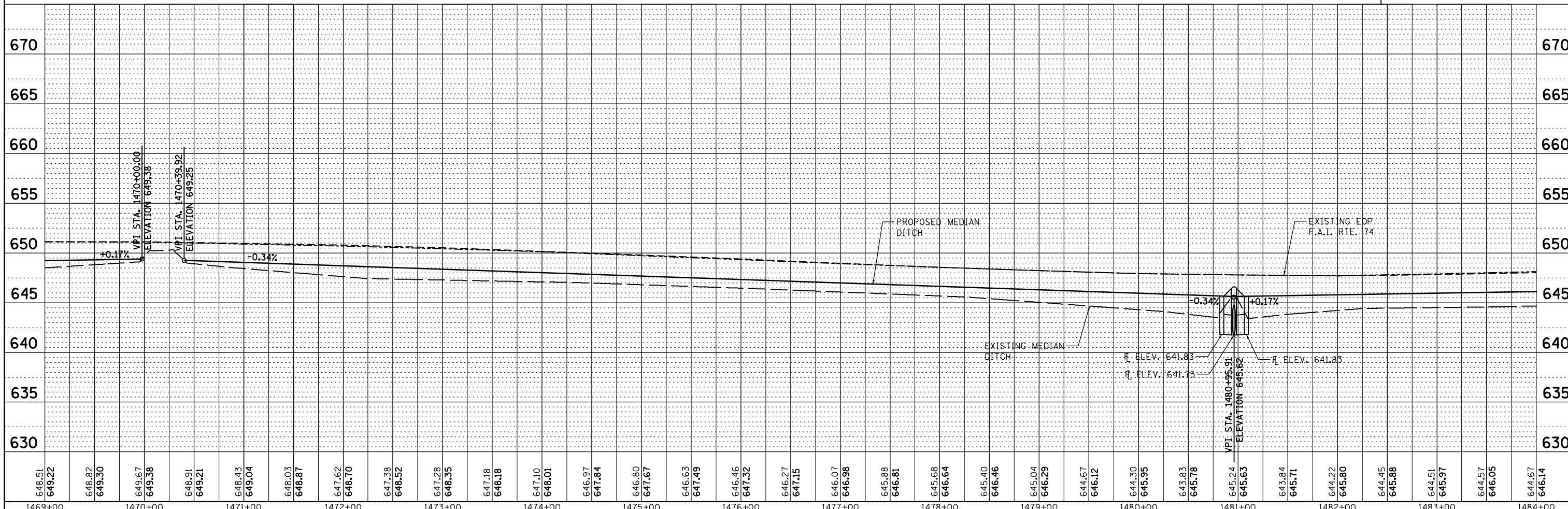
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	
	BY	
	DATE	



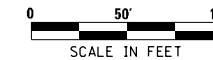
MEDIAN INLET BOX REMOVAL
 STATION 1480+95.92 - 1 EACH
 (SEE SCHEDULE)

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

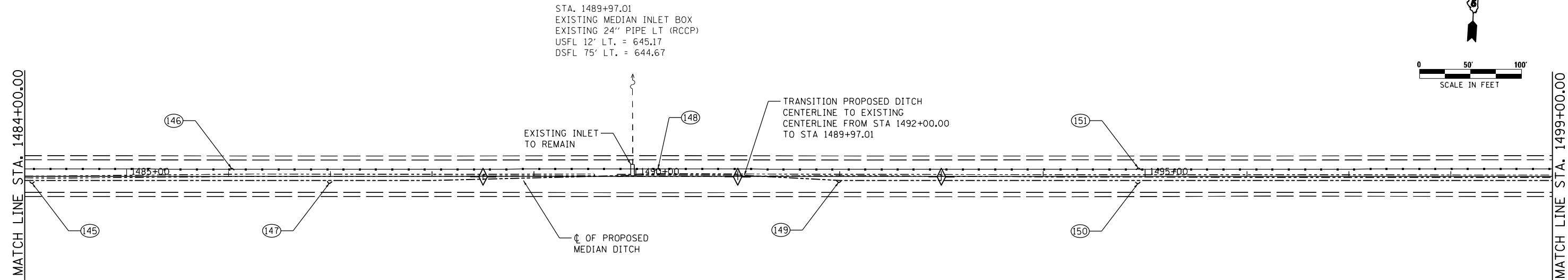
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS	
	CHKD	
	NO.	
	BY	
	DATE	



FILE NAME = D570967-XXX-PLNPRF22.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74	F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50'	CHECKED - TMM	REVISED -	74			MEDIAN CABLE 2012-2	VERMILION	120	34	
PLOT DATE =	DATE -	REVISED -	SCALE: 1"=50'			SHEET NO. 22 OF 28 SHEETS		STA. 1469+00.00 TO STA. 1484+00.00		
						ILLINOIS FED. AID PROJECT				

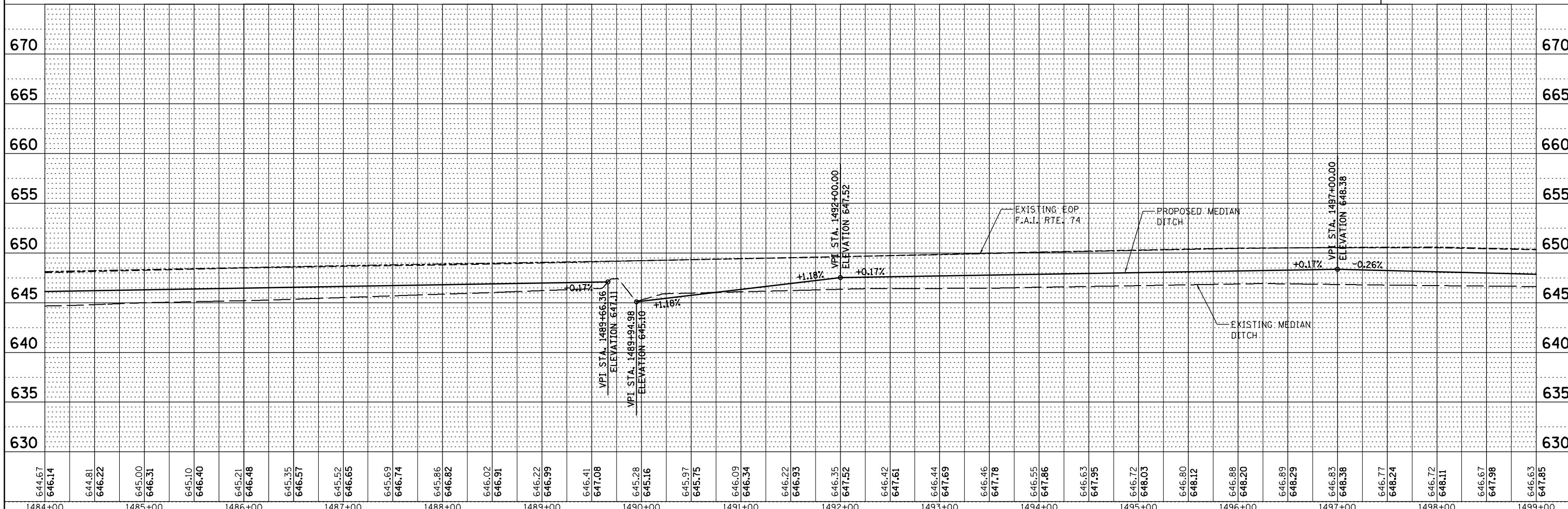


PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	CHECKED	
	FILE NAME	

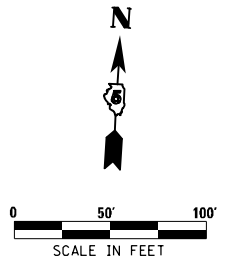


PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	CHECKED	
	NOTATIONS	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754



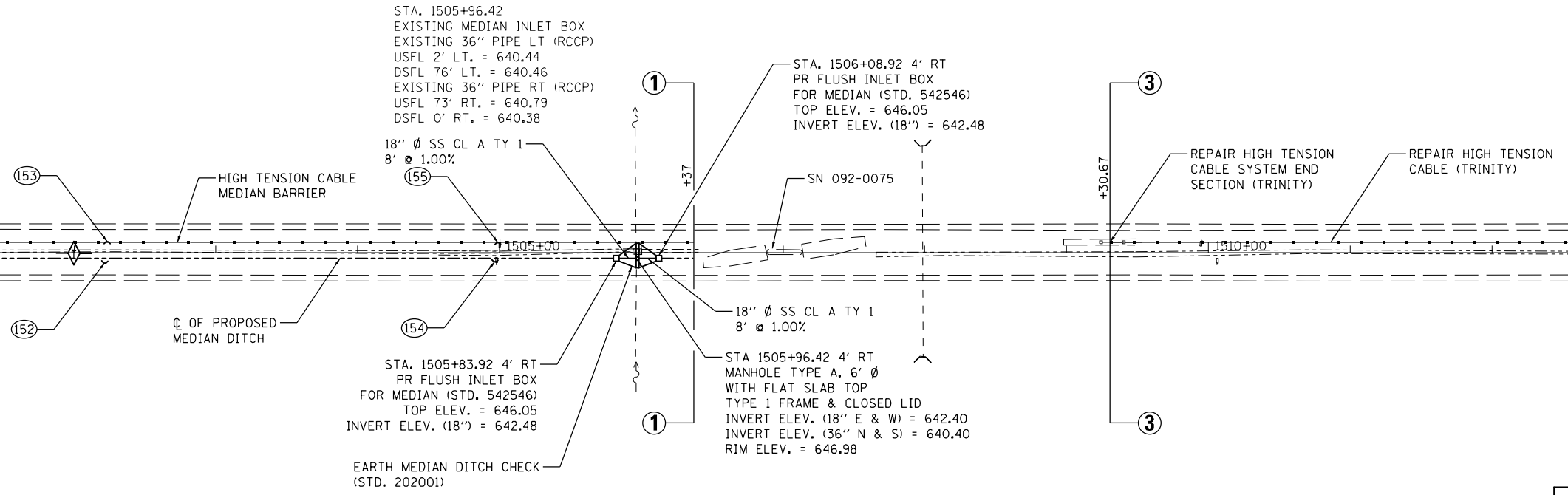
FILE NAME =	USER NAME = RNH	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D570967-XXX-PLNPRF23.dgn		DRAWN - RNH	REVISED -		74	VERMILION	120	35			
PLOT SCALE = 50'		CHECKED - TMM	REVISED -		SCALE: 1"=50'			CONTRACT NO. 70967			
PLOT DATE =		DATE -	REVISED -		SHEET NO. 23 OF 28 SHEETS			ILLINOIS FED. AID PROJECT			



PLAN	DATE
BY	
NO.	
NO.	
NO.	
NO.	

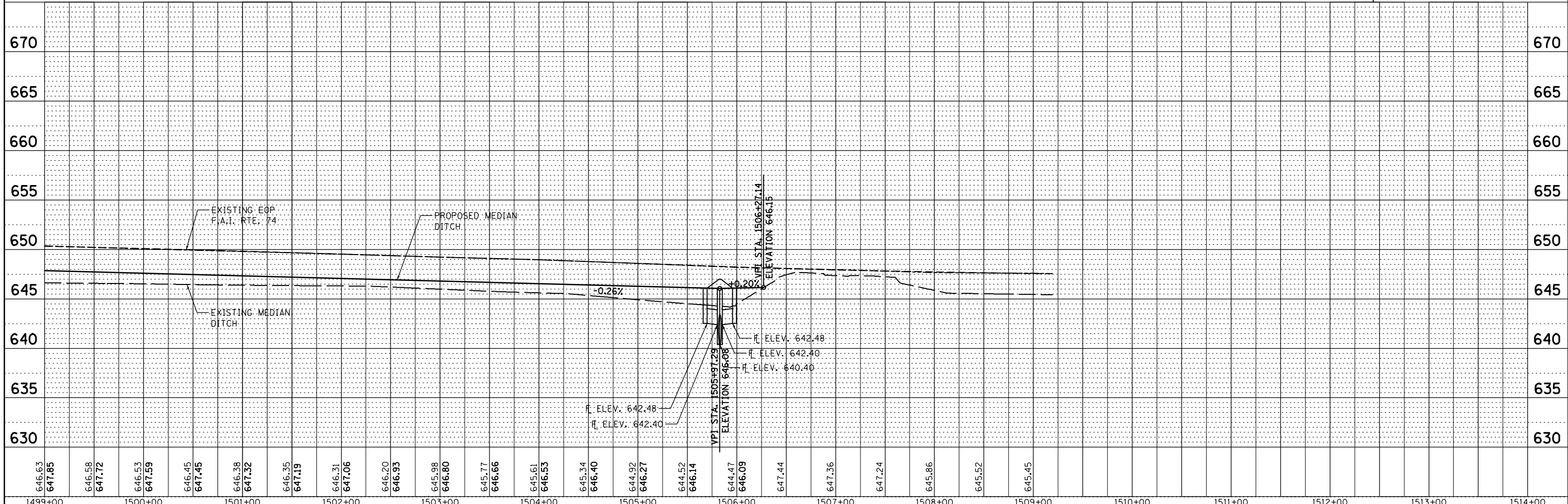
MATCH LINE STA. 1499+00.00

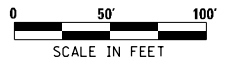
MATCH LINE STA. 1514+00.00



McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.7233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

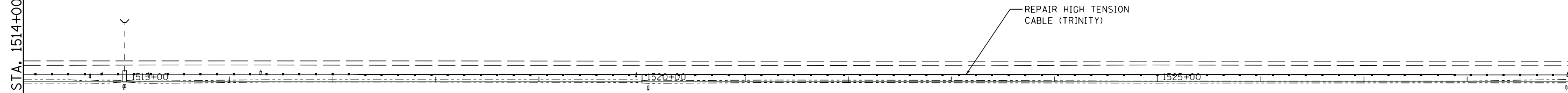
PROFILE	DATE
BY	
NO.	
NO.	
NO.	





MATCH LINE STA. 1514+00.00

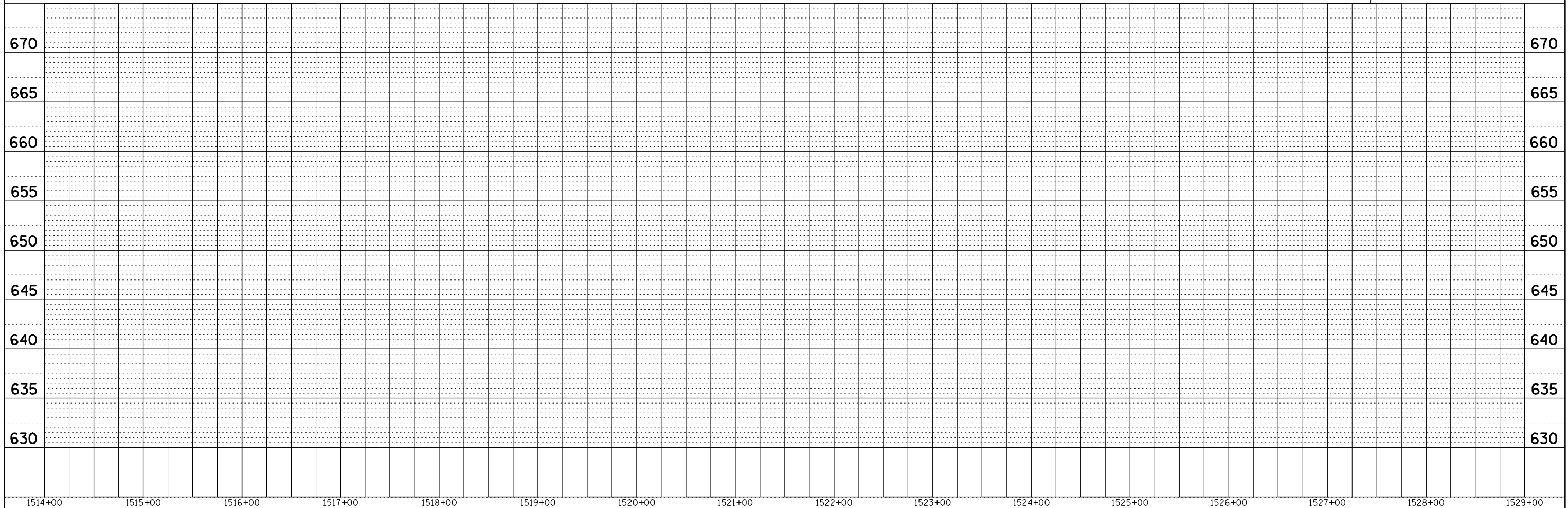
MATCH LINE STA. 1529+00.00



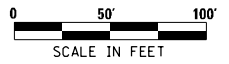
PLAN	DATE
BY	
NO. _____	
NOTE BOOK	
NO. _____	
DESIGNED	
CHECKED	
DATE	
FILE NAME	

PROFILE	DATE
BY	
NO. _____	
NOTE BOOK	
NO. _____	
DESIGNED	
CHECKED	
DATE	
NOTATIONS	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.7233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754



FILE NAME = D570*967-XXX-PLNPRF25.dgn	USER NAME = RNH	DESIGNED - JAH	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE F.A.I. 74				F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 37
PLOT SCALE = 50	CHECKED - TMM	REVISIED -	SCALE: 1"=50'		SHEET NO. 25 OF 28 SHEETS	STA. 1514+00.00	TO STA. 1529+00.00	CONTRACT NO. 70967					
PLOT DATE =	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT										



MATCH LINE STA. 1529+00.00

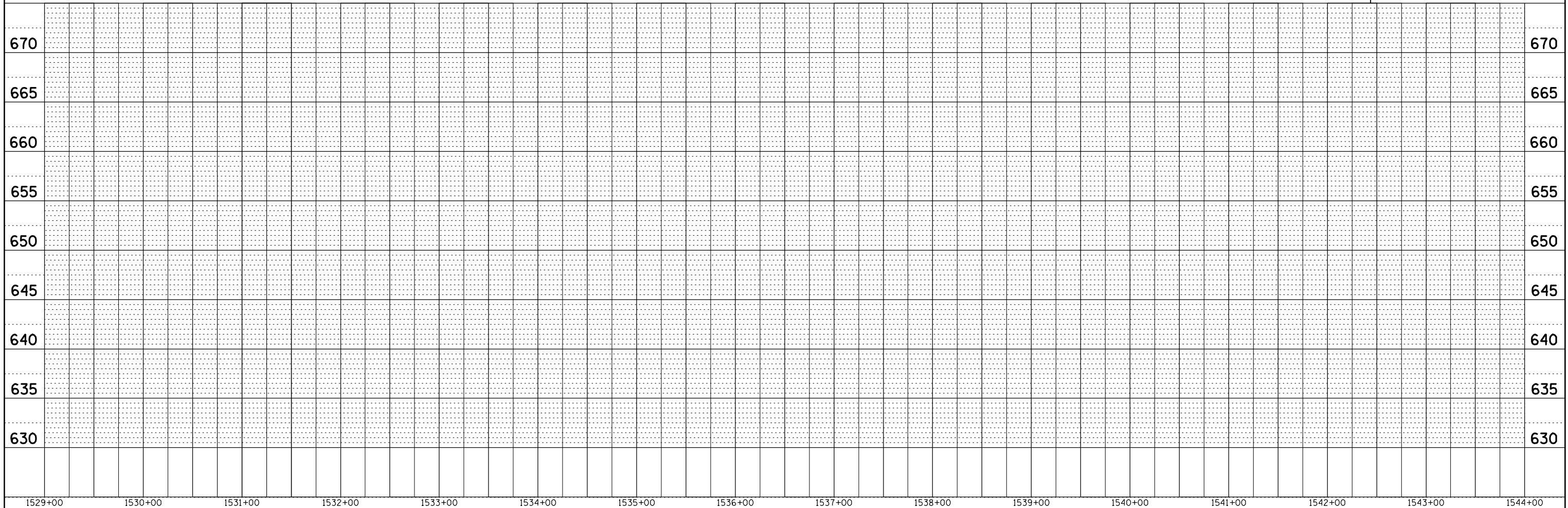
MATCH LINE STA. 1544+00.00

REPAIR HIGH TENSION
CABLE (TRINITY)

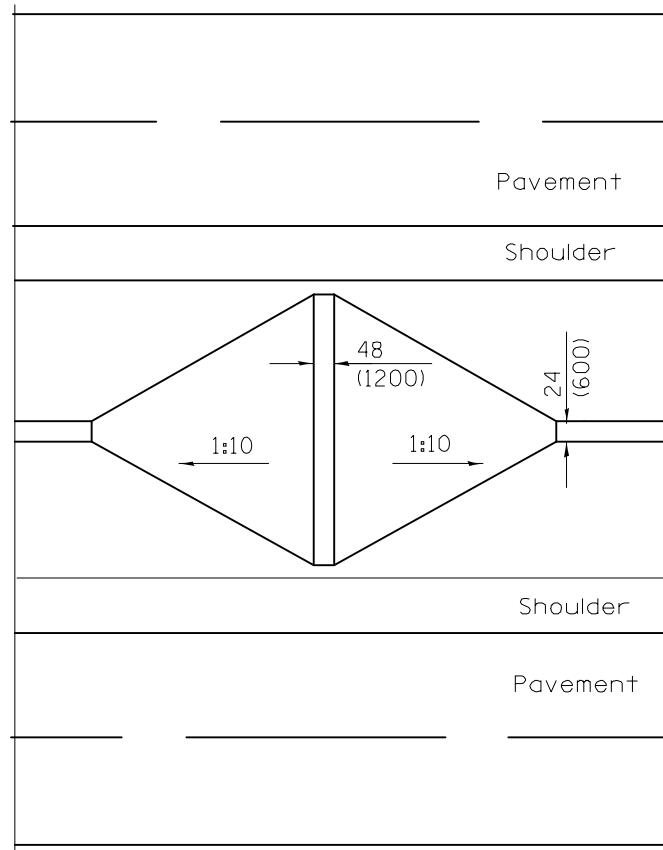
PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		
	ALIGNED	CHECKED
	FILE	NO.
	NAME	

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

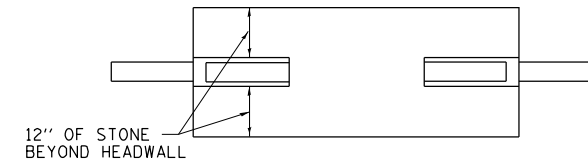
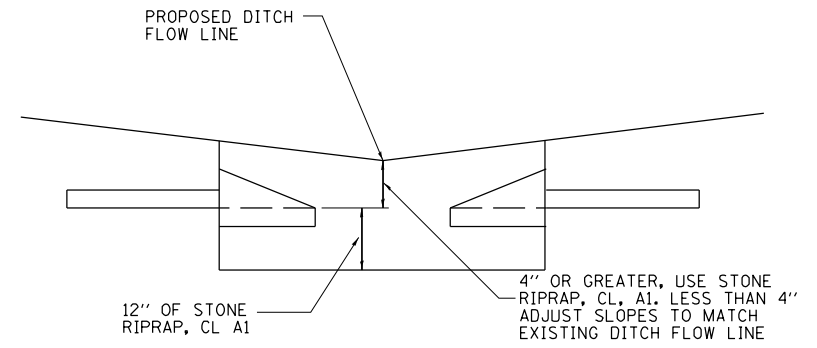
McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.7233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754



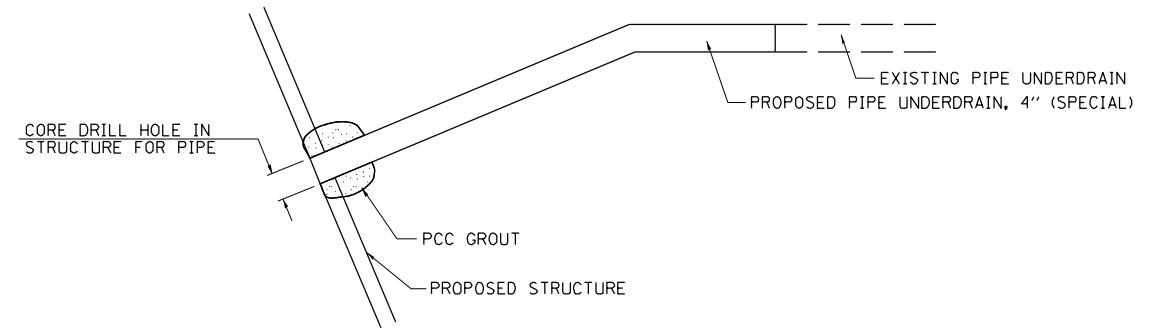
1529+00	1530+00	1531+00	1532+00	1533+00	1534+00	1535+00	1536+00	1537+00	1538+00	1539+00	1540+00	1541+00	1542+00	1543+00	1544+00					
FILE NAME = D570*67-XXX-PLNPRF26.dgn		USER NAME = RNH	DESIGNED - JAH	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						PLAN & PROFILE F.A.I. 74			F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 38		
		PLOT SCALE = 50	CHECKED - TMM	REVISIED -							SCALE: 1"=50'			SHEET NO. 26 OF 28 SHEETS		STA. 1529+00.00 TO STA. 1544+00.00		CONTRACT NO. 70967		
		PLOT DATE =	DATE -	REVISIED -							ILLINOIS FED. AID PROJECT									



EARTH MEDIAN DITCH CHECK SPECIAL



**UNDERDRAIN OUTLET
BELOW DITCH GRADE
TYPICAL DETAIL**



NOTE:
ALL ITEMS REQUIRED FOR CONNECTING PROPOSED
PIPE UNDERDRAINS 4" (SPECIAL) TO STRUCTURE
WILL BE PAID FOR AT THE CONTRACT UNIT PRICE
EACH FOR UNDERDRAIN CONNECTION TO STRUCTURE.

**DETAIL OF CONNECTING PIPE UNDERDRAINS
4" (SPECIAL) TO STRUCTURE**

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

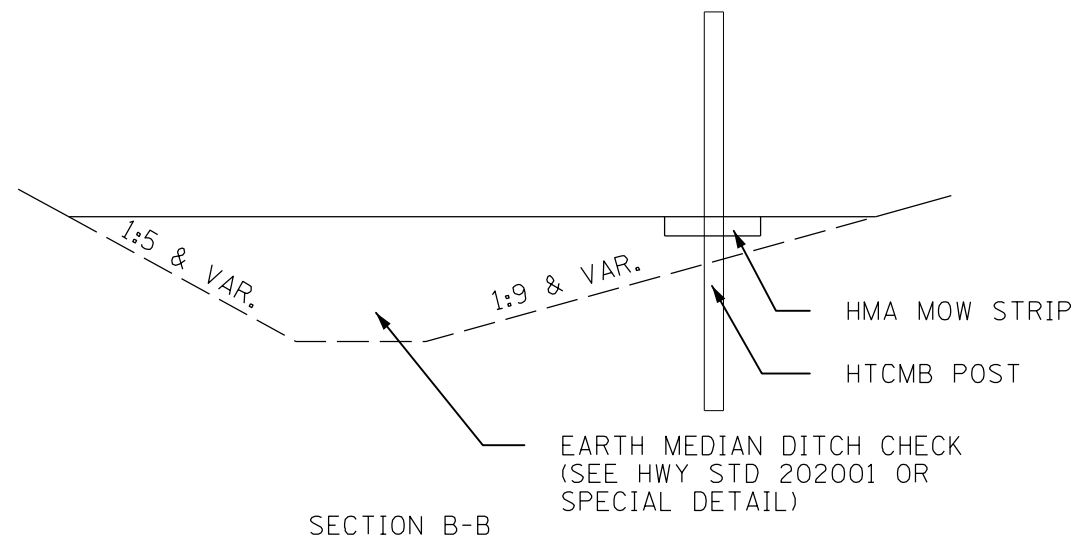
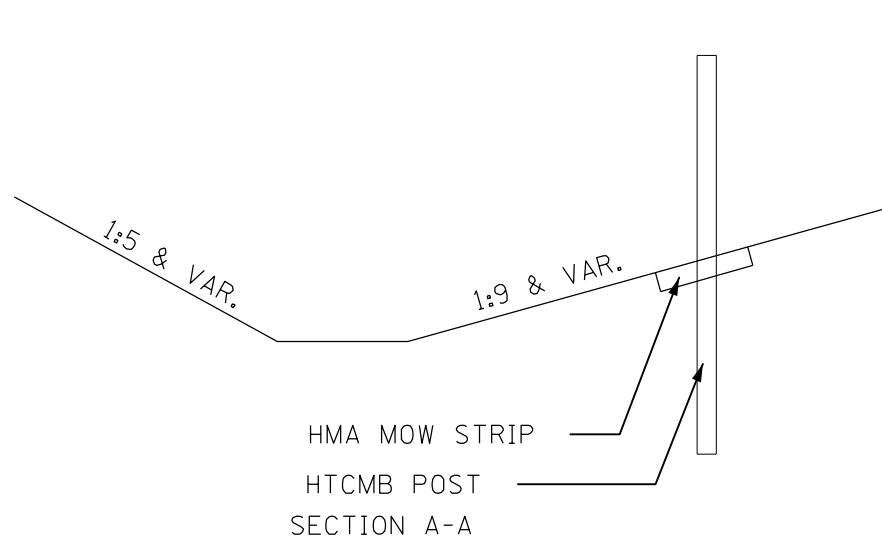
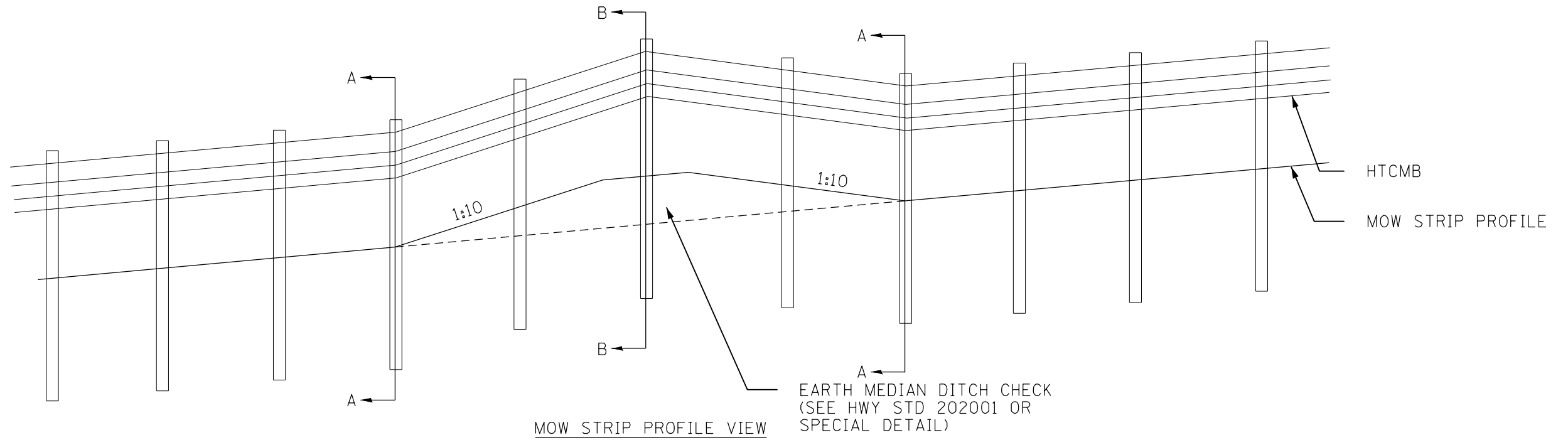
FILE NAME = D570967-xxx-DETSHT1.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DITCH CHECK SPECIAL & UNDERDRAIN OUTLET DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	41
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				



NOTES

WHEN MOW STRIPS INTERSECT EARTH MEDIAN DITCH CHECKS, THE MOW STRIP PROFILE AND CROSS SLOPE SHALL FOLLOW THE LONGITUDINAL AND TRANSVERSE SLOPE OF THE DITCH CHECK AS SHOWN IN THIS DETAIL.

POSTS SHALL BE SET AT THE LOCATIONS OF SECTION A AND SECTION B. POSTS MAY BE REQUIRED TO BE PLACED BETWEEN THESE SECTIONS IN ORDER TO MEET MAXIMUM POST SPACING REQUIREMENTS. THE POSTS AND CABLE SHALL BE SECURED PER MANUFACTURER SPECIFICATIONS TO PREVENT THEM FROM UPLIFTING.

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

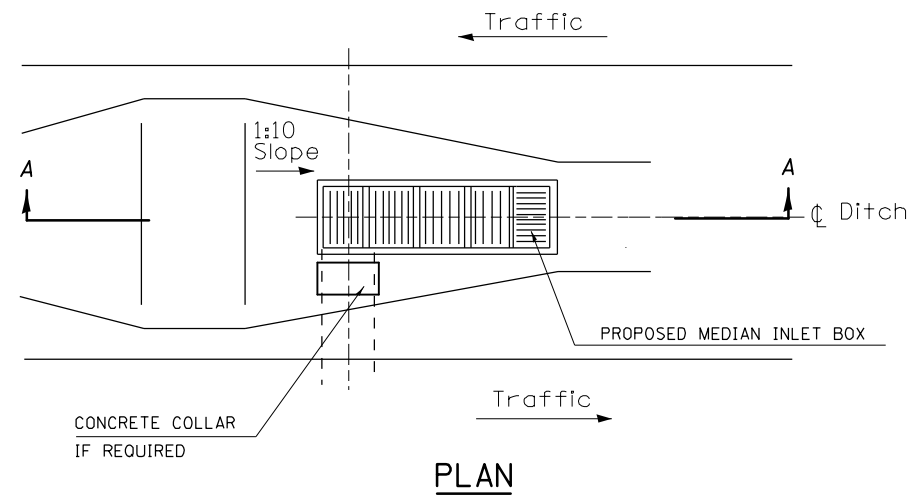
FILE NAME = D570967-41A-DETAILS.dgn	USER NAME = RNH	DESIGNED - JAH	REVISED -
		DRAWN - RNH	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HMA MOW STRIP
PROFILE DETAIL**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION		41A
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				



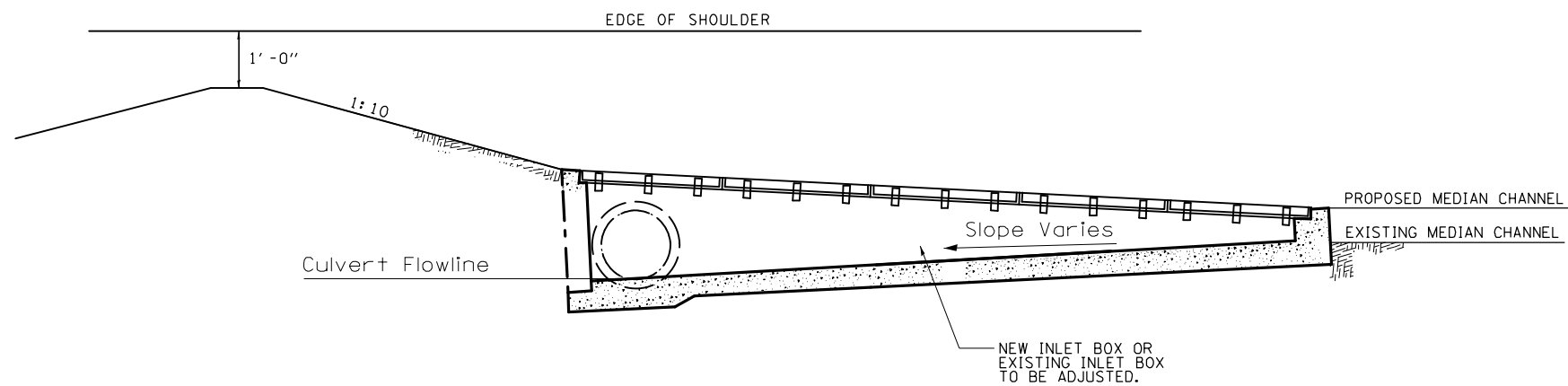
PLAN

NOTES:

THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING PIPE LENGTHS PRIOR TO ORDERING. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING COMPATIBILITY OF PIPE JOINING (EXISTING BELL AND SPIGOT DIMENSIONS). AN ADDITIONAL CONCRETE COLLAR MAY BE REQUIRED. IF REQUIRED, CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD FOR CONCRETE COLLARS, INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

THE CONTRACTOR SHALL INSURE EXISTING INLET AND PIPE CULVERT ARE NOT DAMAGED DURING CONSTRUCTION. ANY DAMAGE DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE TO THE SATISFACTION OF THE ENGINEER, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DETAILS NOT SHOWN SHALL BE PER STANDARD 542531.



SECTION A-A

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

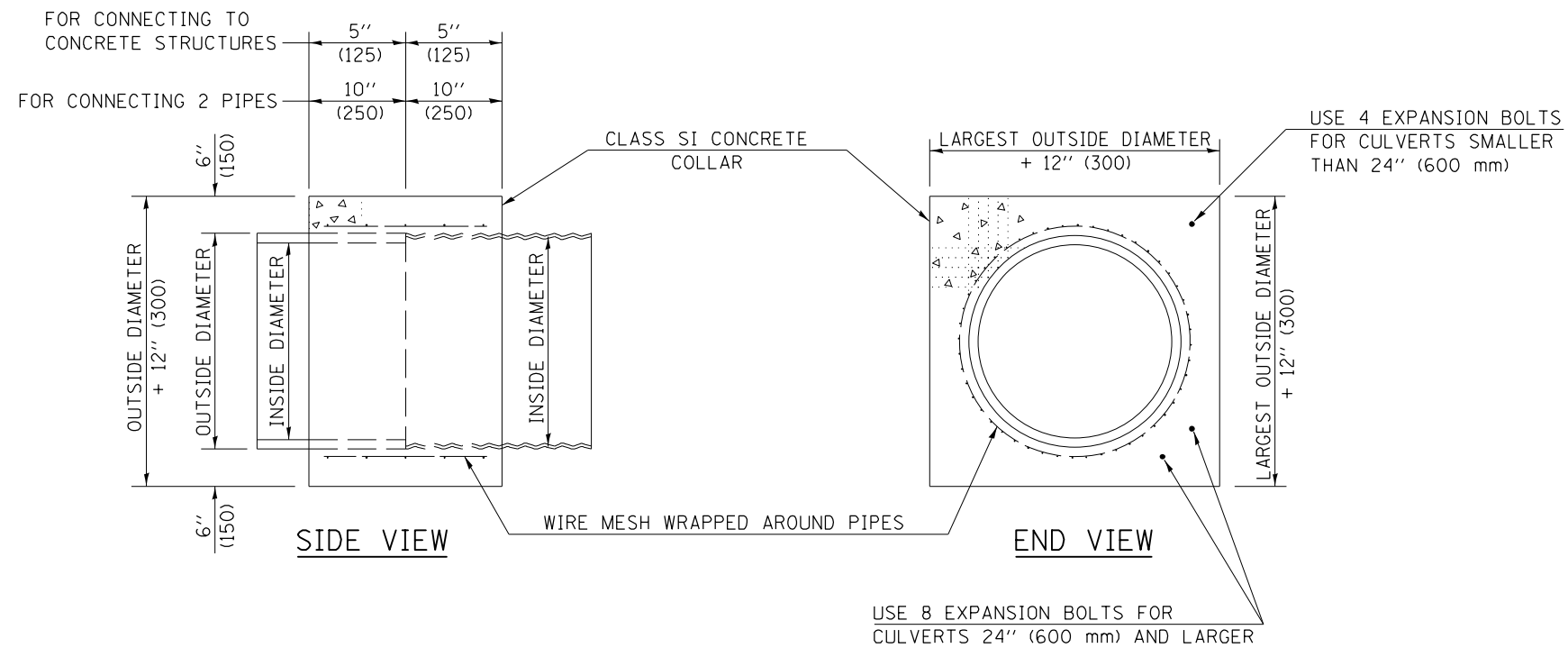
FILE NAME = D570967-xxx-DETSHT1.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INLET BOX TYPE 24 G (STD. 542531) TYPICAL INSTALLATION DETAIL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	42
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

DISTRICT 5 DETAIL NO. 54248510

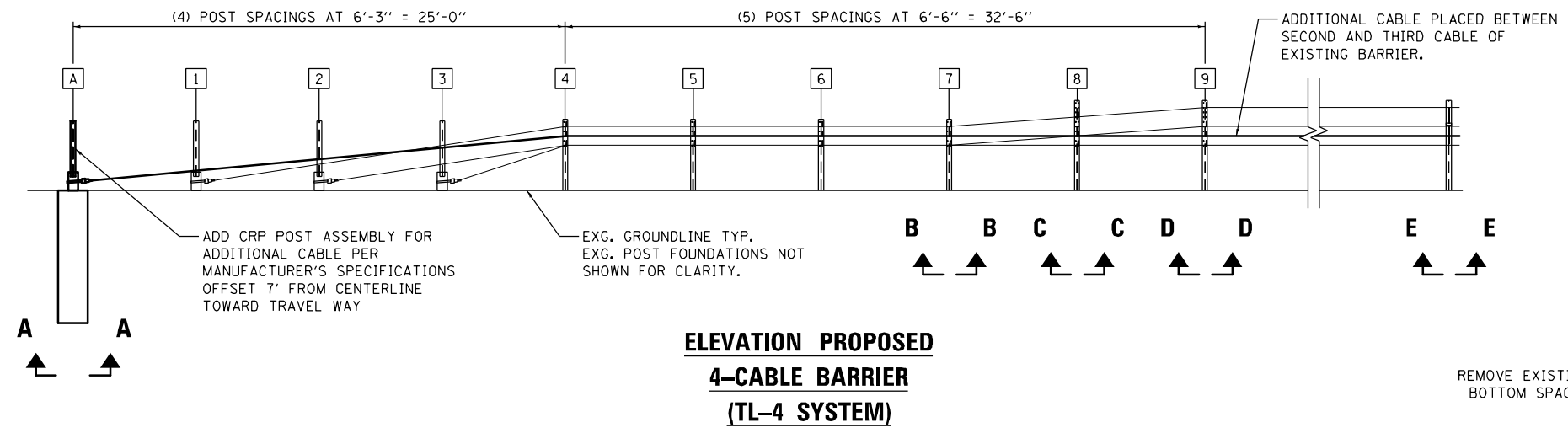
FILE NAME = D570967-xxx-DETSHT1.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONCRETE COLLAR

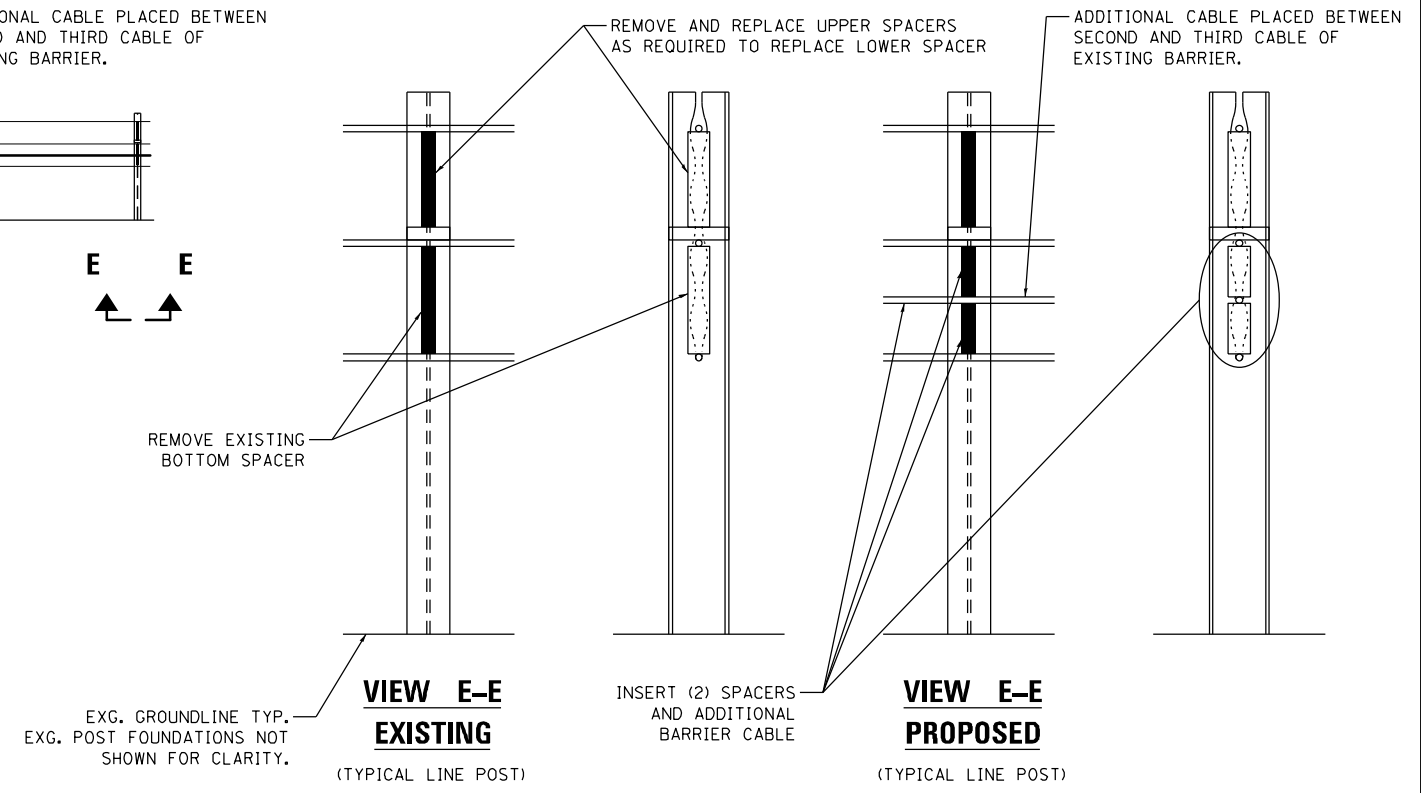
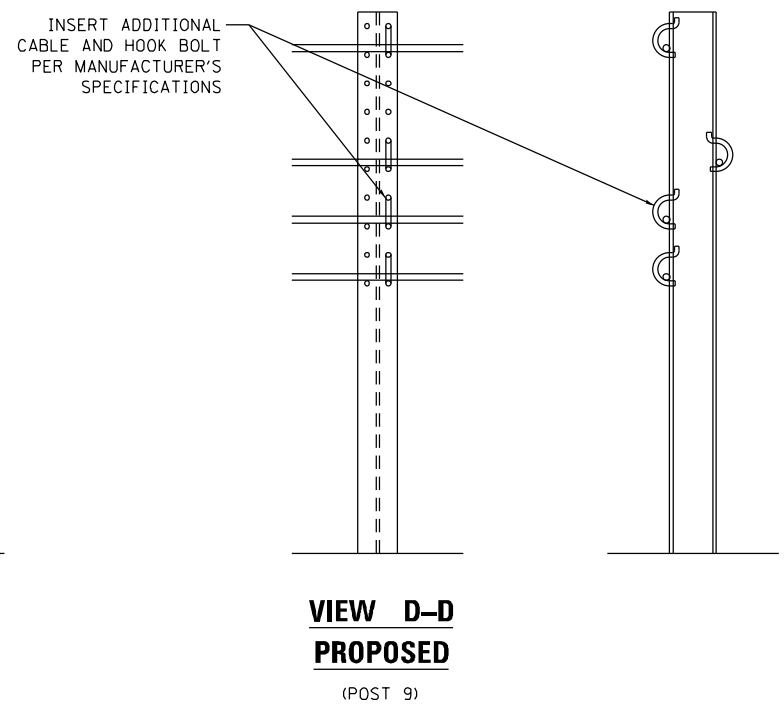
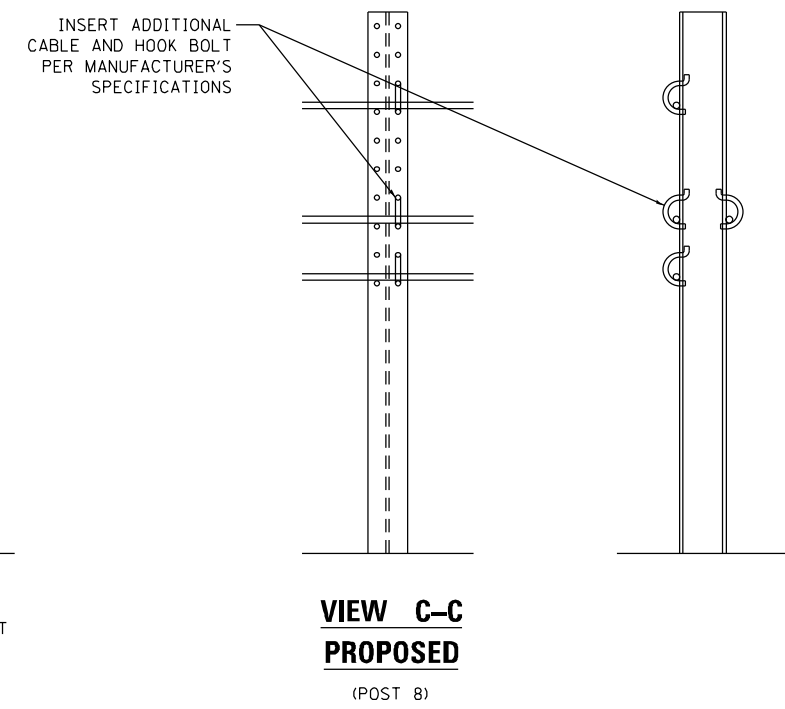
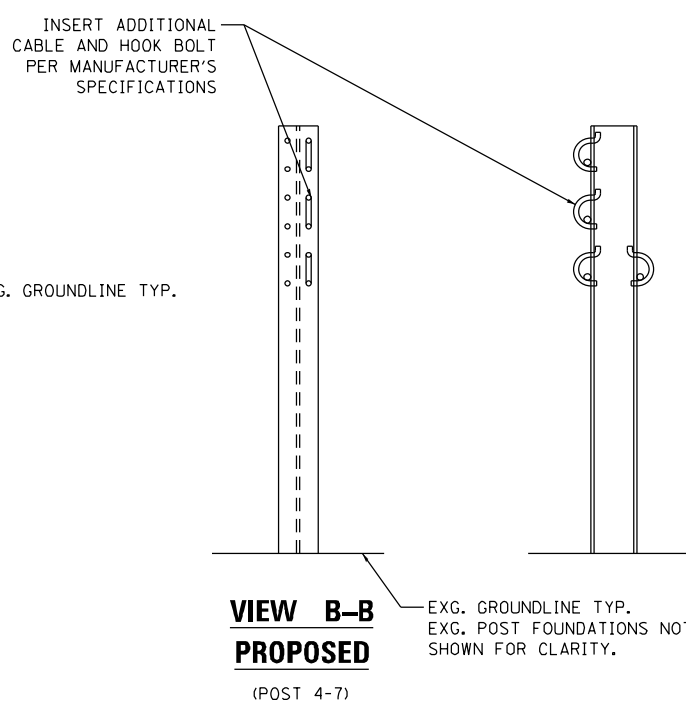
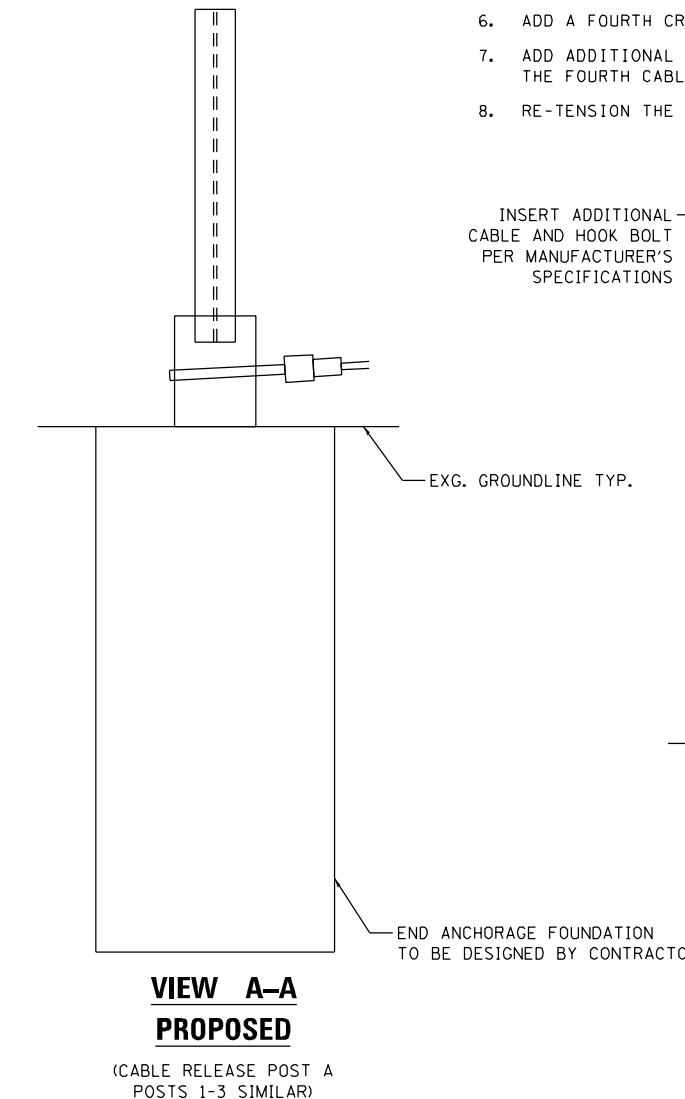
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	43
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				



NOTES:

1. INSPECT EXISTING SYSTEM FOR DAMAGED MATERIAL IN COORDINATION WITH RESIDENT ENGINEER. REQUIRED REPAIRS SHALL BE AUTHORIZED BY THE RESIDENT ENGINEER AND BASIS OF PAYMENT SHALL BE PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. DE-TENSION THE EXISTING SYSTEM.
3. REMOVE UPPER AND LOWER SPACERS AT EACH POST.
4. REPLACE LOWER TL-4 SPACER WITH (2) TL-3 SPACERS.
5. ADD A FOURTH CABLE BETWEEN THE (2) TL-3 SPACERS.
6. ADD A FOURTH CRP POST (UPPER AND LOWER WITH ASSOCIATED HARDWARE).
7. ADD ADDITIONAL HOOK BOLT AND NUT FOR CCT POSTS 4-9 TO ACCOMMODATE THE FOURTH CABLE
8. RE-TENSION THE SYSTEM AFTER ALL WORK INCLUDING ANY REPAIRS IS COMPLETE.



NOTE: SEE MANUFACTURER'S SPECIFICATIONS FOR FURTHER INFORMATION AND ADDITIONAL DETAILS.

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FILE NAME = D570967-xxx-DETSHT1.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -
		DRAWN - JLM	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

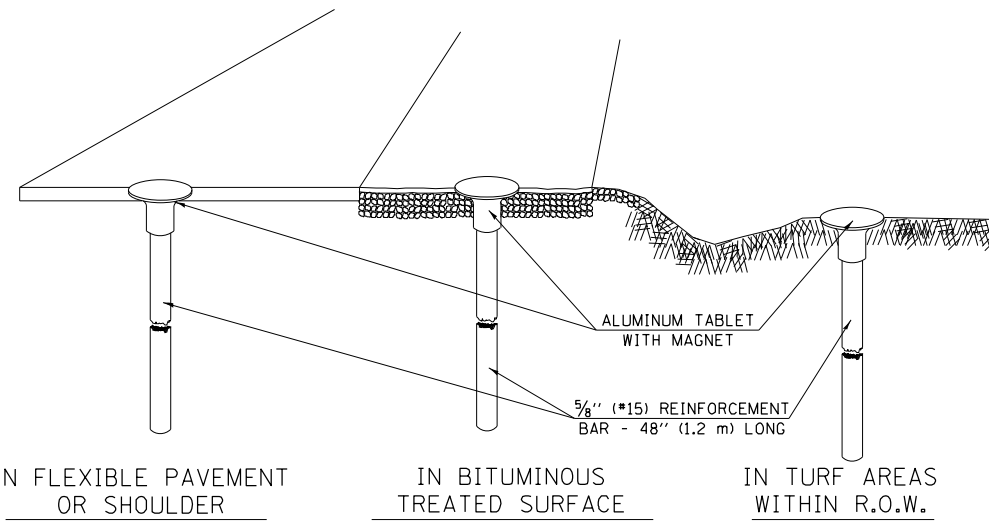
REPAIR HIGH TENSION CABLE (TRINITY)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 1509+30.67 TO STA. 1573+23.67

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	44
CONTRACT NO. 70967				
ILLINOIS FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

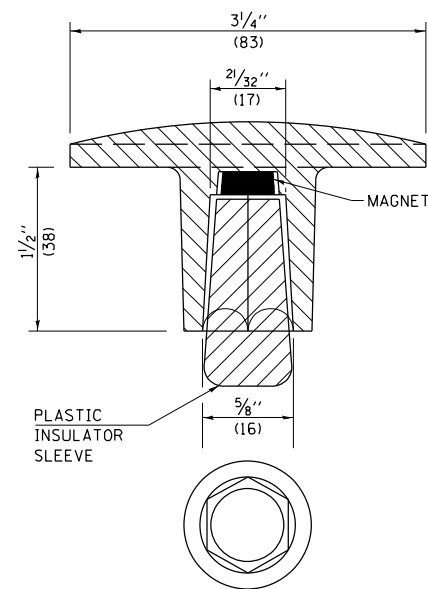
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

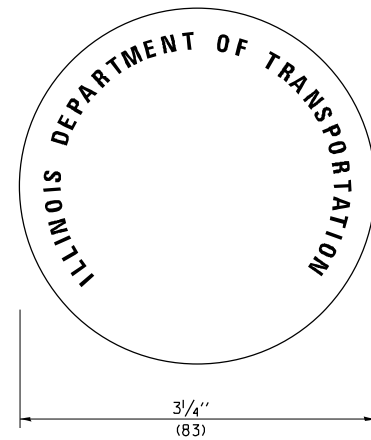
SURVEY CAP FOR REBAR. $3/4$ " (83 mm) CONVEX SURVEY CAP FOR $5/8$ " (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF $1/32$ " (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM $1/2$ " (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATIONS FOR REBAR

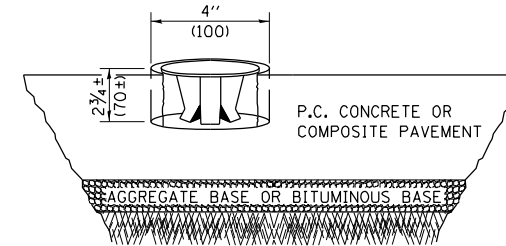
REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE $5/8$ " (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR $5/8$ " (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.



XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

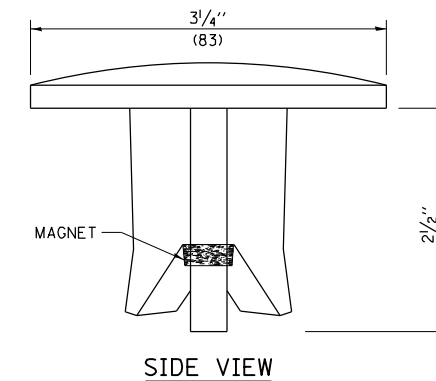
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



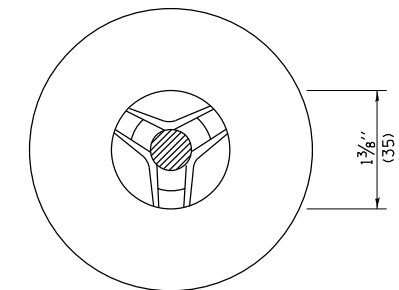
SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE $3/4$ " (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF $1/32$ " (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A $2 1/2$ " (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

DISTRICT 5 DETAIL NO. XZ193AAA

FILE NAME = D570967-xxx-DETSHT1.dgn	USER NAME = JLM	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS, TYPE 1 & 2 (SPECIAL)			F.A.I. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JLM	REVISED -		74	MEDIAN CABLE 2012-2	VERMILION	120	45			
		CHECKED - TMM	REVISED -		CONTRACT NO. 70967							
		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

SOIL BORING LOG

ROUTE FAI 74 DESCRIPTION HTCMB at Oakwood LOGGED BY RRW
 SECTION _____ LOCATION SEC. , TWP. 19N, RNG. 12W-13W, 3rd PM GPS:
 COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tst)	M O I S T (%)	Surface Water Elev.
					ft
BORING NO. <u>17 HTCMB</u> Station <u>1509+25</u> Offset <u>8.0 ft Rt. of Med. CL</u> Ground Surface Elev. <u>646.2</u> ft					Stream Bed Elev. _____ ft
					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft
Brown Sandy Clay Loam		3			
		3	4.4	18	
		5	S		
643.2					
Brown Mottled Silty Clay Loam		2			
		3	3.3	19	
		4	B		
640.2					
Dark Gray Sandy Clay Loam		2			
		3	2.1	23	
		5	B		
637.7					
Brown/Gray Sandy Clay Loam		1			
		2	1.6	22	
		2	B		
		1			
		1	1.0	18	
		2	B		
		1			
		3	1.4	14	
		4	B		
631.2					
End of Boring					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
 The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAI 74 DESCRIPTION I-74 @ Oakwood from C.H. 10 to Kickapoo Road Overpass LOGGED BY RRW
 SECTION HTCG - Oakwood LOCATION SEC. , TWP. 19N, RNG. 12W-13W, 3rd PM
 COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tst)	M O I S T (%)	Surface Water Elev.
					ft
BORING NO. <u>5 HTCMB</u> Station <u>1574+00</u> Offset <u>11.0 ft Rt.</u> Ground Surface Elev. <u>642.0</u> ft					Stream Bed Elev. _____ ft
					Groundwater Elev.: First Encounter <u>632.0</u> ft ▼ Upon Completion _____ ft After _____ Hrs. _____ ft
Grey/Black Topsoil		2	1.0	9	
		5	E		
		4			
		4	1.5	15	
		4	E		
638.0					
Grey Mottled Silty Clay Loam		2	1.2	23	
		2	B		
		1			
		1	0.3	25	
		1	E		
		1			
		3	1.2	13	
		4	B		
▼ -10					
		2			
630.0					
Grey Sandy Clay Loam Till		3	1.0	12	
		3	E		
		3			
		6	2.5	11	
		9	B		
627.0					
End of Boring					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
 The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

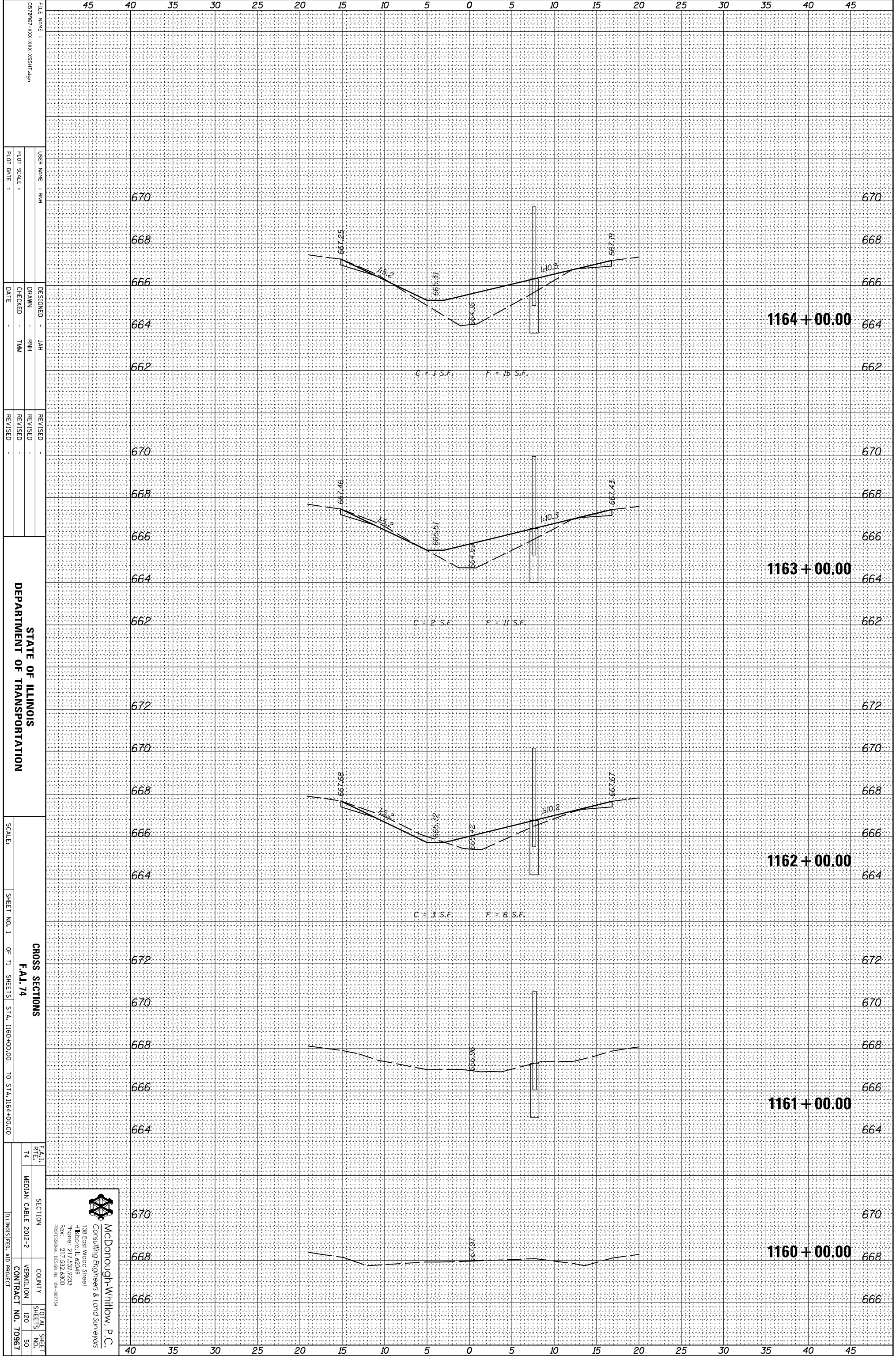
BBS, from 137 (Rev. 8-99)



FILE NAME = D570967-xxx-xxx-BORINGS.dgn	USER NAME = JLM	DESIGNED - DRAWN JLM	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SOIL BORING LOGS		F.A.I. RTE. 74	SECTION MEDIAN CABLE 2012-2	COUNTY VERMILION	TOTAL SHEETS 120	SHEET NO. 49
PLOT SCALE =	CHECKED TMM	REVISED -	REVISED -					SCALE: NONE	SHEET NO. 4 OF 4 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 70967	

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

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



FILE NAME = 0570967-XXX-XXX-XXX-SSHT-09
 USER NAME = RHM
 DESIGNER = JAH
 DRAWN = RHM
 CHECKED = TAM
 DATE =
 REVISED =
 REVISED =
 REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

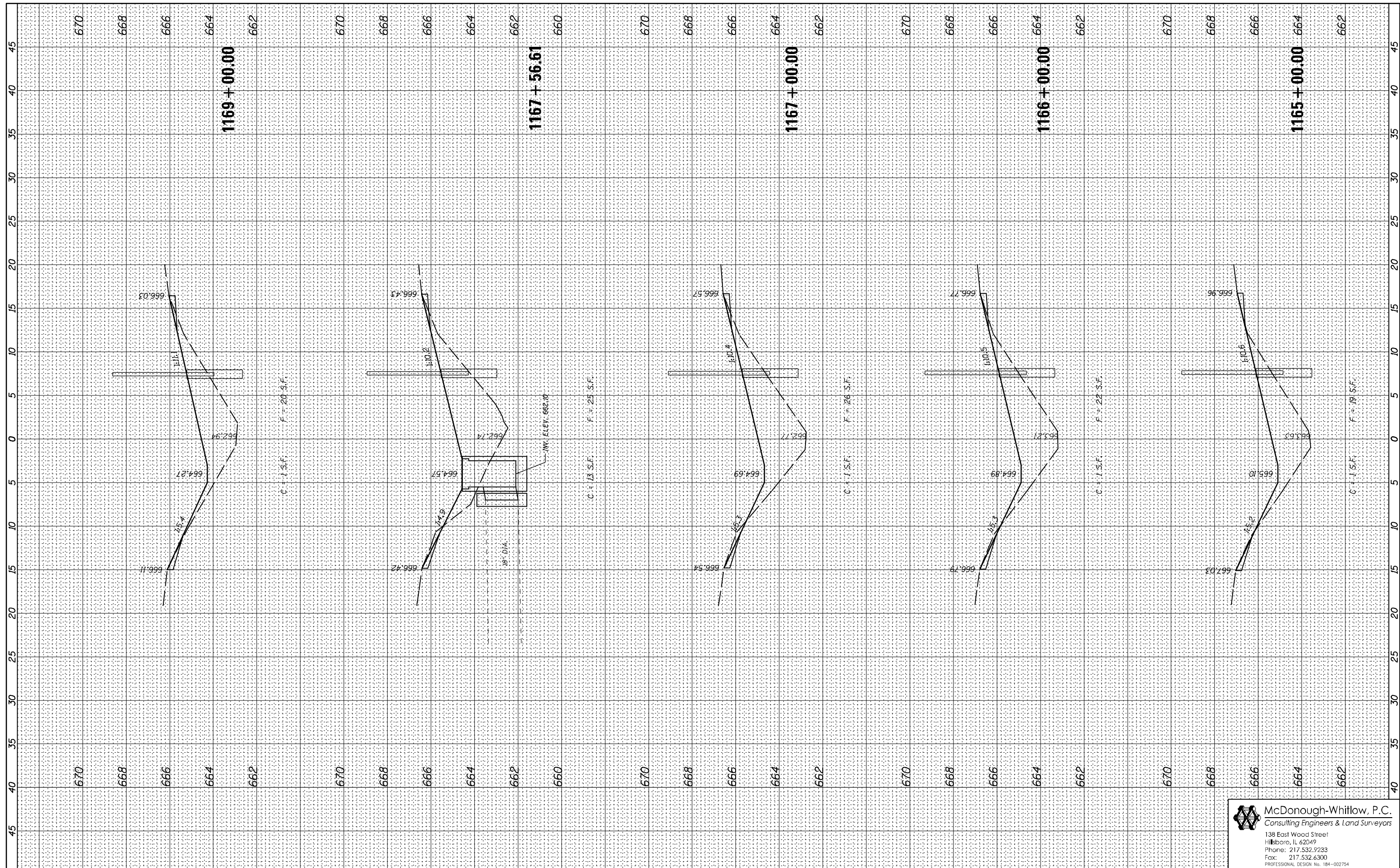
SCALE: SHEET NO. 1 OF 71 SHEETS STA. 1160+00.00 TO STA. 1164+00.00

CROSS SECTIONS
 F.A.I. 74
 SECTION
 COUNTY
 TOTAL SHEET SHEETS NO. 50
 CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hickory, IL 62549
 Phone: 217.532.7233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 194-002734

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE =

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE =

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 2 OF 71 SHEETS STA. 1165+00.00 TO STA. 1169+00.00

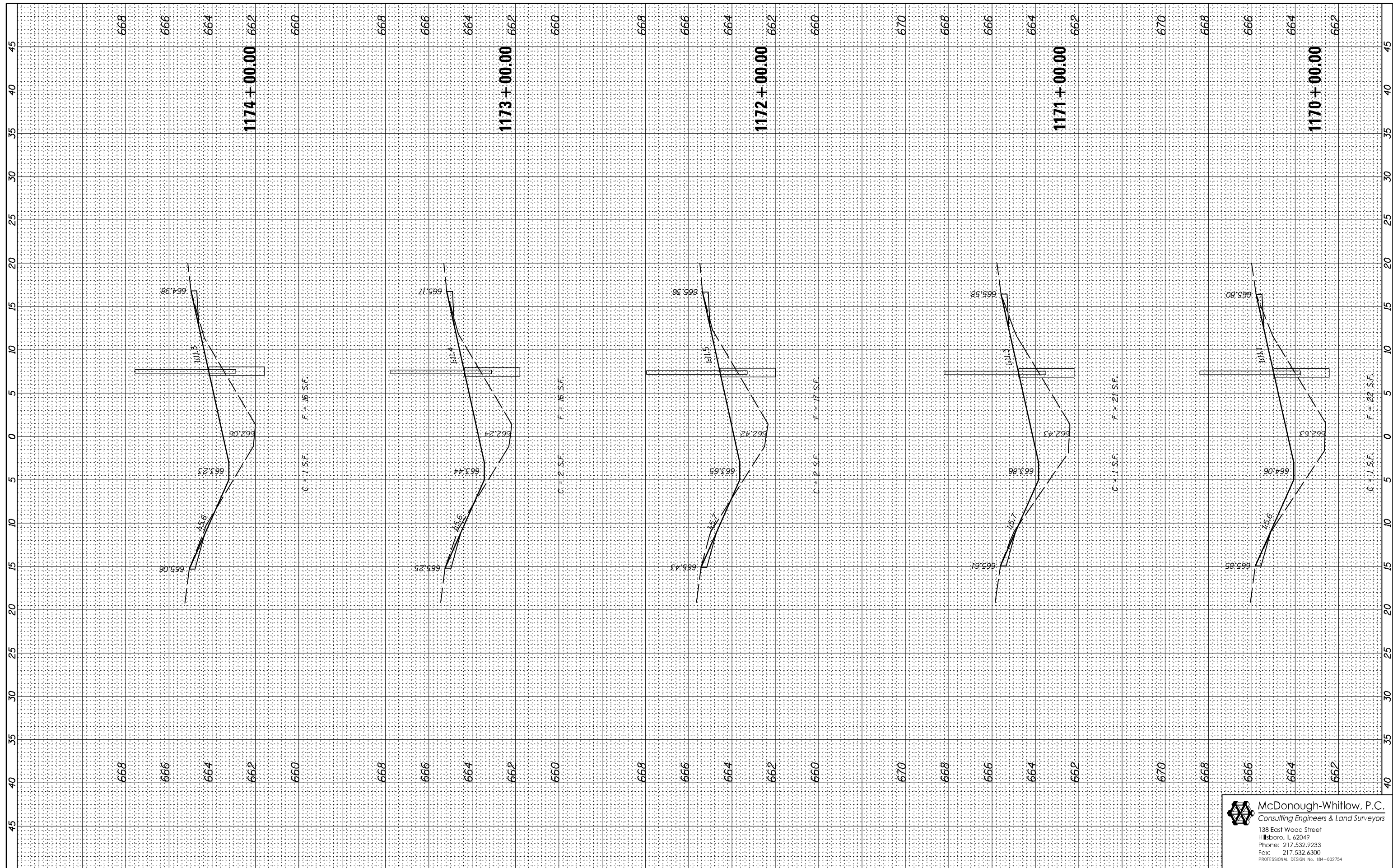
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	51
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 3 OF 71 SHEETS STA. 1170+00.00 TO STA. 1174+00.00

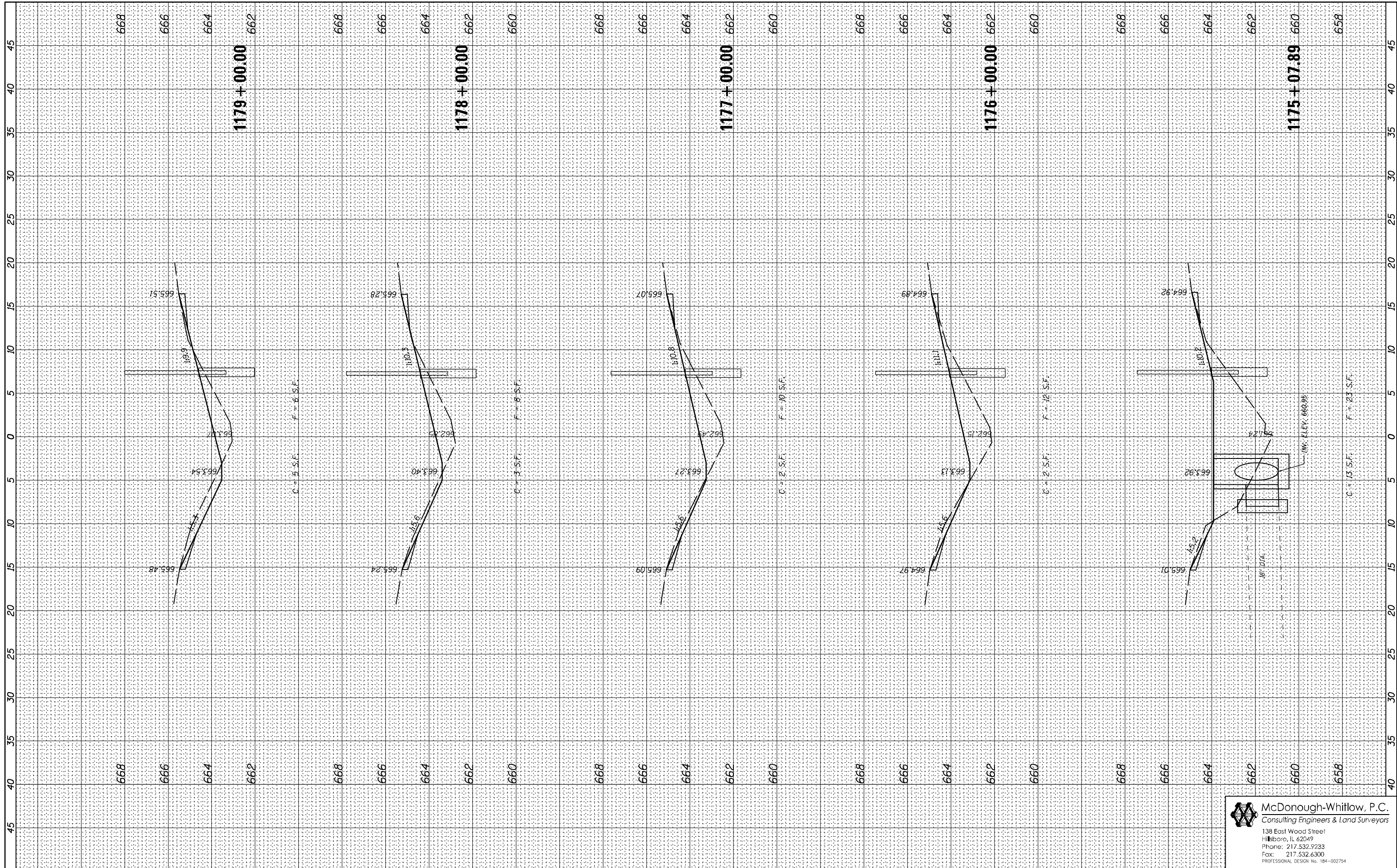
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	52

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

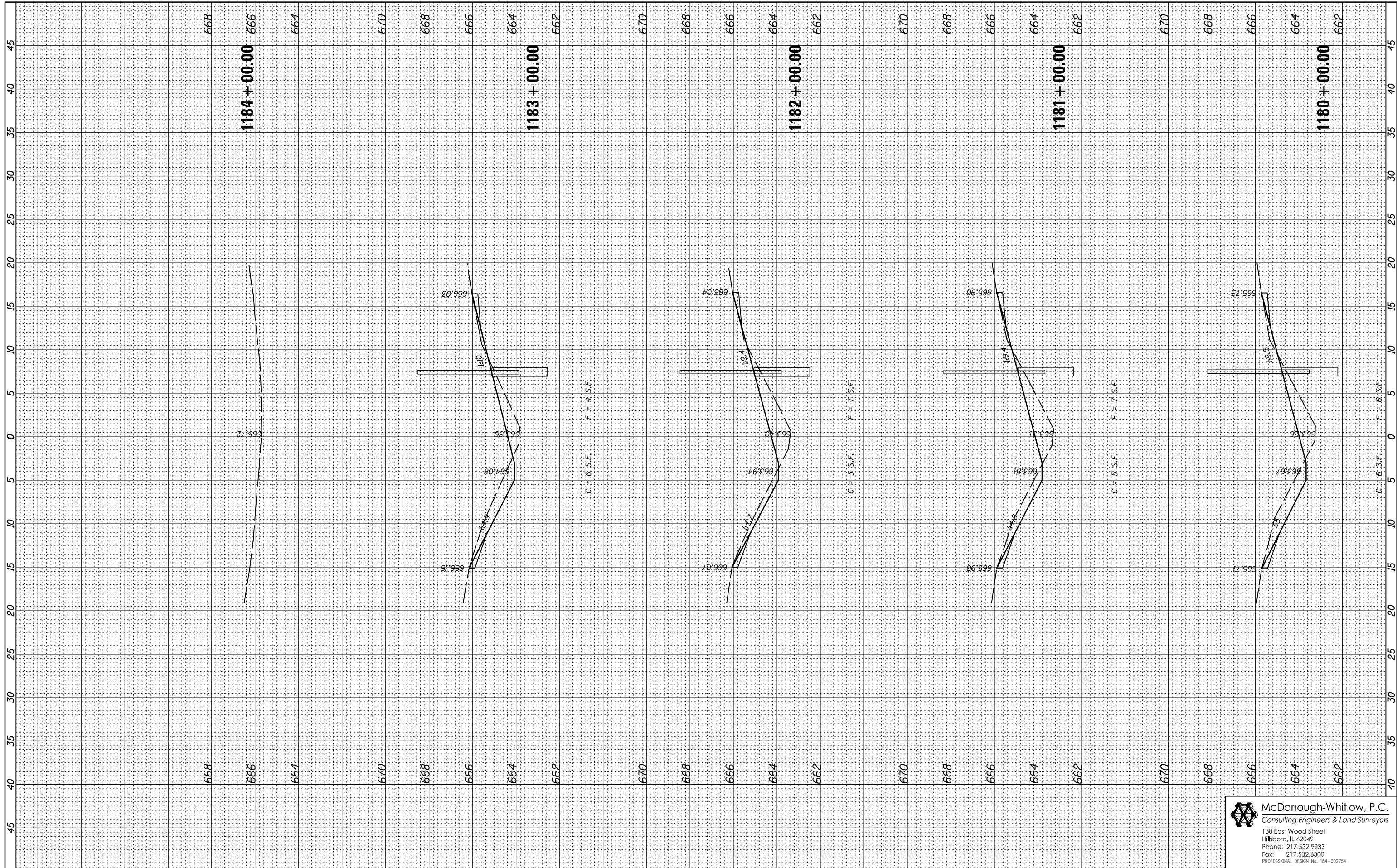
SCALE: SHEET NO. 4 OF 71 SHEETS STA. 1175+07.89 TO STA. 1179+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	53
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE =

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

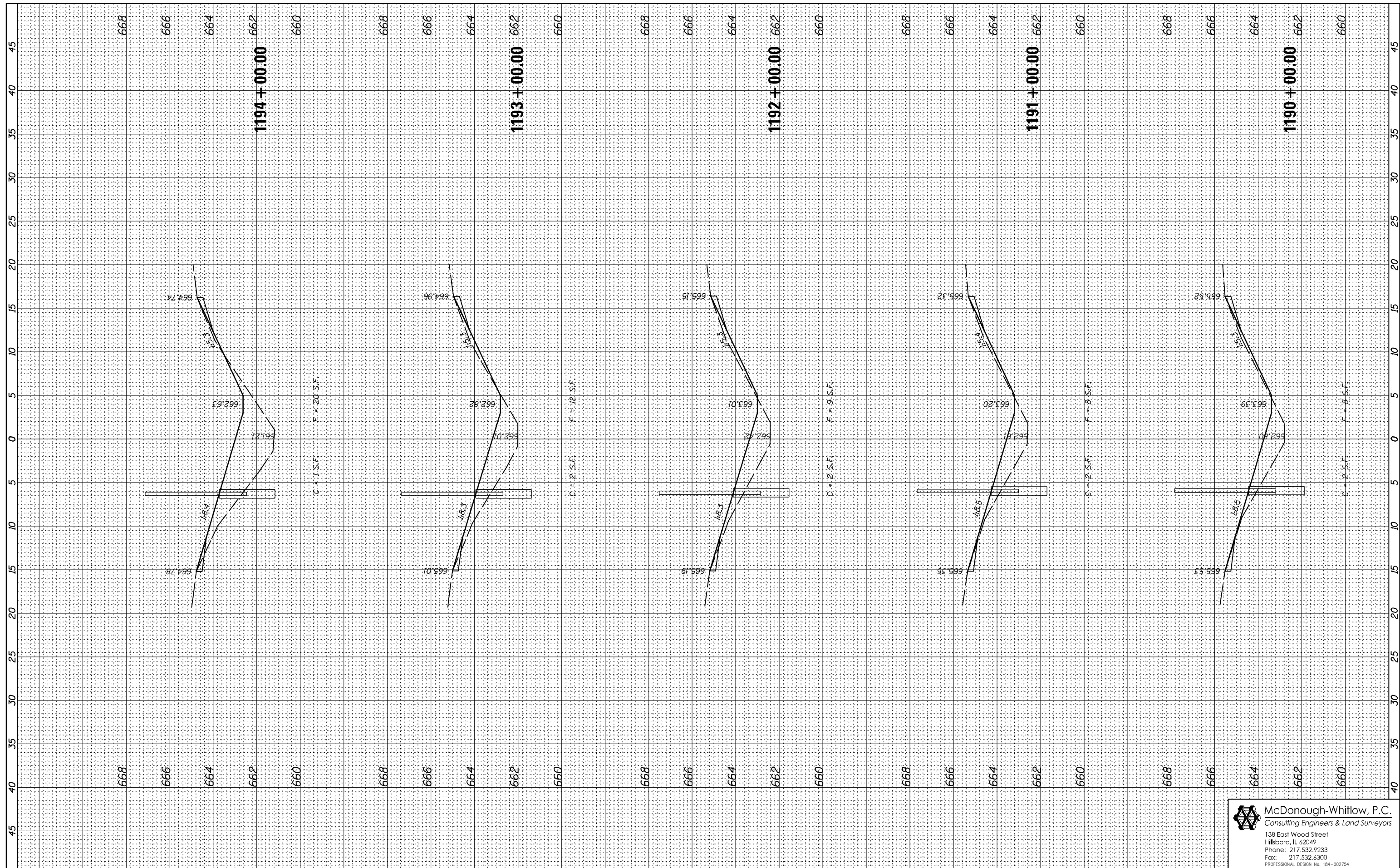
SCALE: SHEET NO. 5 OF 71 SHEETS STA. 1180+00.00 TO STA. 1184+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	54
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

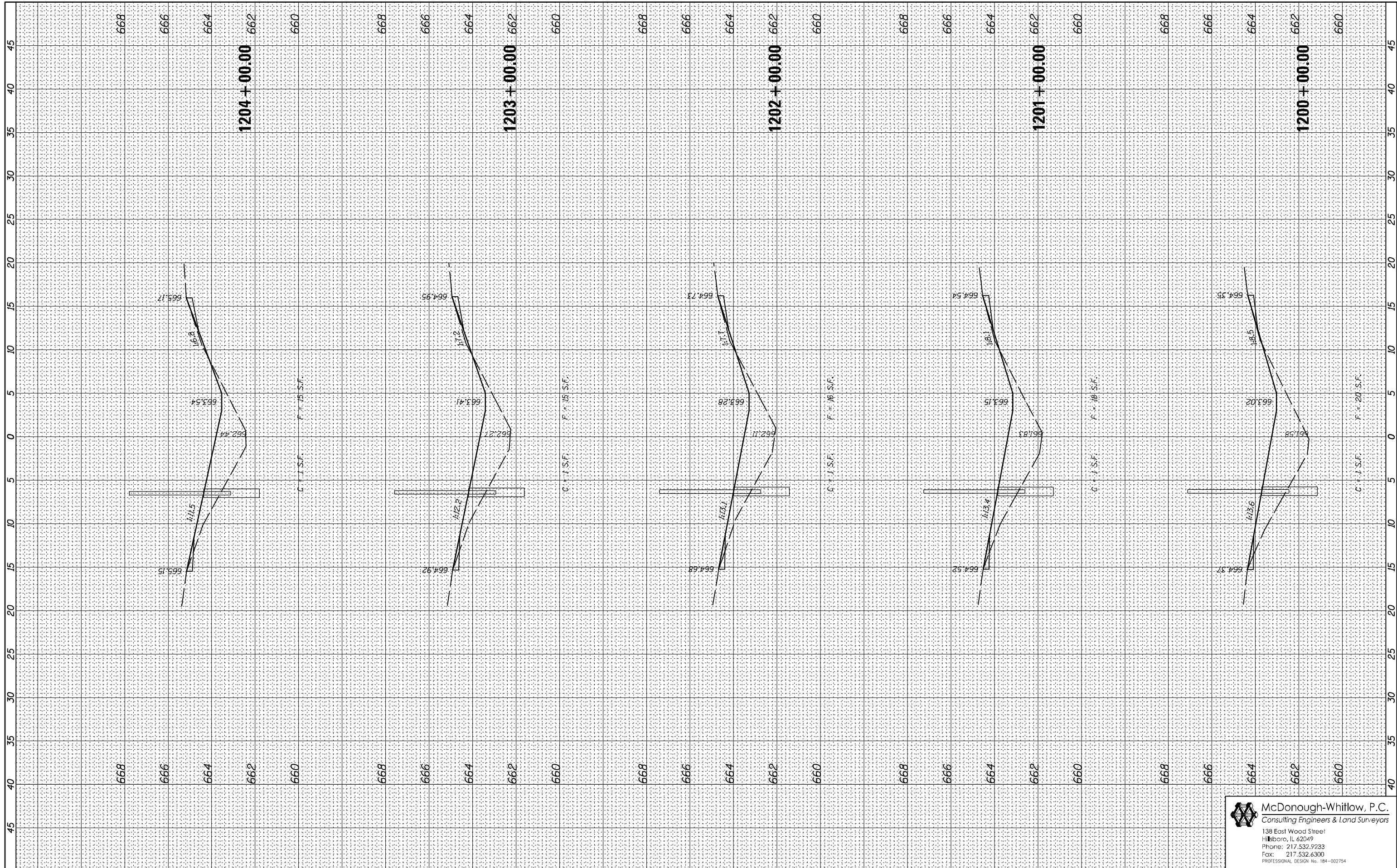
SCALE: SHEET NO. 7 OF 71 SHEETS STA. 1190+00.00 TO STA. 1194+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	56
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

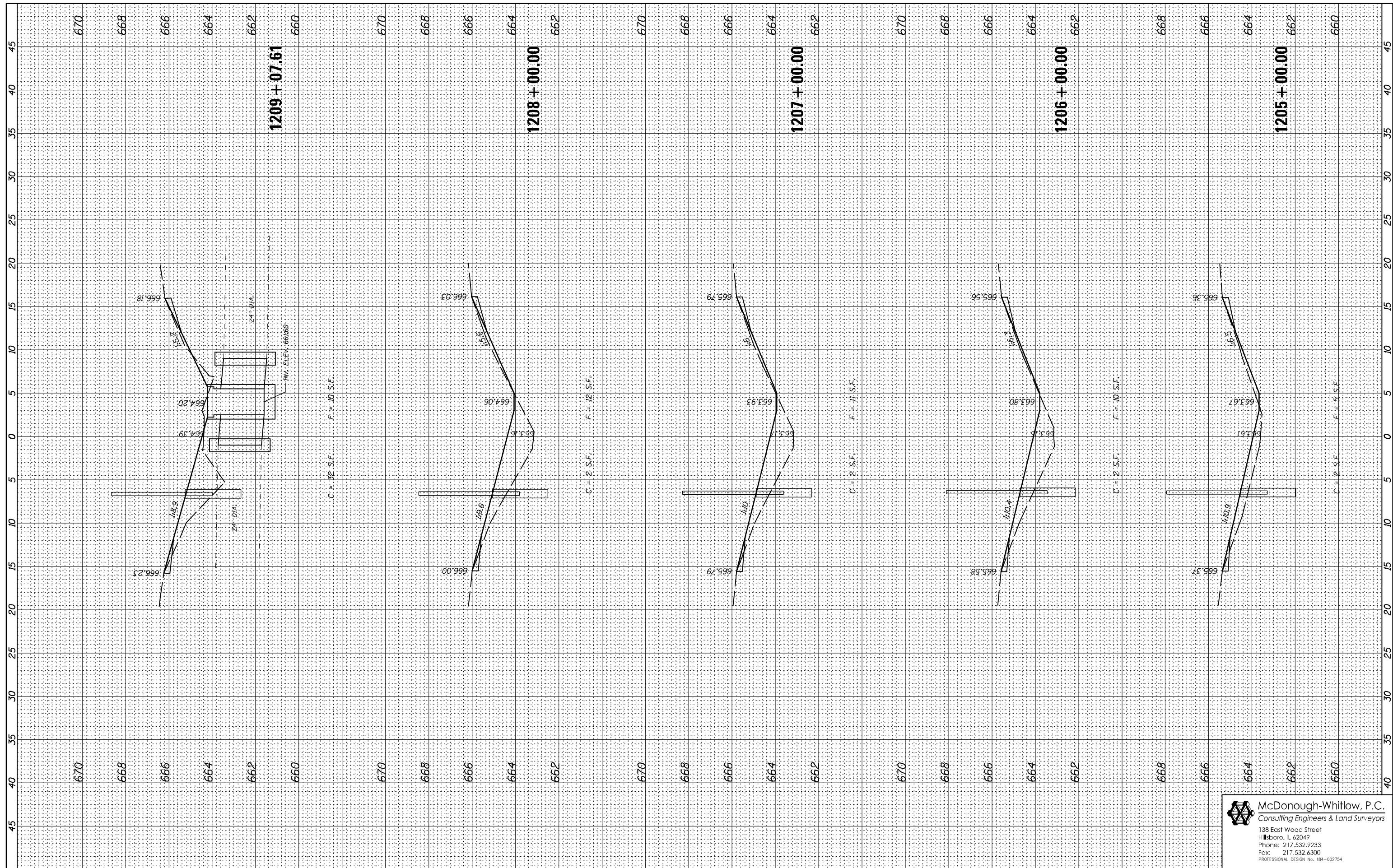
SCALE: SHEET NO. 9 OF 71 SHEETS STA. 1200+00.00 TO STA. 1204+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	58
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 10 OF 71 SHEETS STA. 1205+00.00 TO STA. 1209+07.61

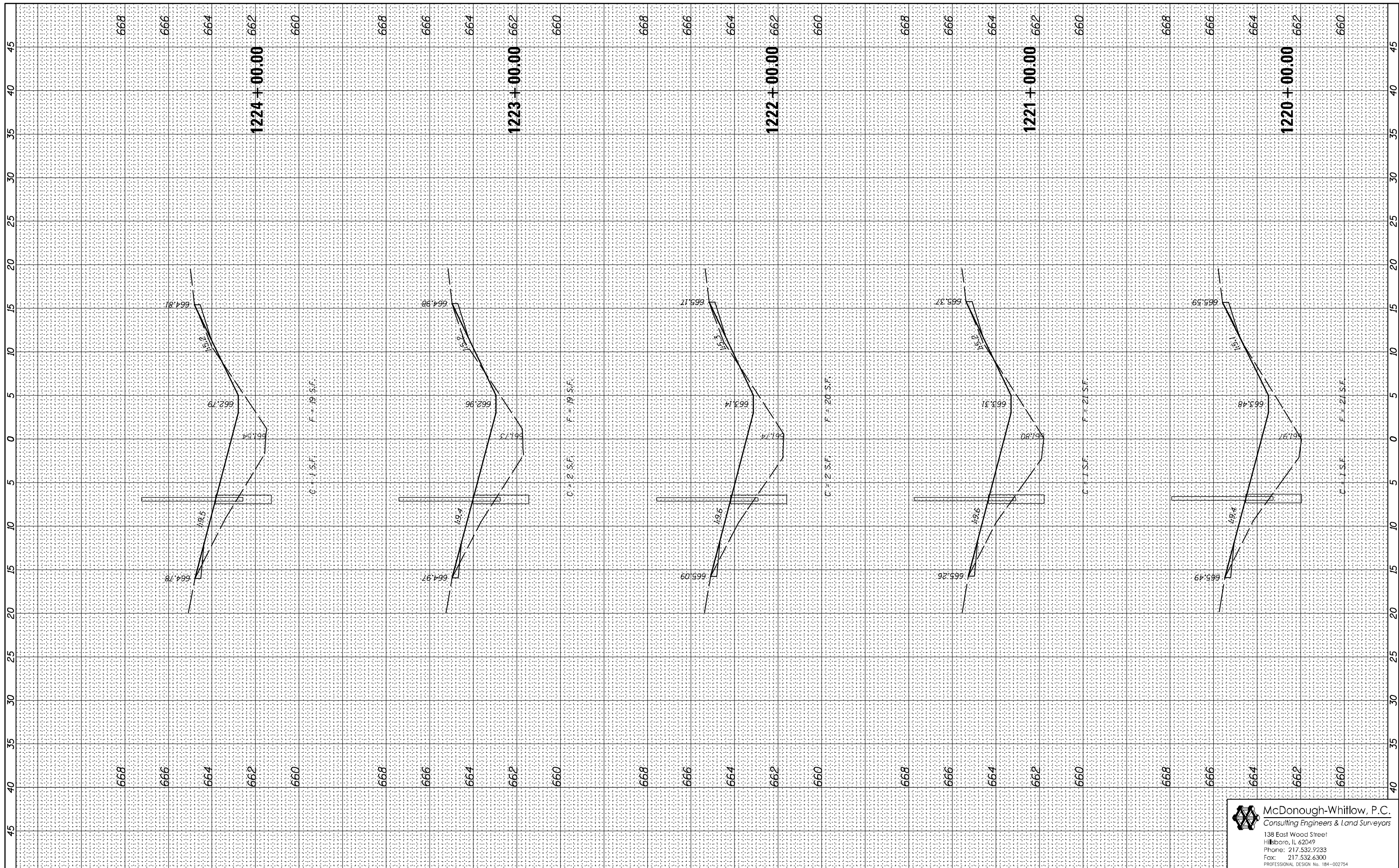
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	59
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS FED. AID PROJECT

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

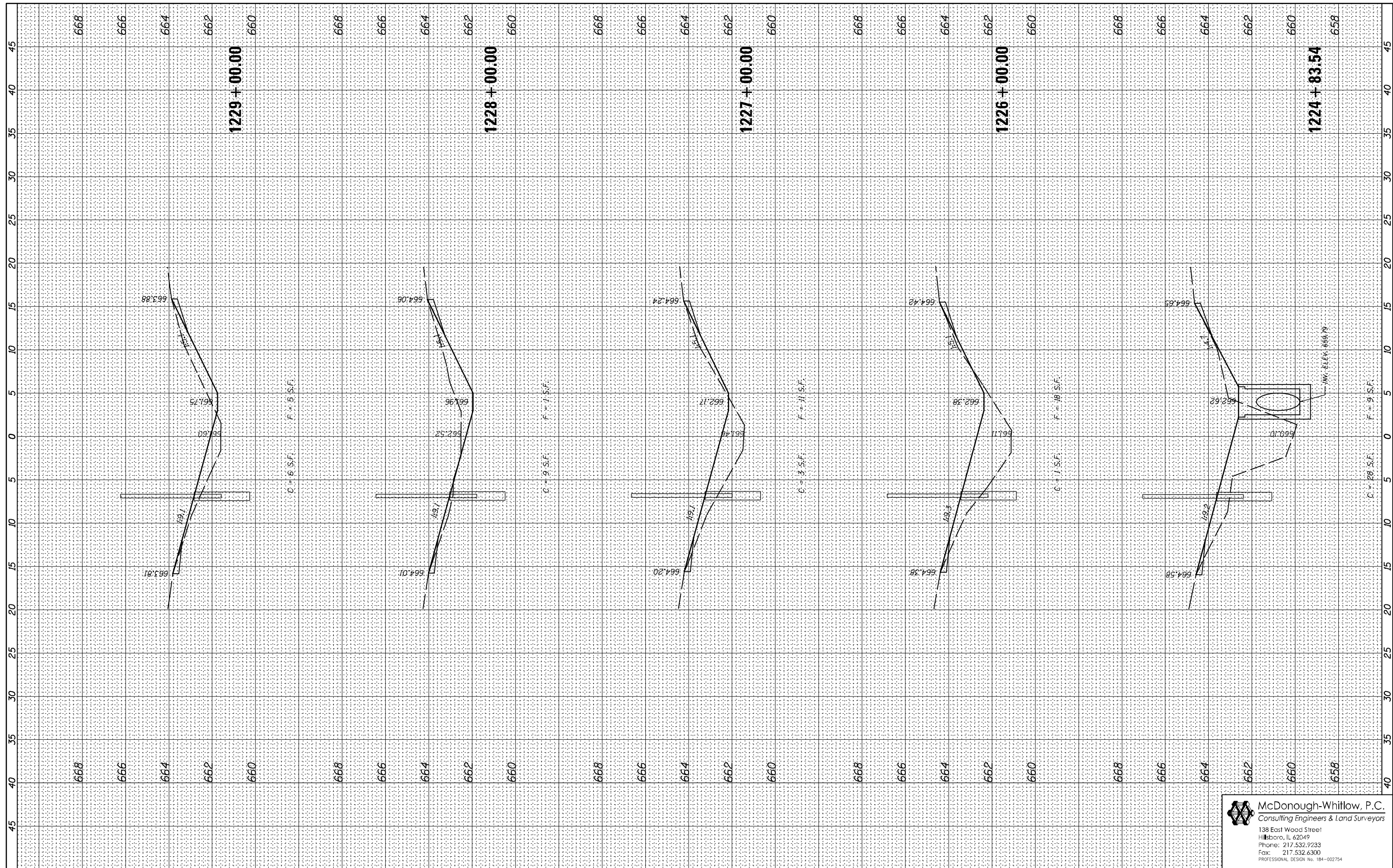
SCALE: SHEET NO. 13 OF 71 SHEETS STA. 1220+00.00 TO STA. 1224+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	62
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

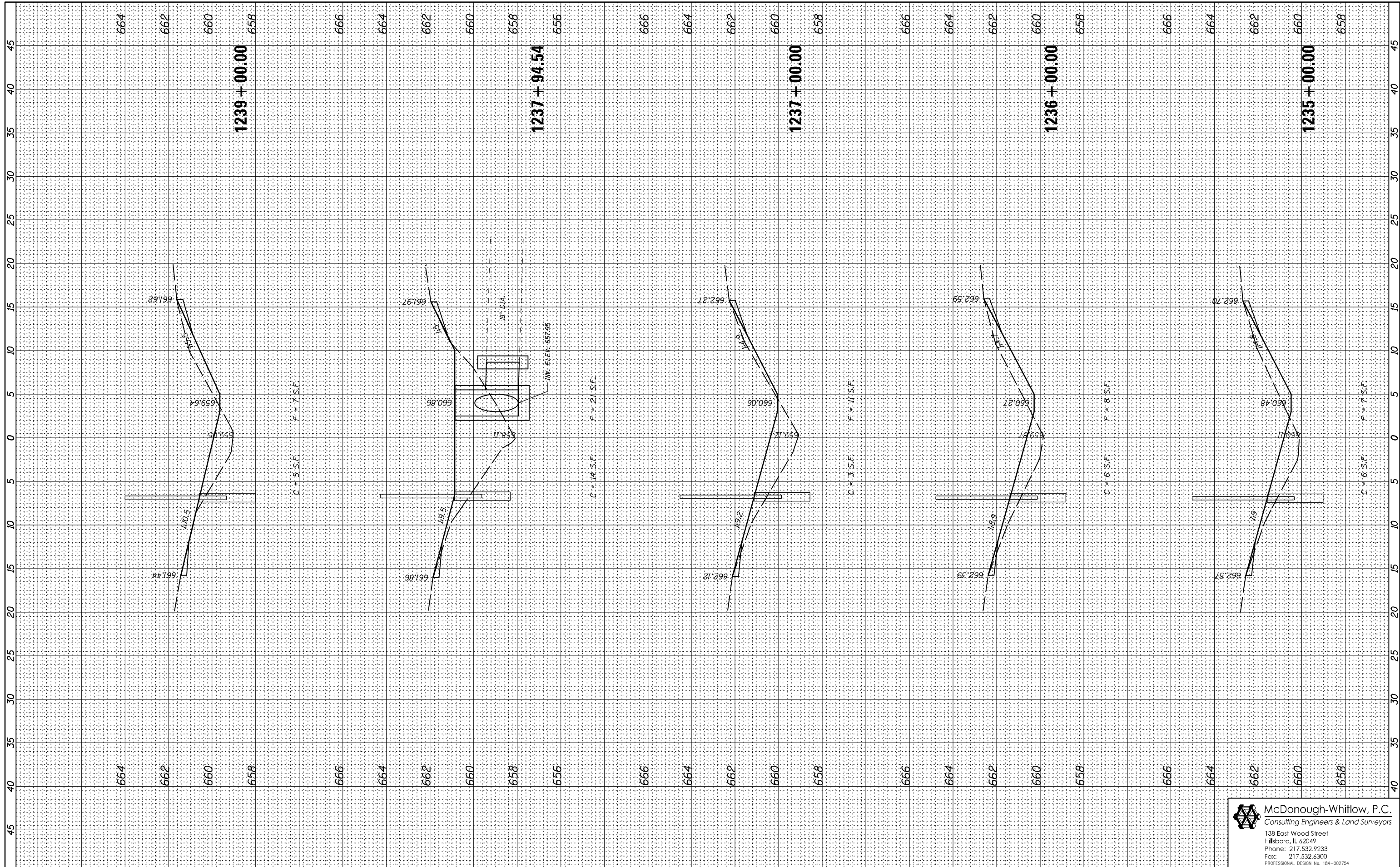
SCALE: SHEET NO. 14 OF 71 SHEETS STA. 1224+83.54 TO STA. 1229+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	63
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE =

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE =

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

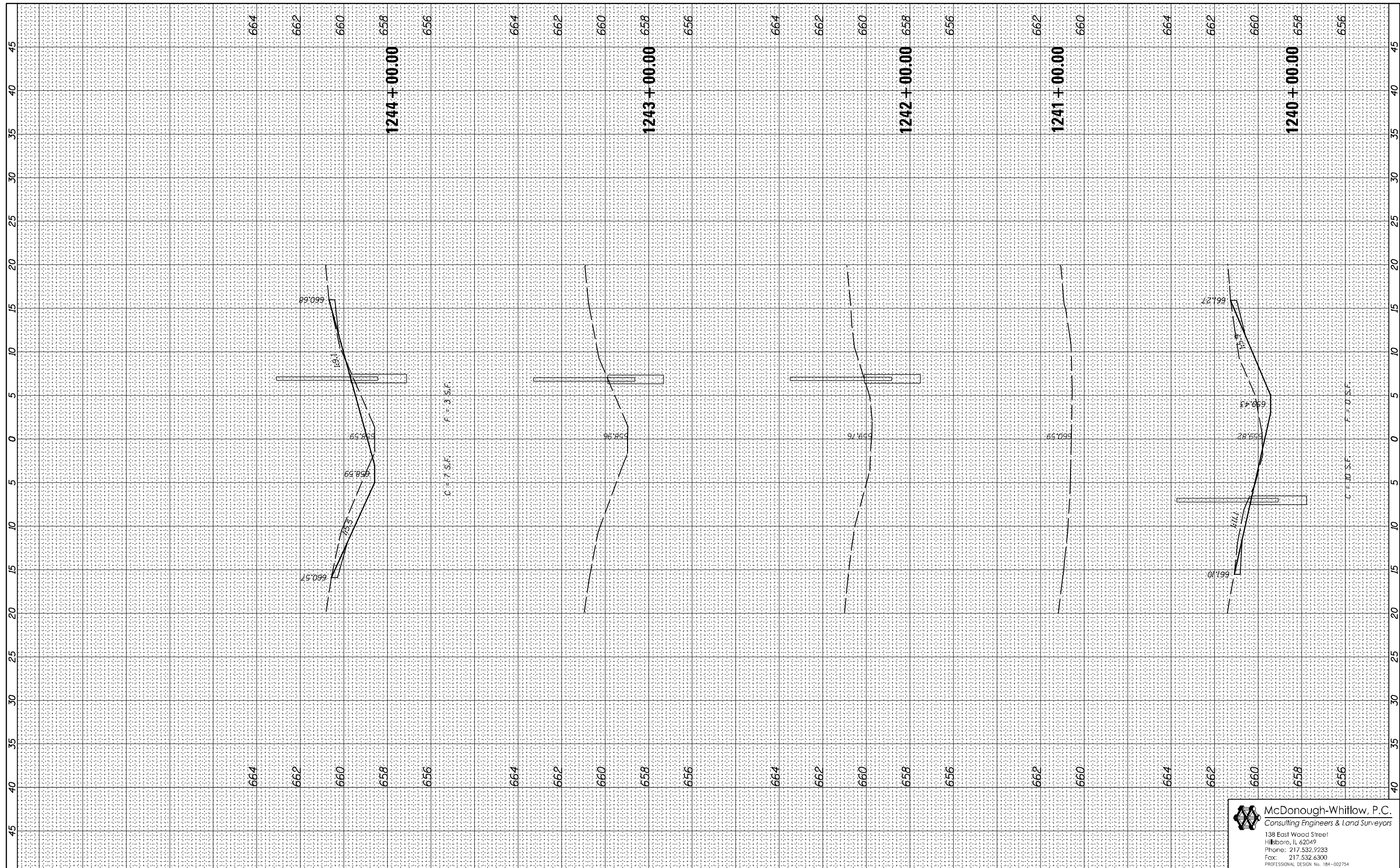
SCALE: SHEET NO. 16 OF 71 SHEETS STA. 1235+00.00 TO STA. 1239+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	65
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 17 OF 71 SHEETS STA. 1240+00.00 TO STA. 1244+00.00

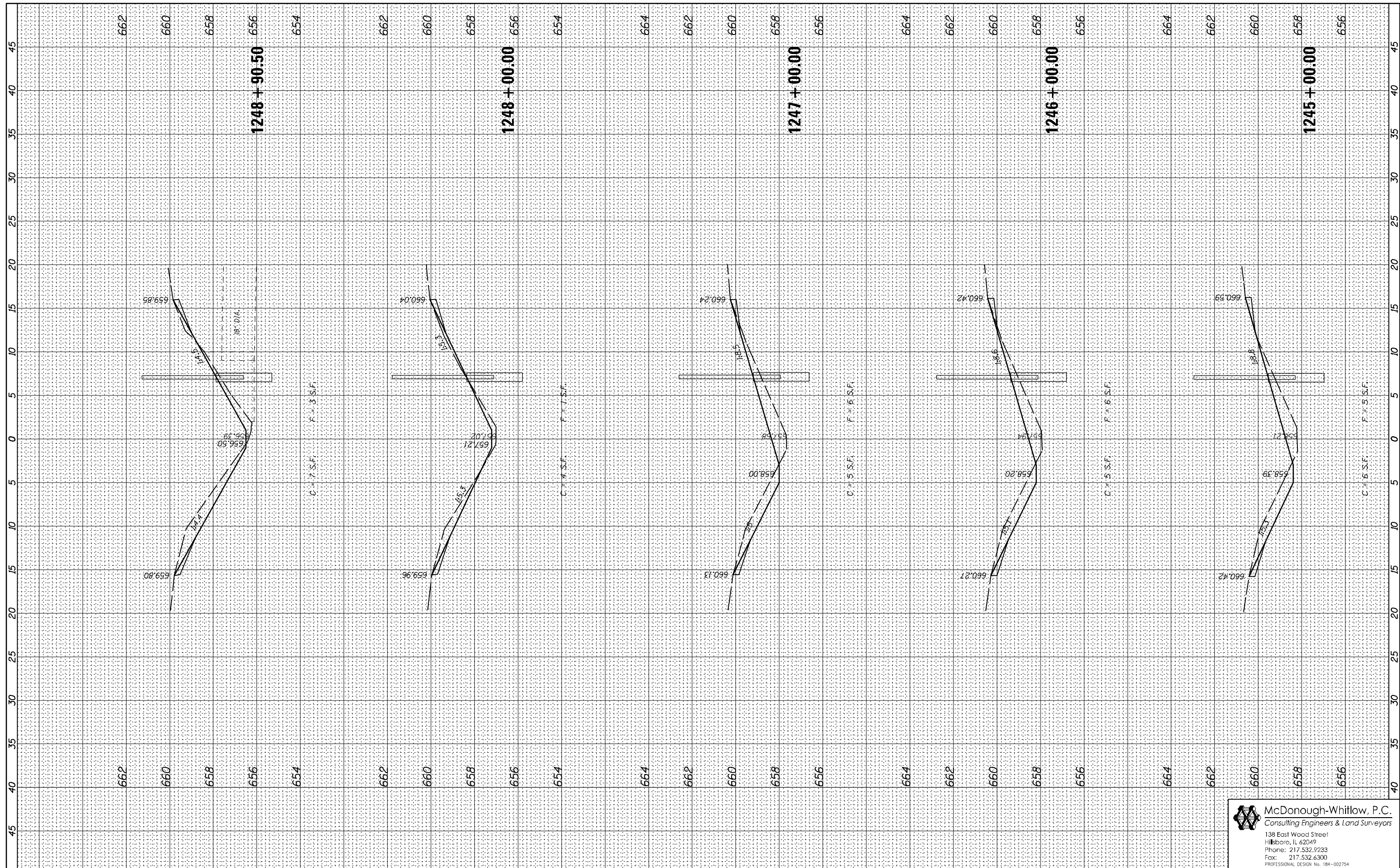
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	66

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE =	DRAWN - RNH	REVISED -
PLOT DATE	CHECKED - TMM	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

SCALE: SHEET NO. 18 OF 71 SHEETS STA. 1245+00.00 TO STA. 1248+90.50

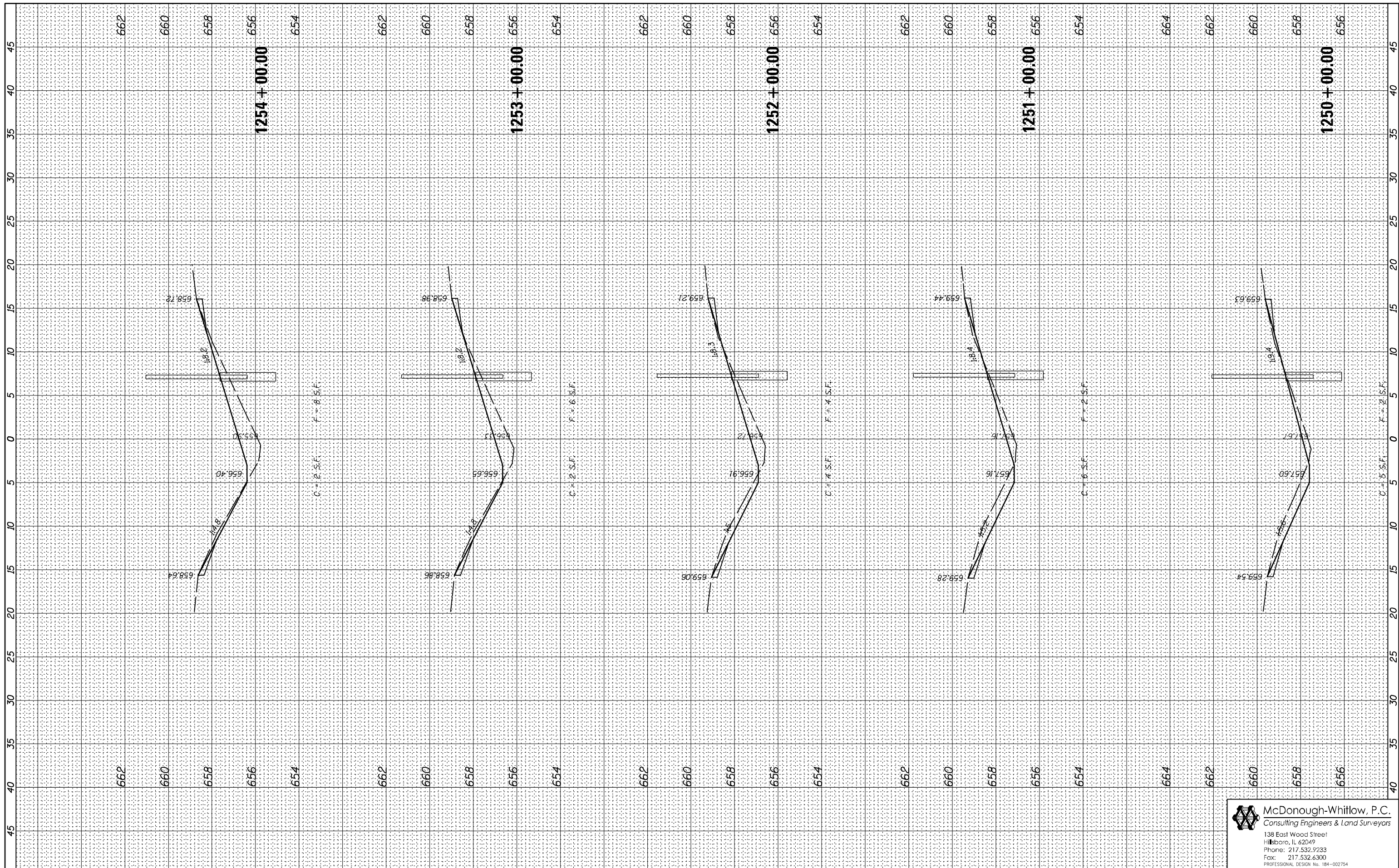
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	67
CONTRACT NO. 70967				

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS FED. AID PROJECT

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

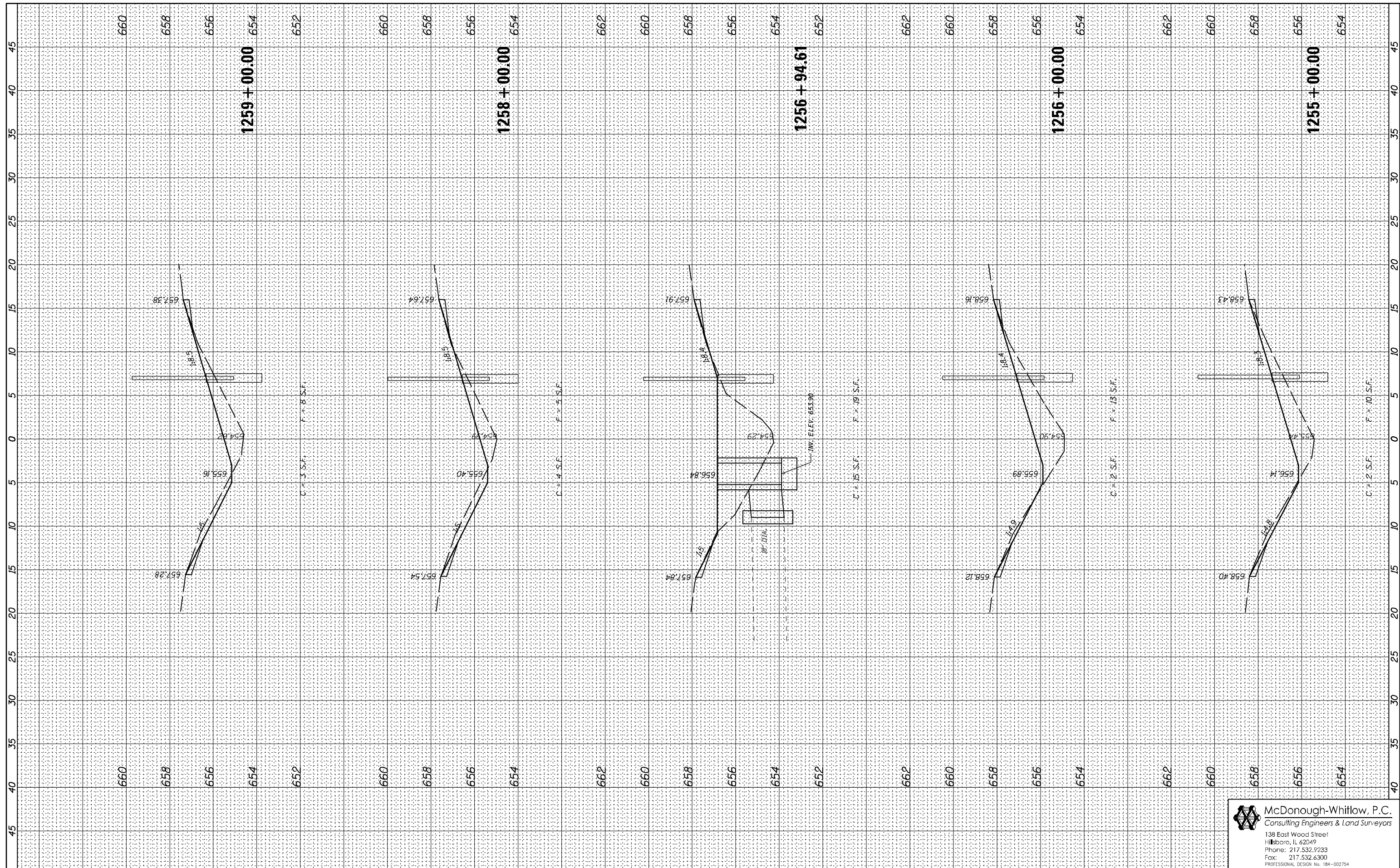
SCALE: SHEET NO. 19 OF 71 SHEETS STA. 1250+00.00 TO STA. 1254+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	68
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE =

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE =

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

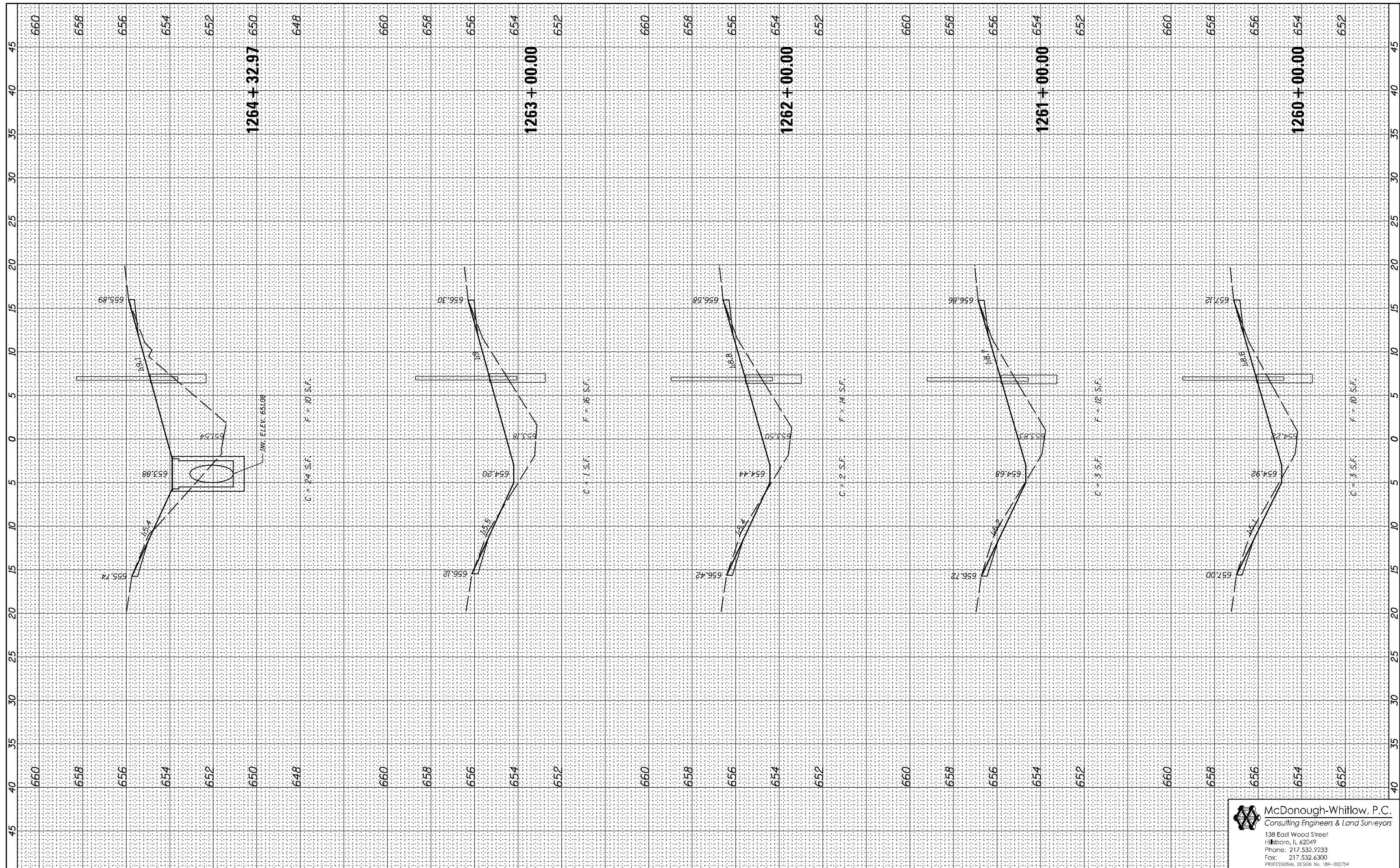
SCALE: SHEET NO. 20 OF 71 SHEETS STA. 1255+00.00 TO STA. 1259+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	69

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

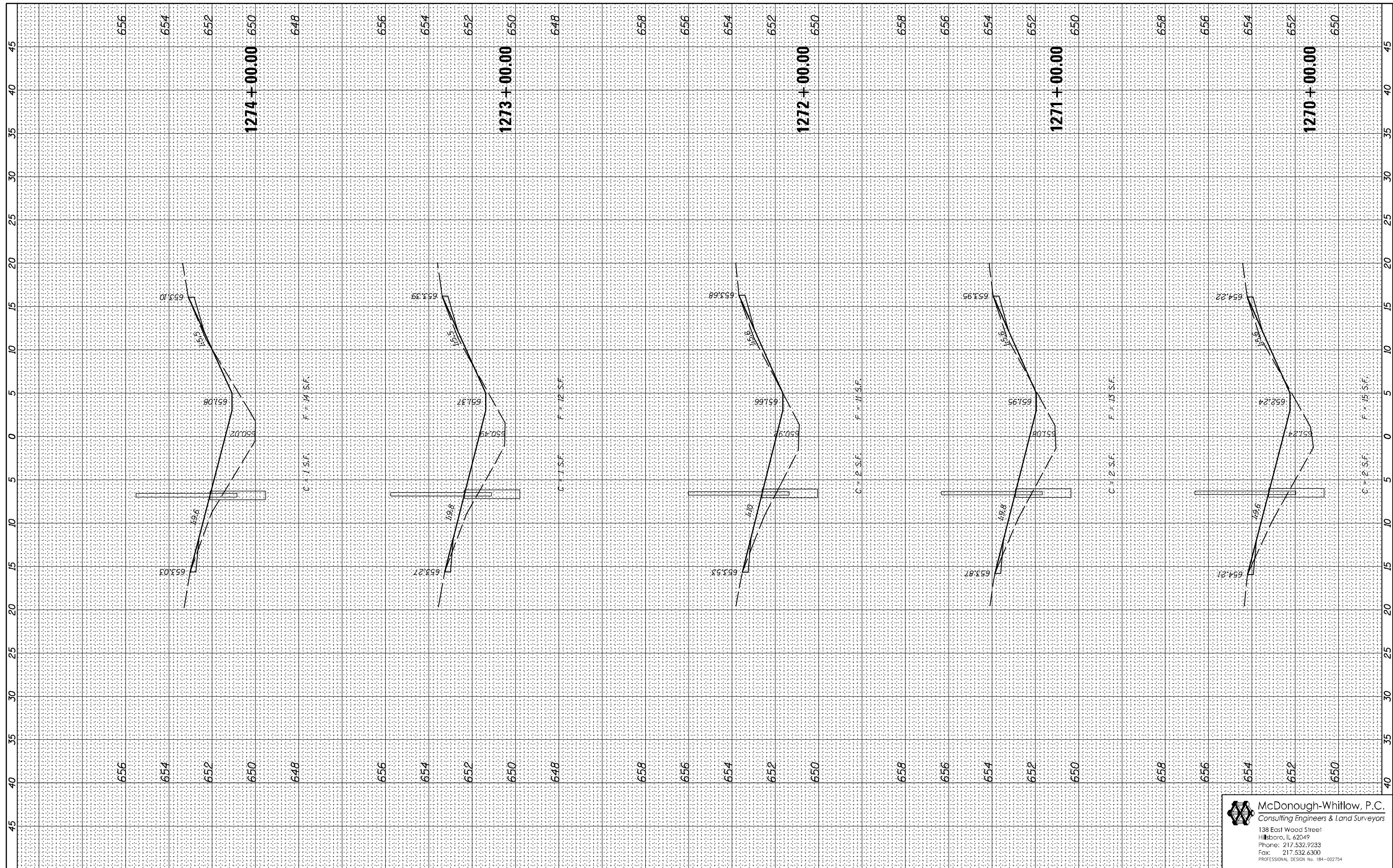
SCALE: SHEET NO. 21 OF 71 SHEETS STA. 1260+00.00 TO STA. 1264+32.97

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	70
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 23 OF 71 SHEETS STA. 1270+00.00 TO STA. 1274+00.00

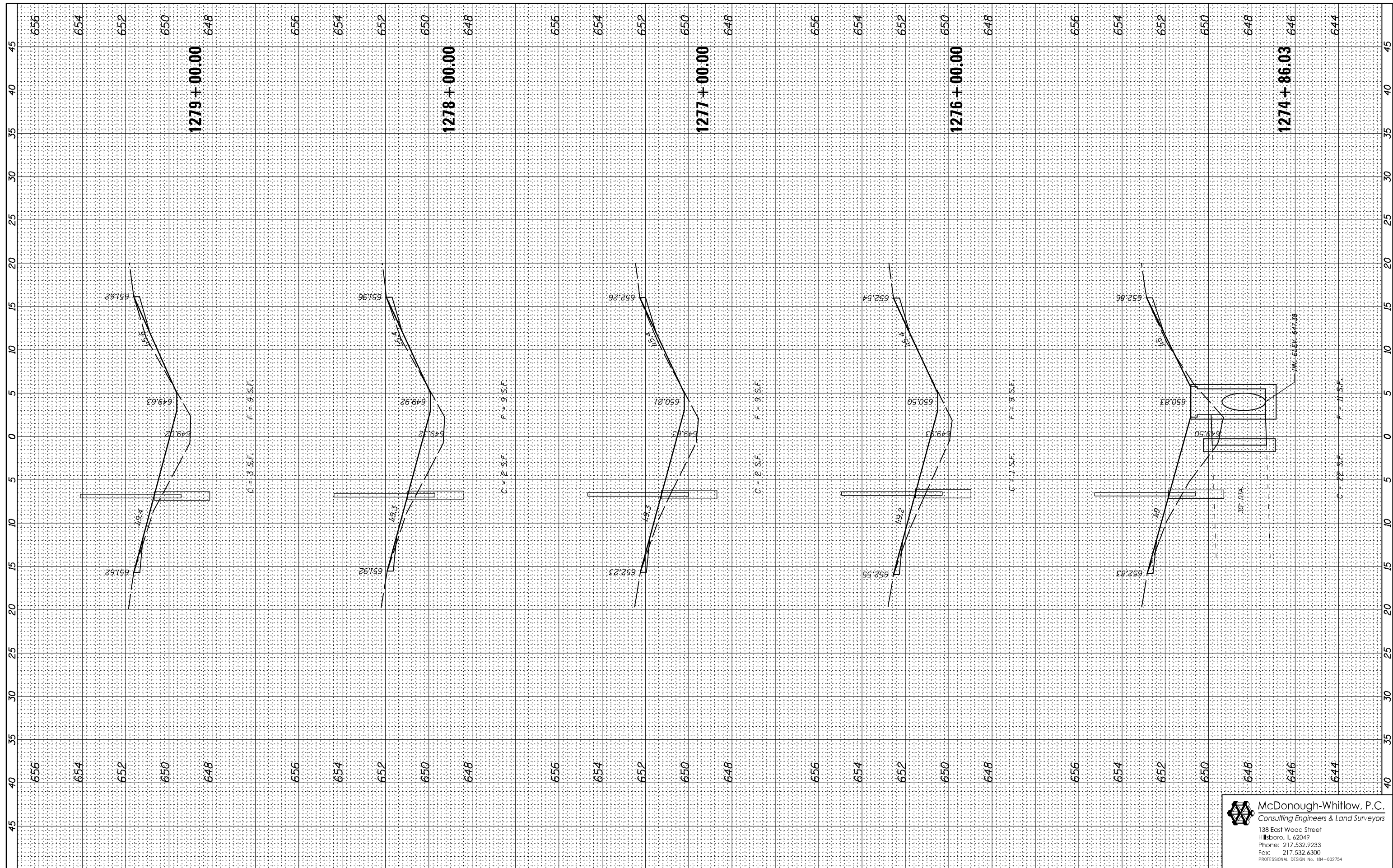
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	72

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSST.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

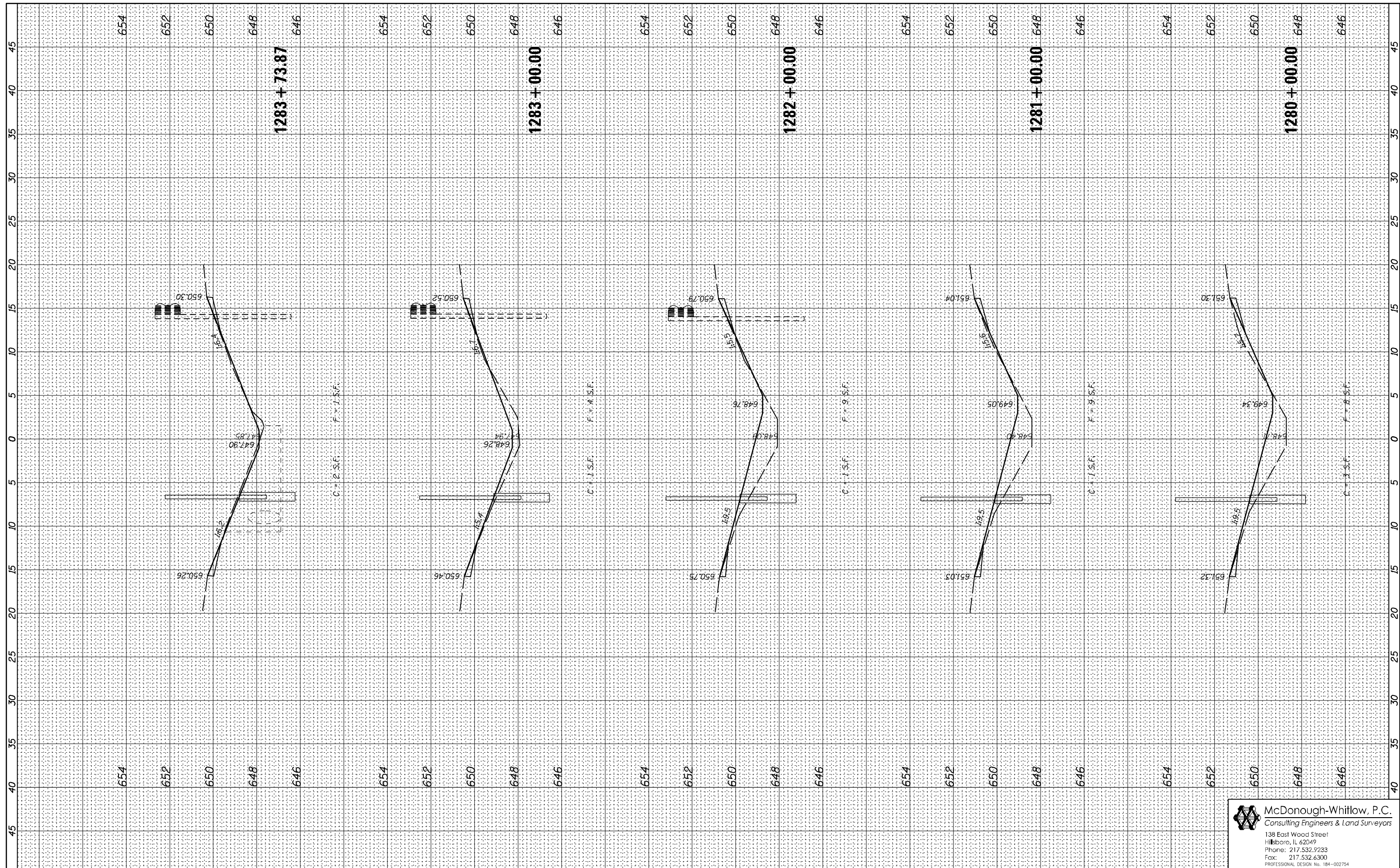
**CROSS SECTIONS
 F.A.I. 74**
 SCALE: SHEET NO. 24 OF 71 SHEETS STA. 1274+86.03 TO STA. 1279+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	73
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 25 OF 71 SHEETS STA. 1280+00.00 TO STA. 1283+73.87

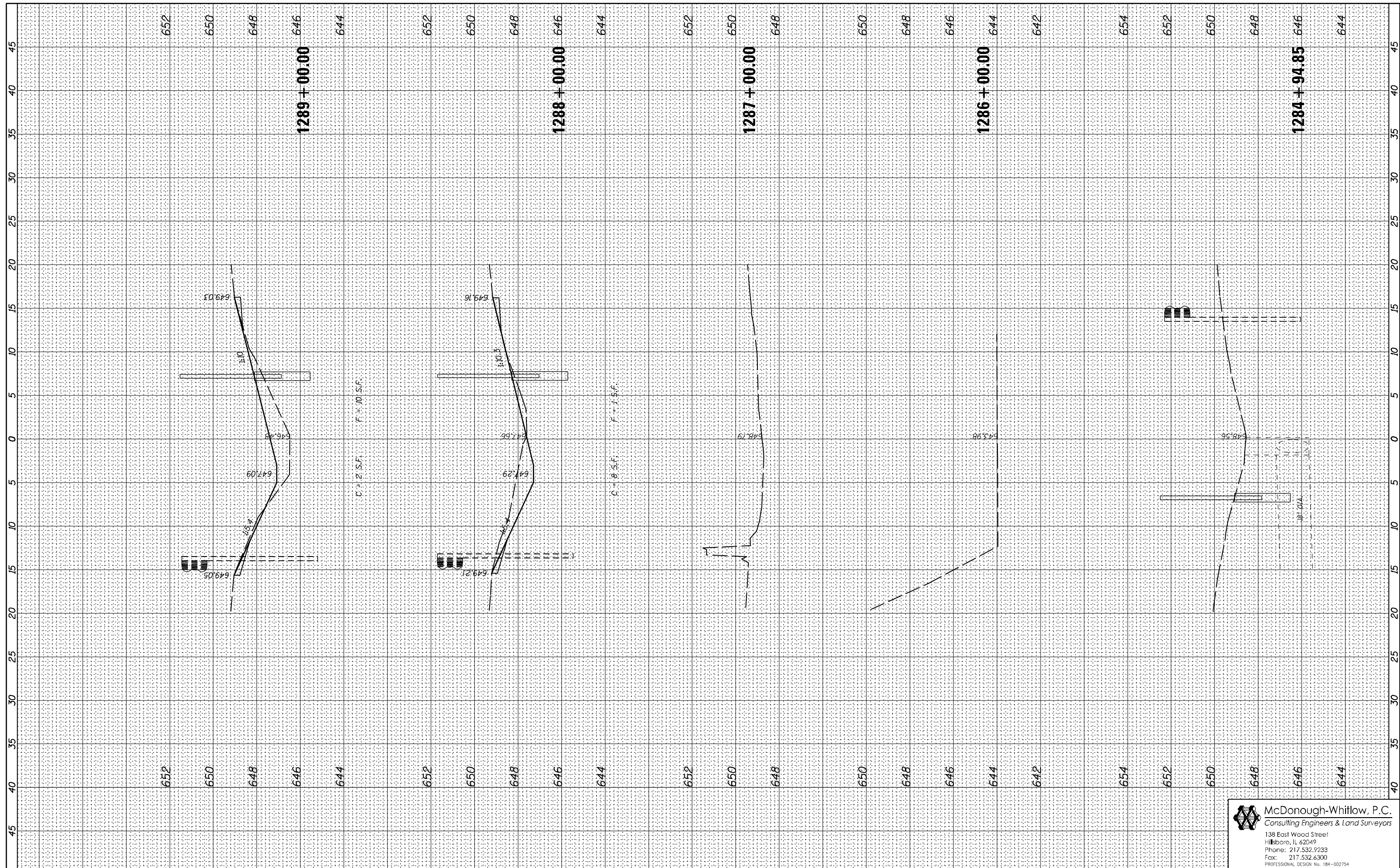
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	74

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

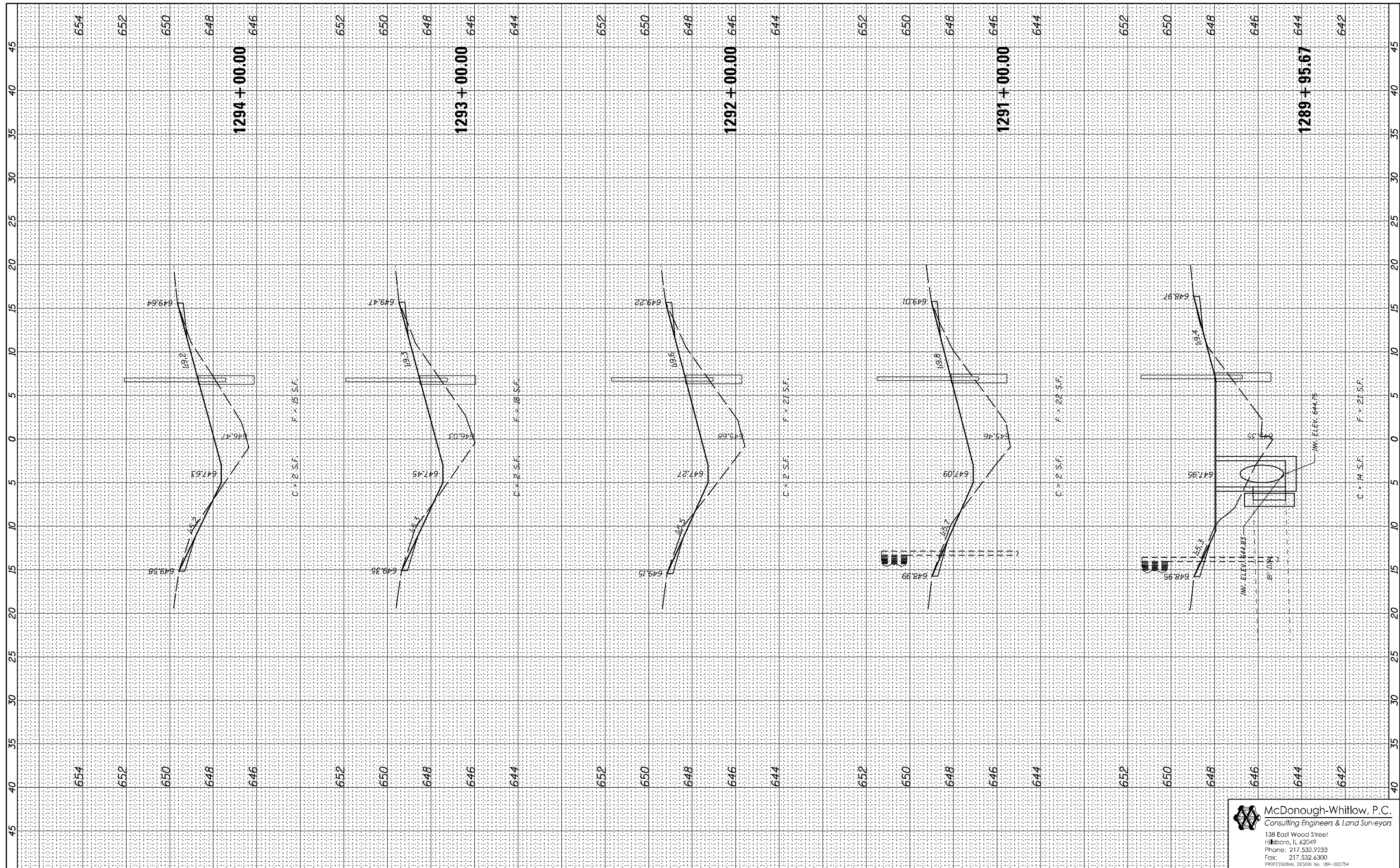
SCALE: SHEET NO. 26 OF 71 SHEETS STA. 1284+94.85 TO STA. 1289+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	75
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

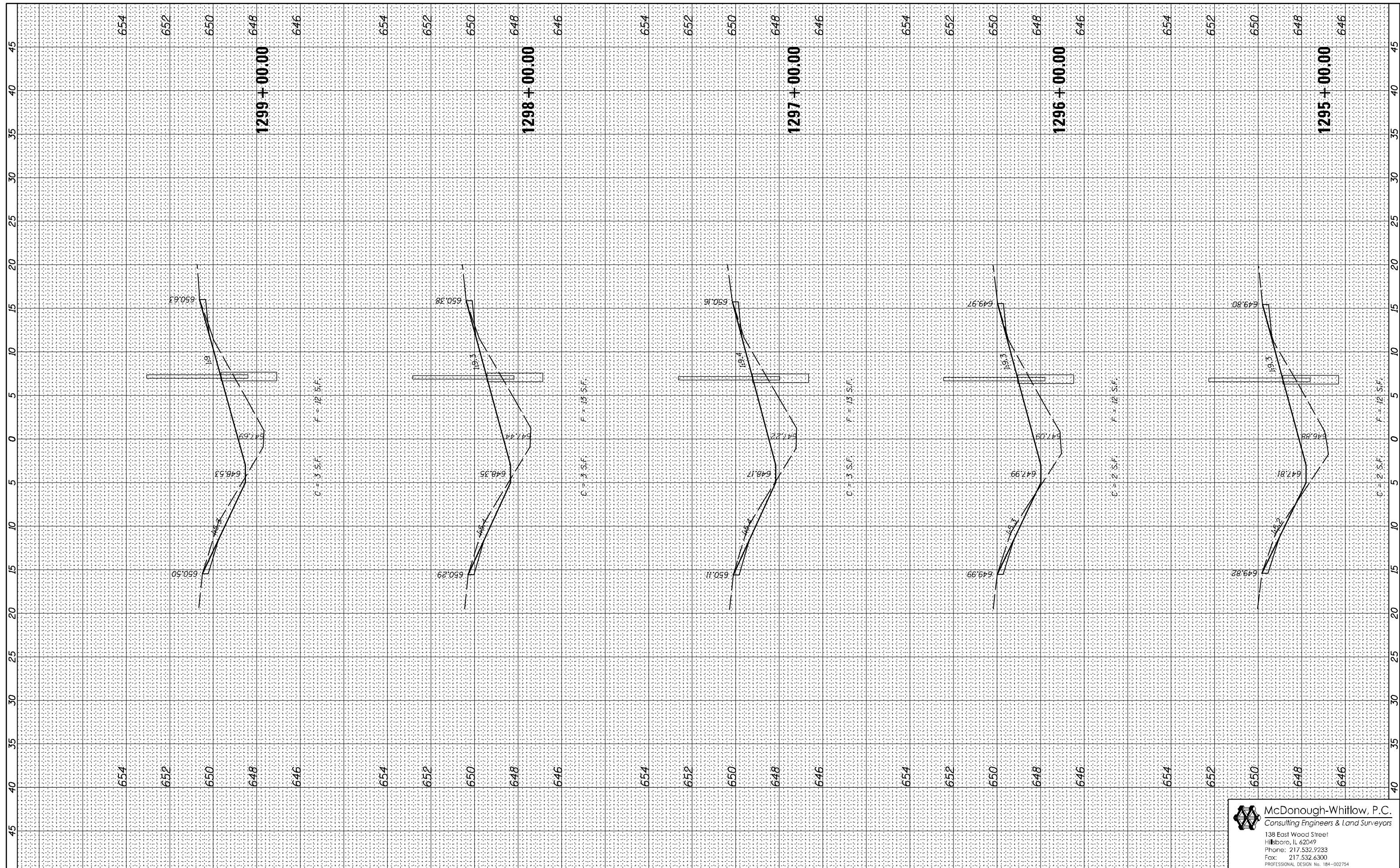
SCALE: SHEET NO. 27 OF 71 SHEETS STA. 1289+95.67 TO STA. 1294+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	76
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSSH.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

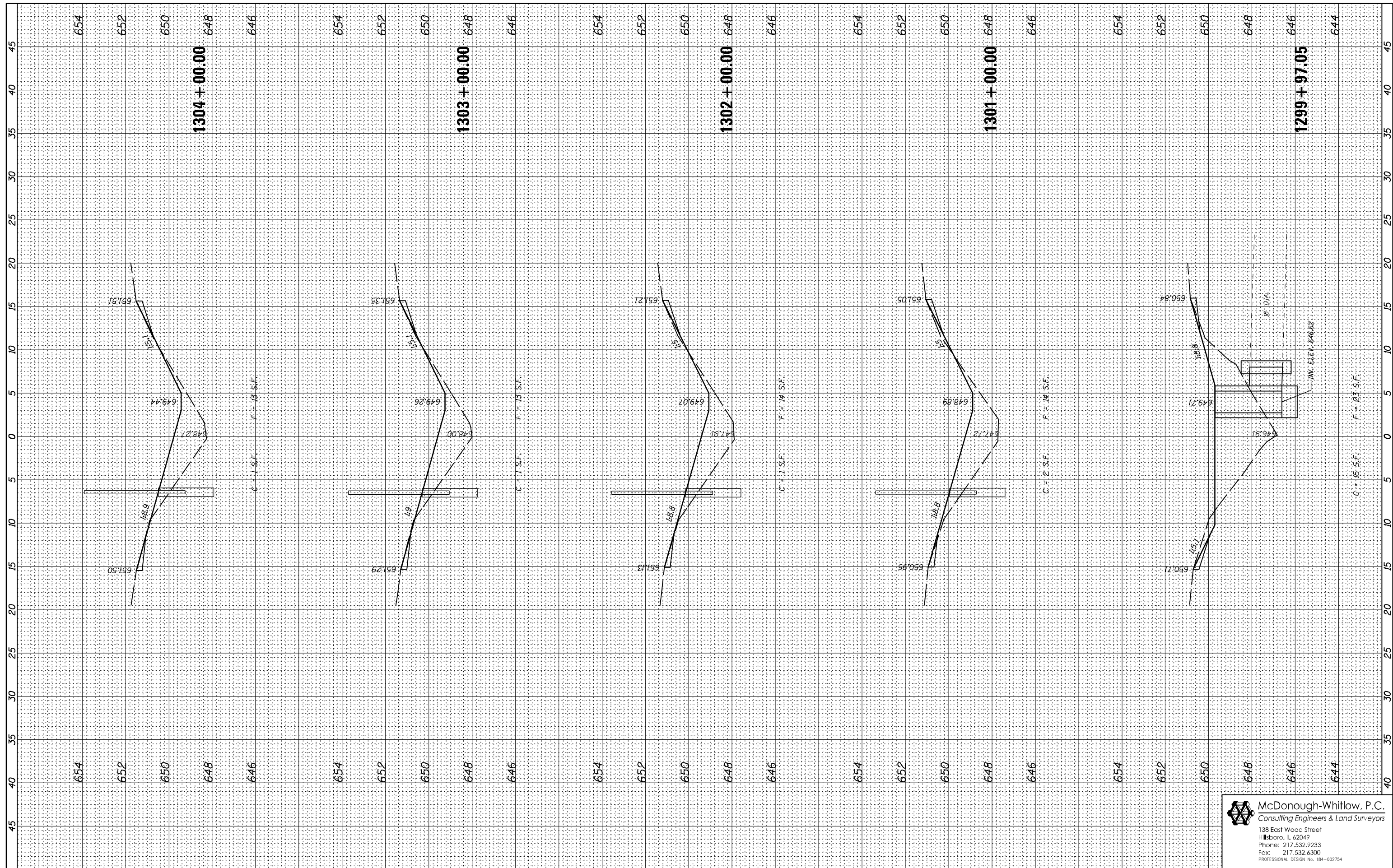
**CROSS SECTIONS
 F.A.I. 74**
 SCALE: SHEET NO. 28 OF 71 SHEETS STA. 1295+00.00 TO STA. 1299+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	77
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

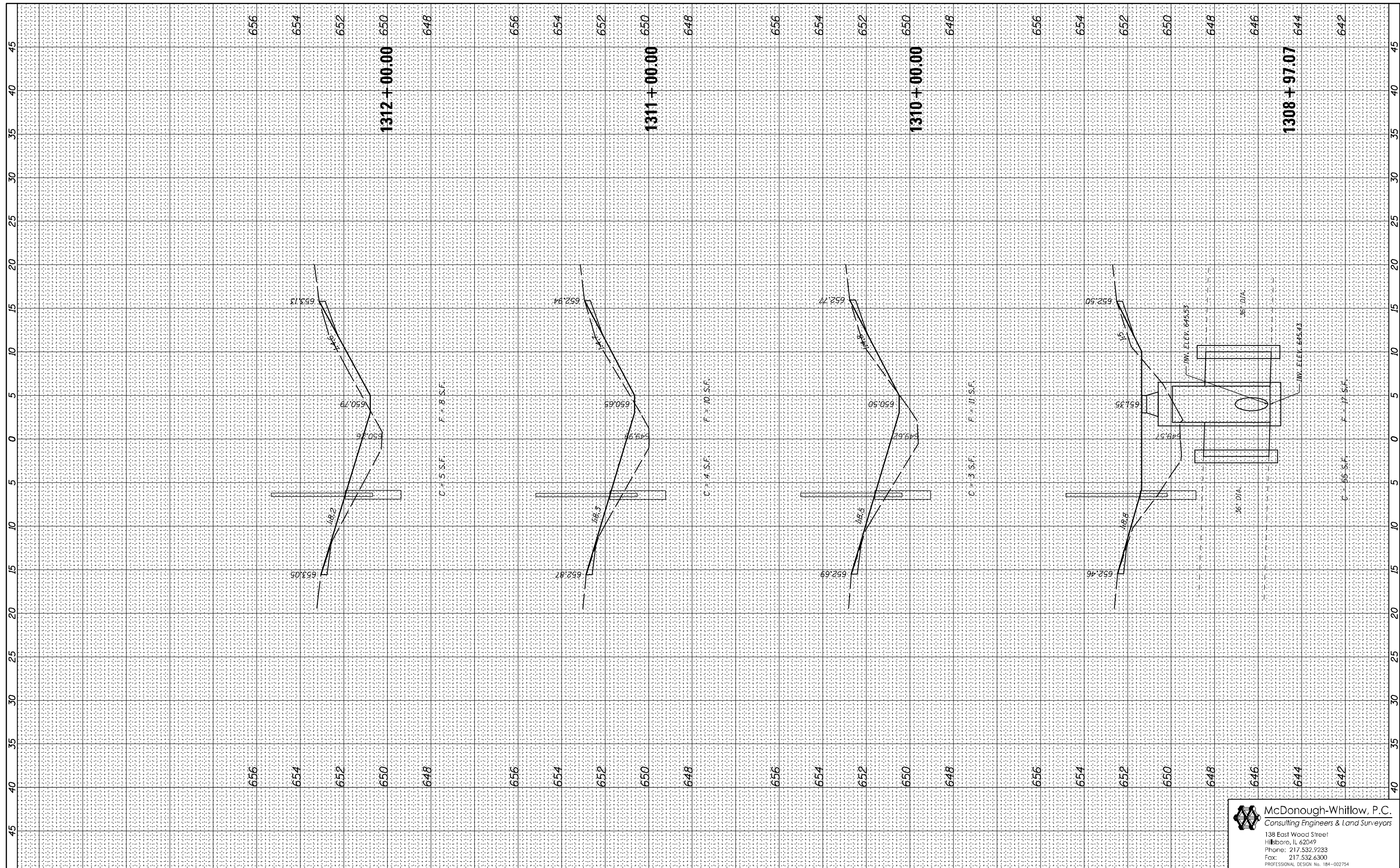
SCALE: SHEET NO. 29 OF 71 SHEETS STA. 1299+97.05 TO STA. 1304+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	78
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSSH.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

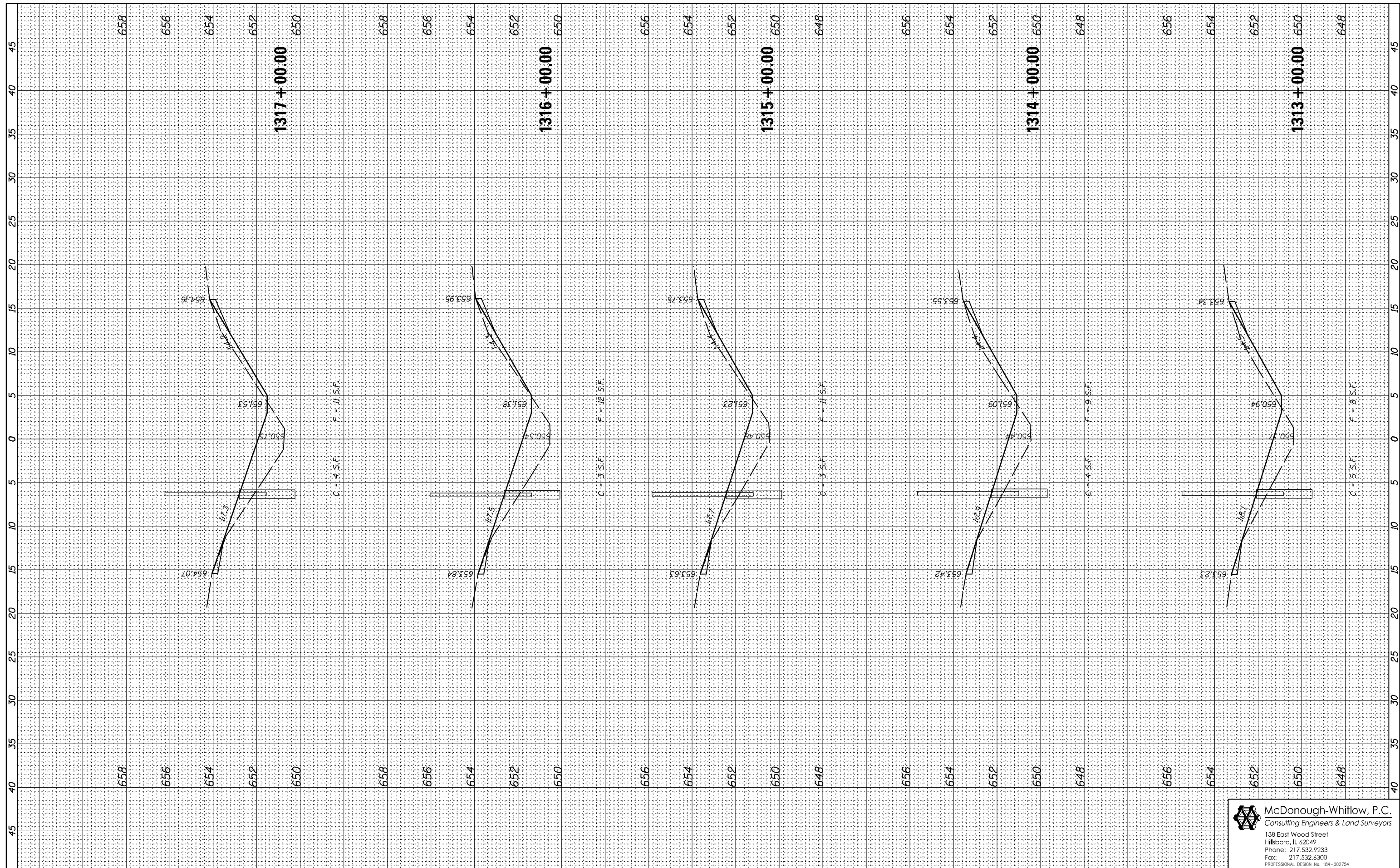
SCALE: SHEET NO. 31 OF 71 SHEETS STA. 1308+97.07 TO STA. 1312+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	80
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

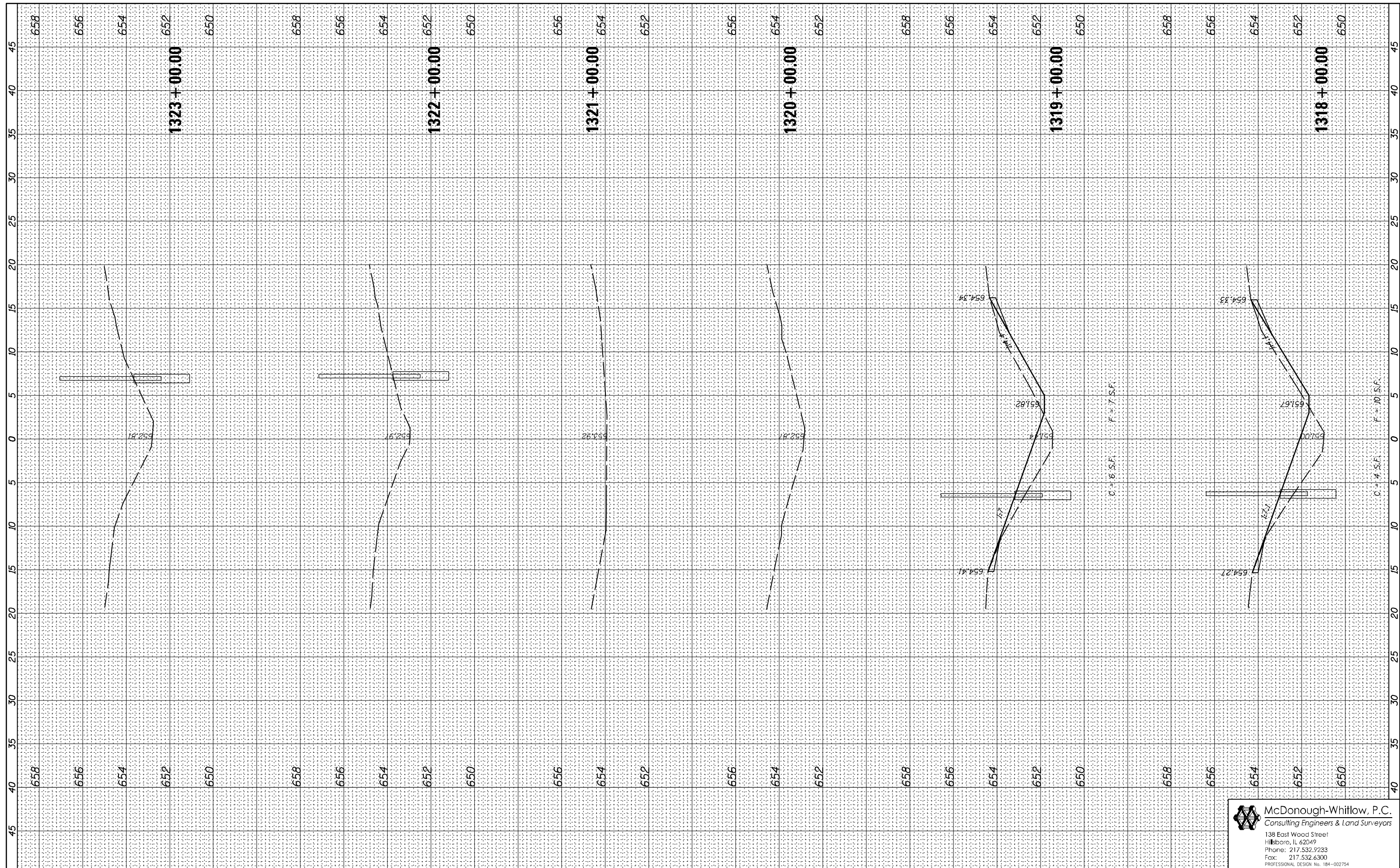
SCALE: SHEET NO. 32 OF 71 SHEETS STA. 1313+00.00 TO STA. 1317+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	81
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

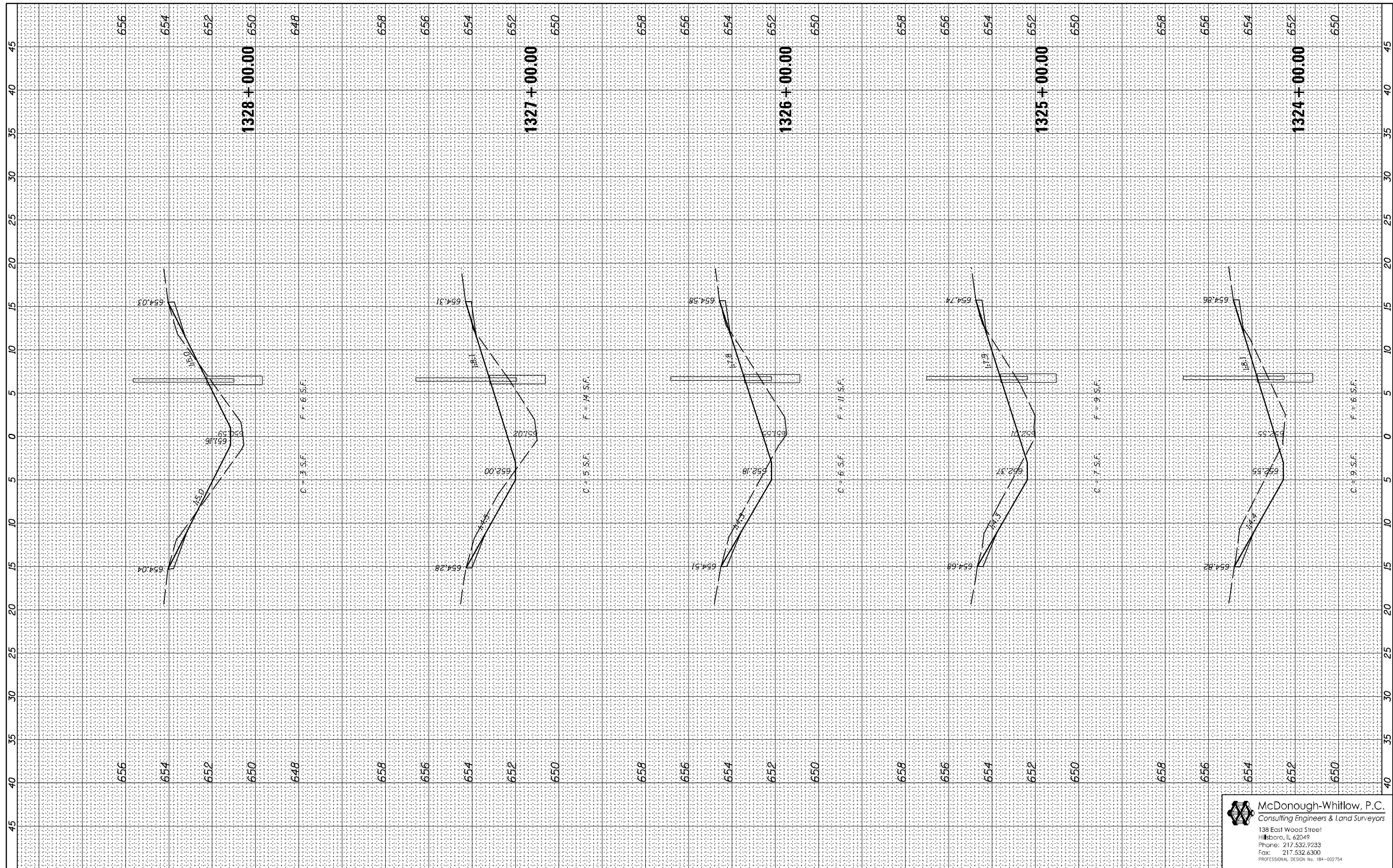
SCALE: SHEET NO. 33 OF 71 SHEETS STA. 1318+00.00 TO STA. 1323+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	82
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 34 OF 71 SHEETS STA. 1324+00.00 TO STA. 1328+00.00

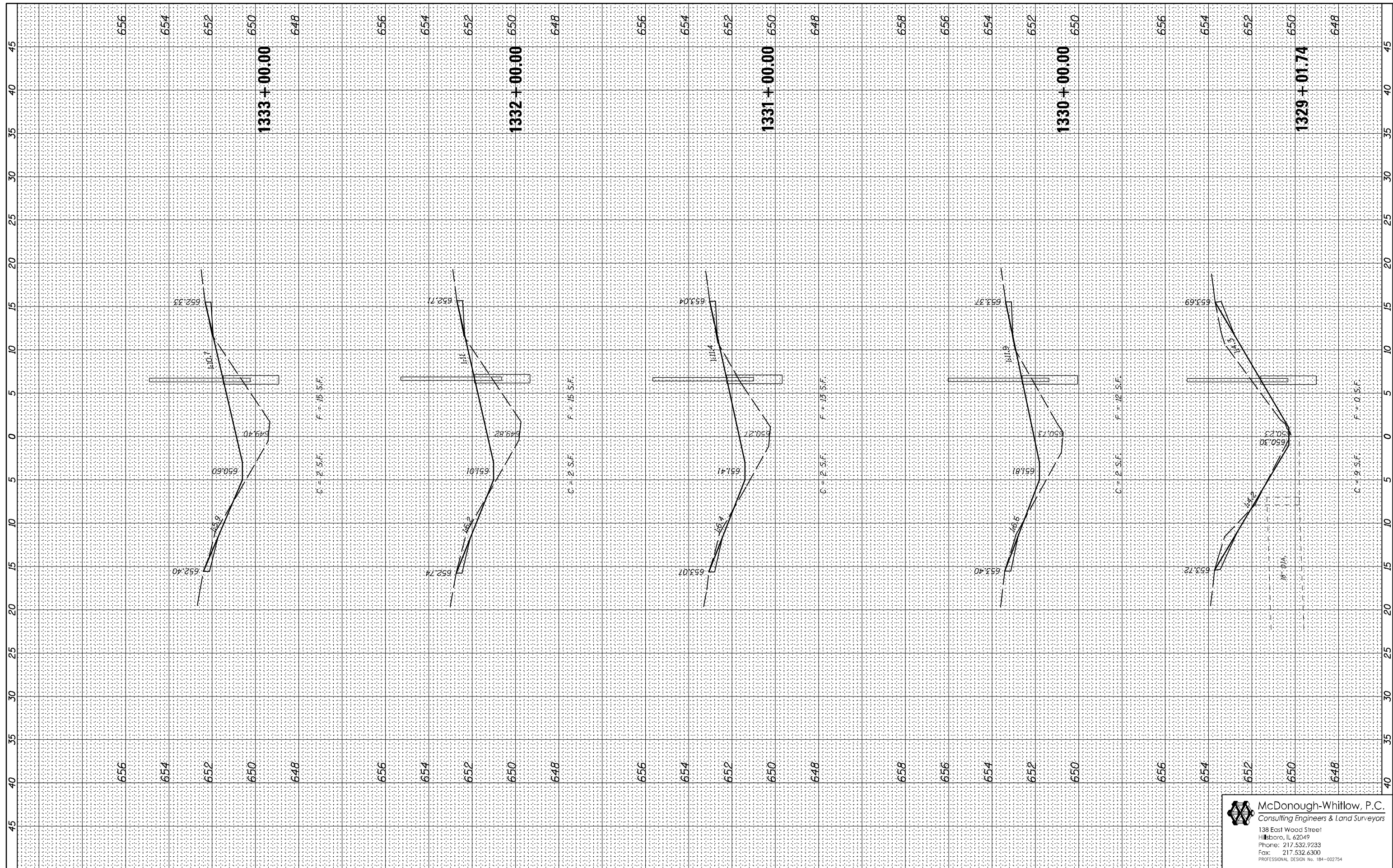
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	83
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS FED. AID PROJECT

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

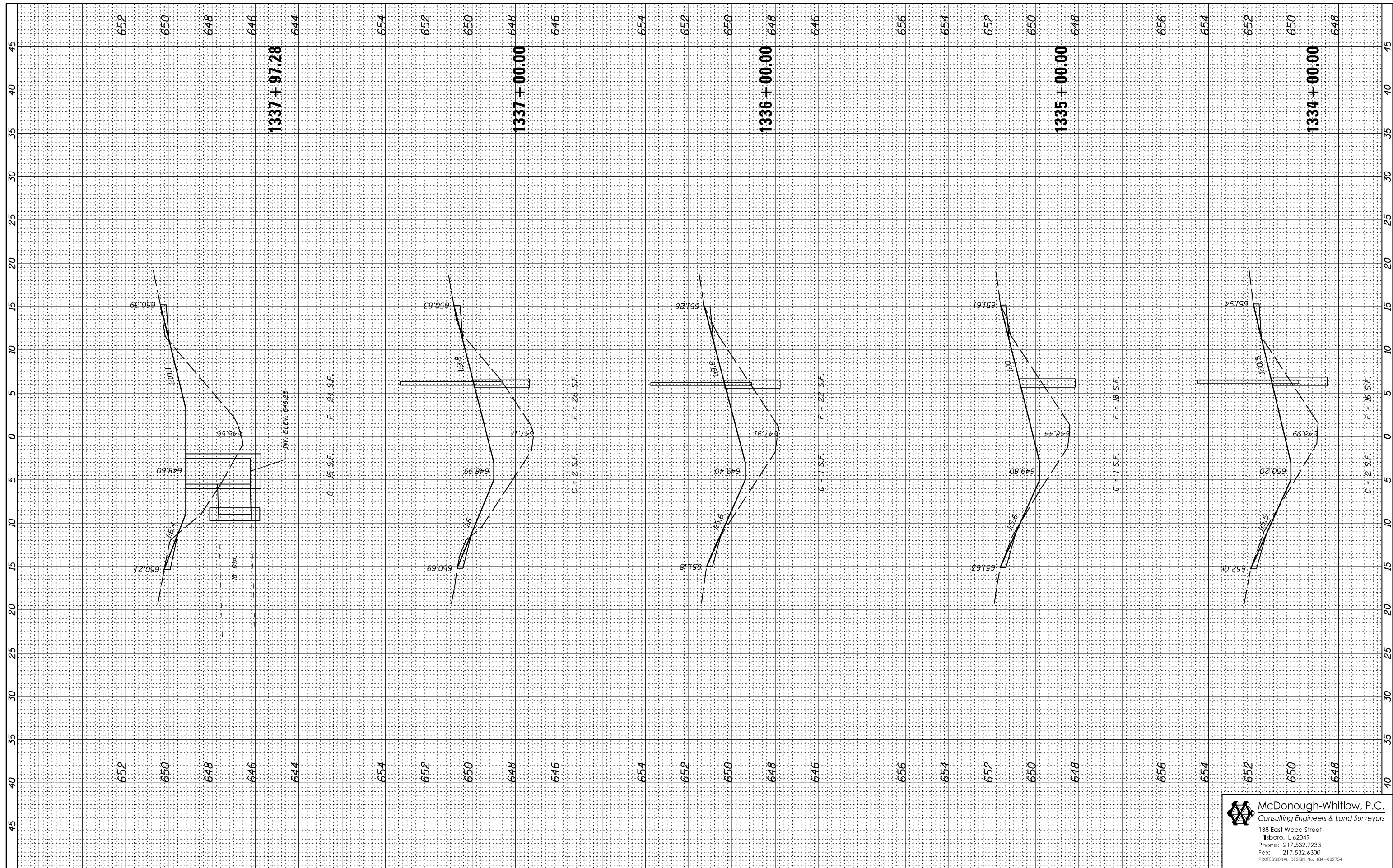
SCALE: SHEET NO. 35 OF 71 SHEETS STA. 1329+01.74 TO STA. 1333+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	84
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

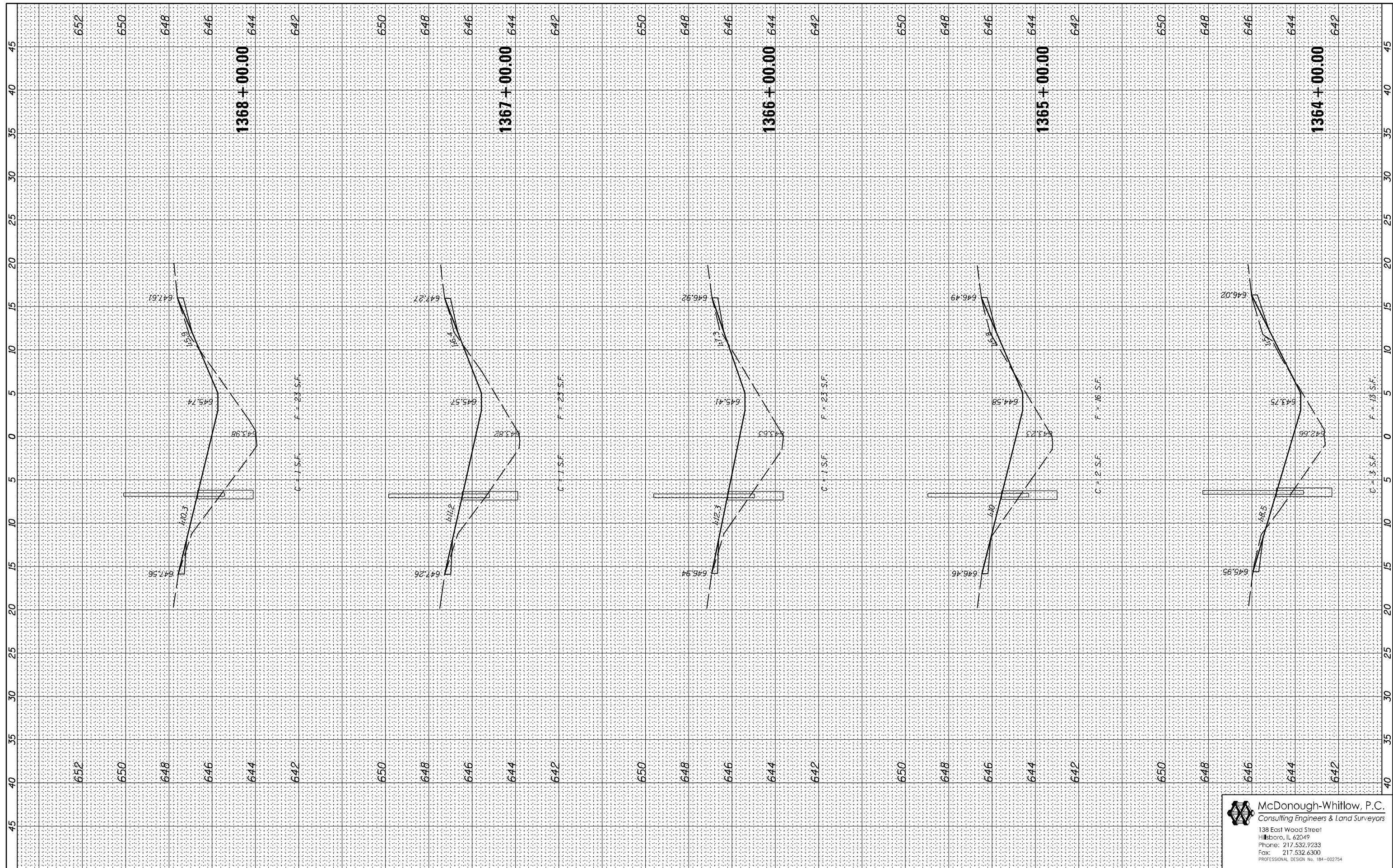
SCALE: SHEET NO. 36 OF 71 SHEETS STA. 1334+00.00 TO STA. 1337+97.28

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	85
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSSH.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 42 OF 71 SHEETS STA. 1364+00.00 TO STA. 1368+00.00

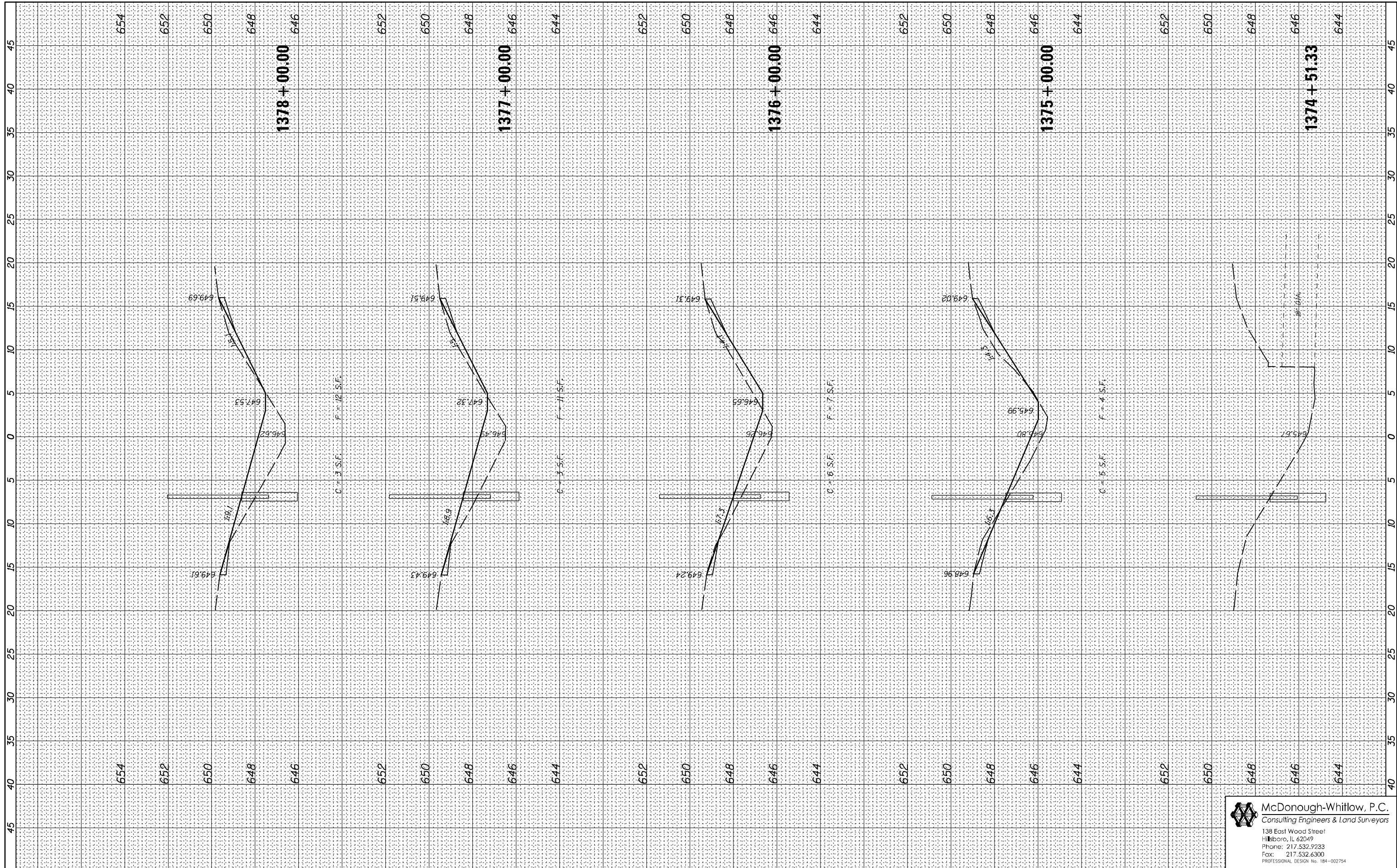
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	91

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE =	DRAWN - RNH	REVISED -
PLOT DATE	CHECKED - TMM	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

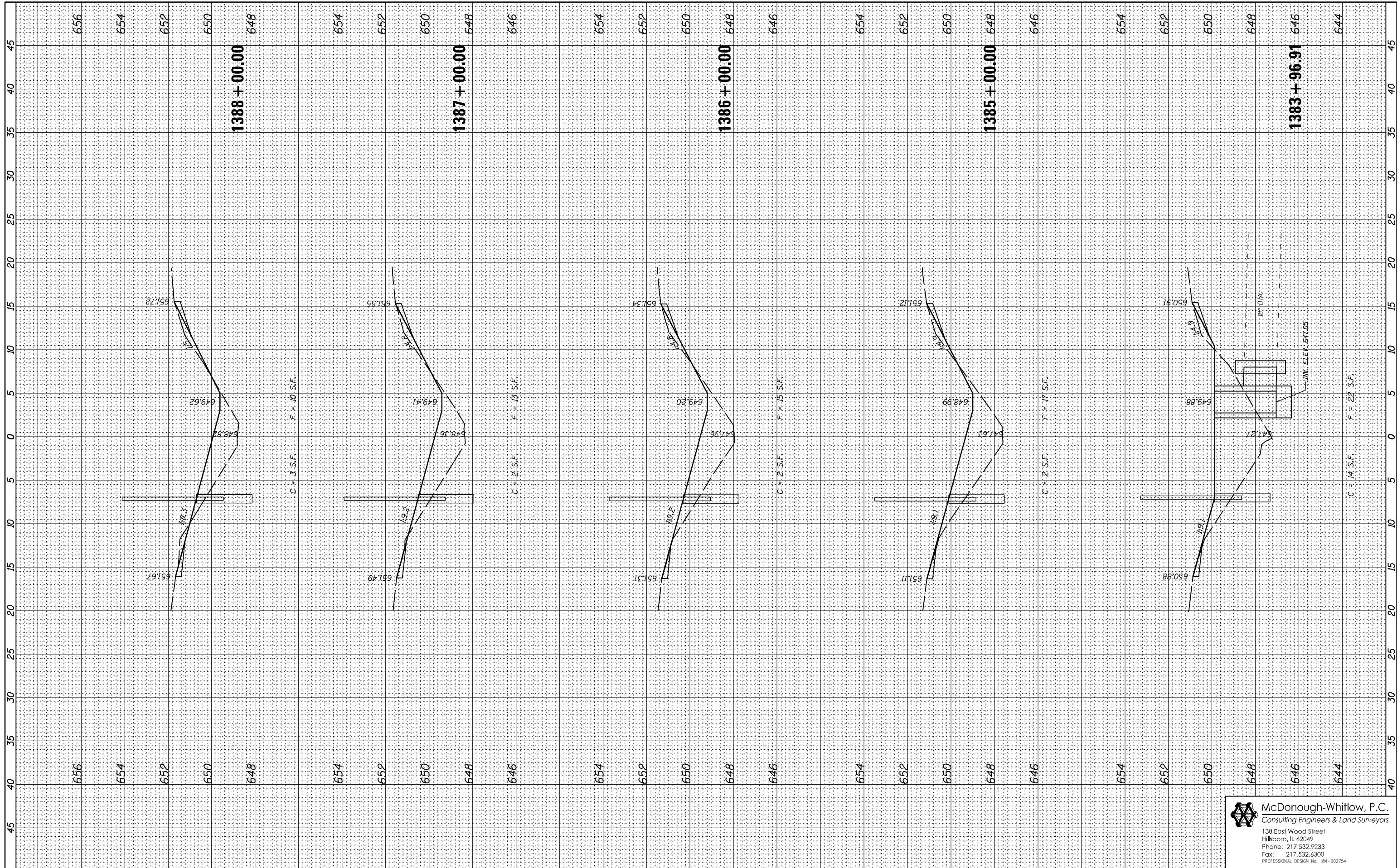
SCALE: SHEET NO. 44 OF 71 SHEETS STA. 1374+51.33 TO STA. 1378+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	93
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

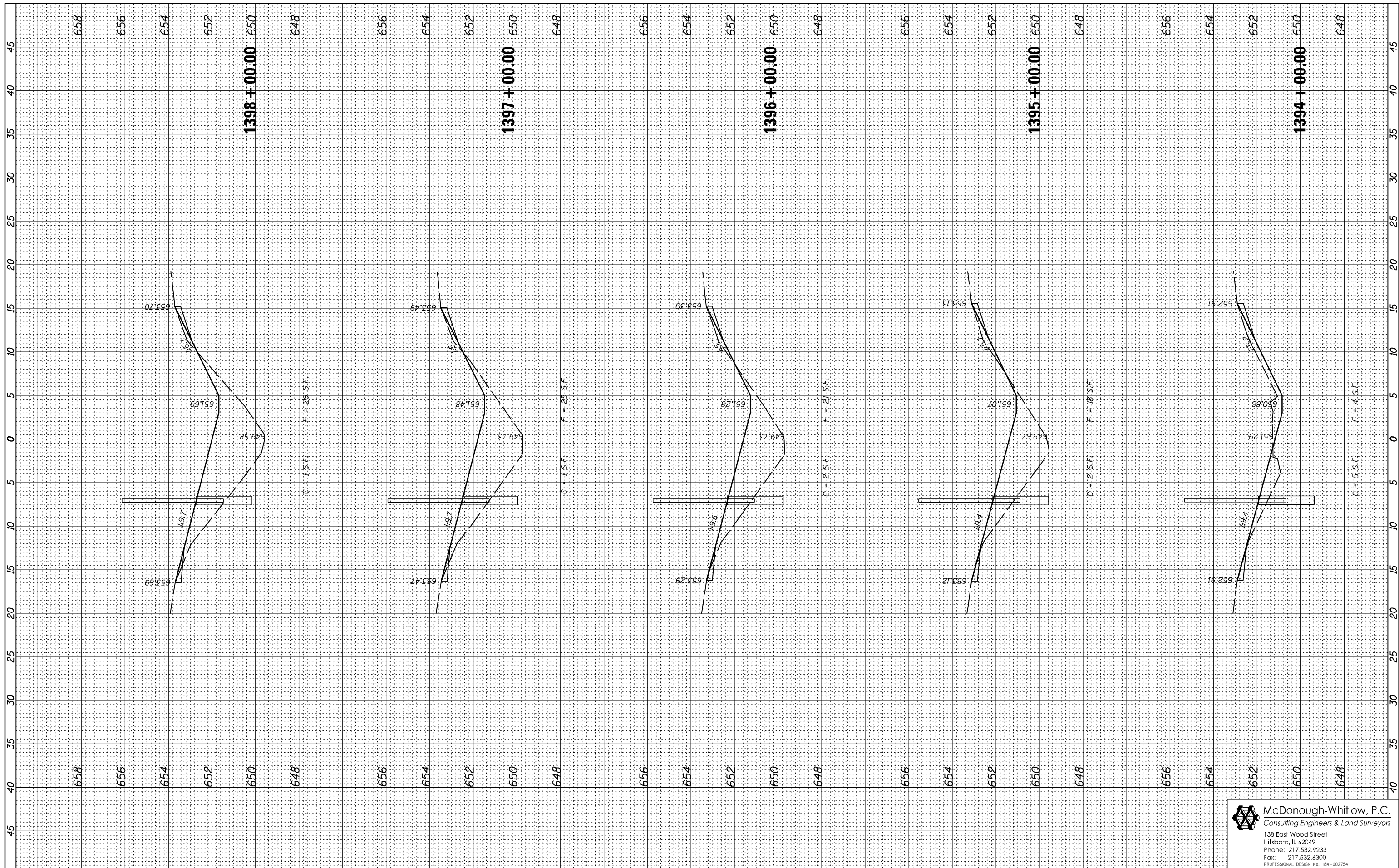
SCALE: SHEET NO. 46 OF 71 SHEETS STA. 1383+96.91 TO STA. 1388+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	95
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE =	DRAWN - RNH	REVISED -
PLOT DATE	CHECKED - TMM	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

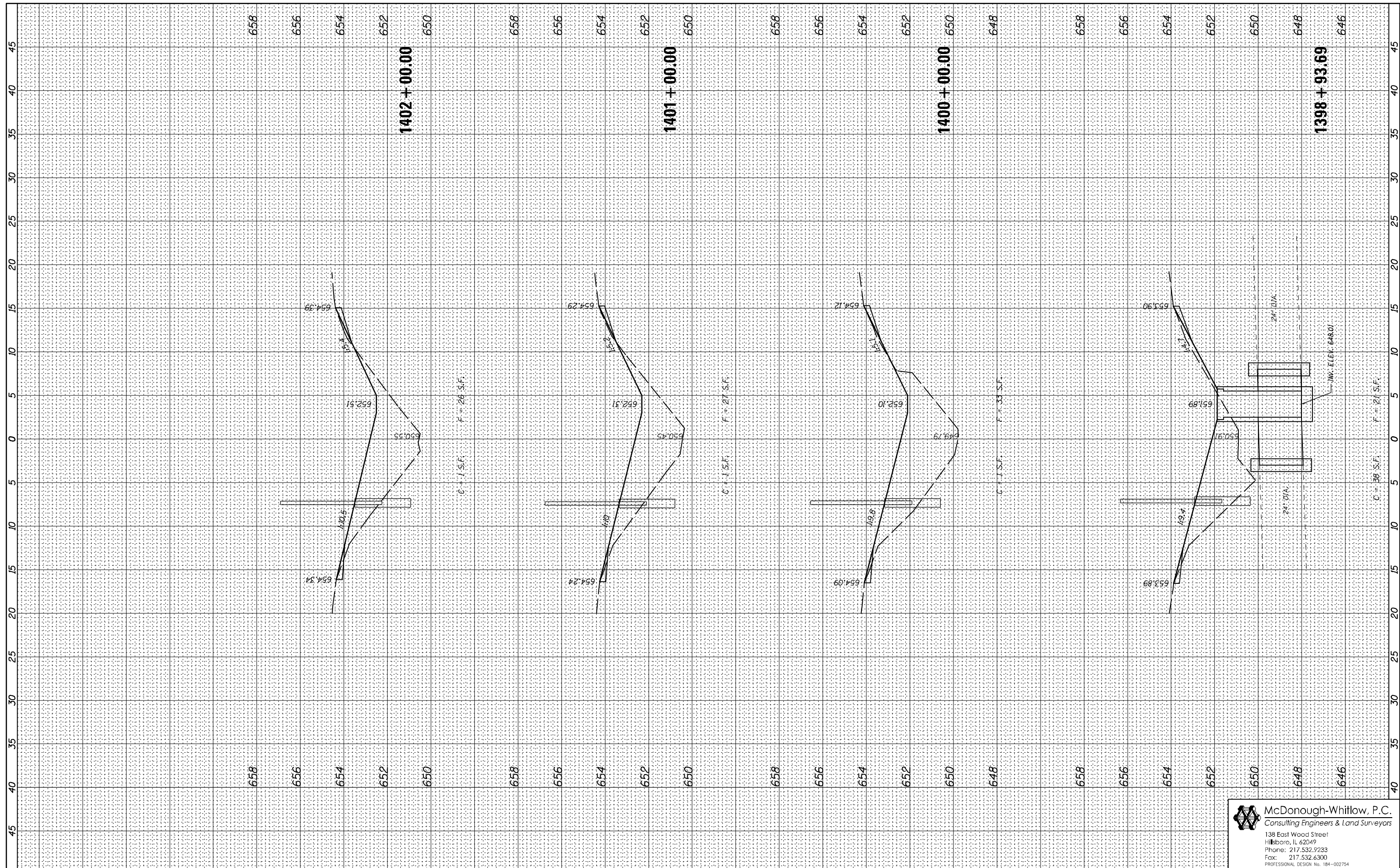
SCALE: SHEET NO. 48 OF 71 SHEETS STA. 1394+00.00 TO STA. 1398+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	97
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 49 OF 71 SHEETS STA. 1398+93.69 TO STA. 1402+00.00

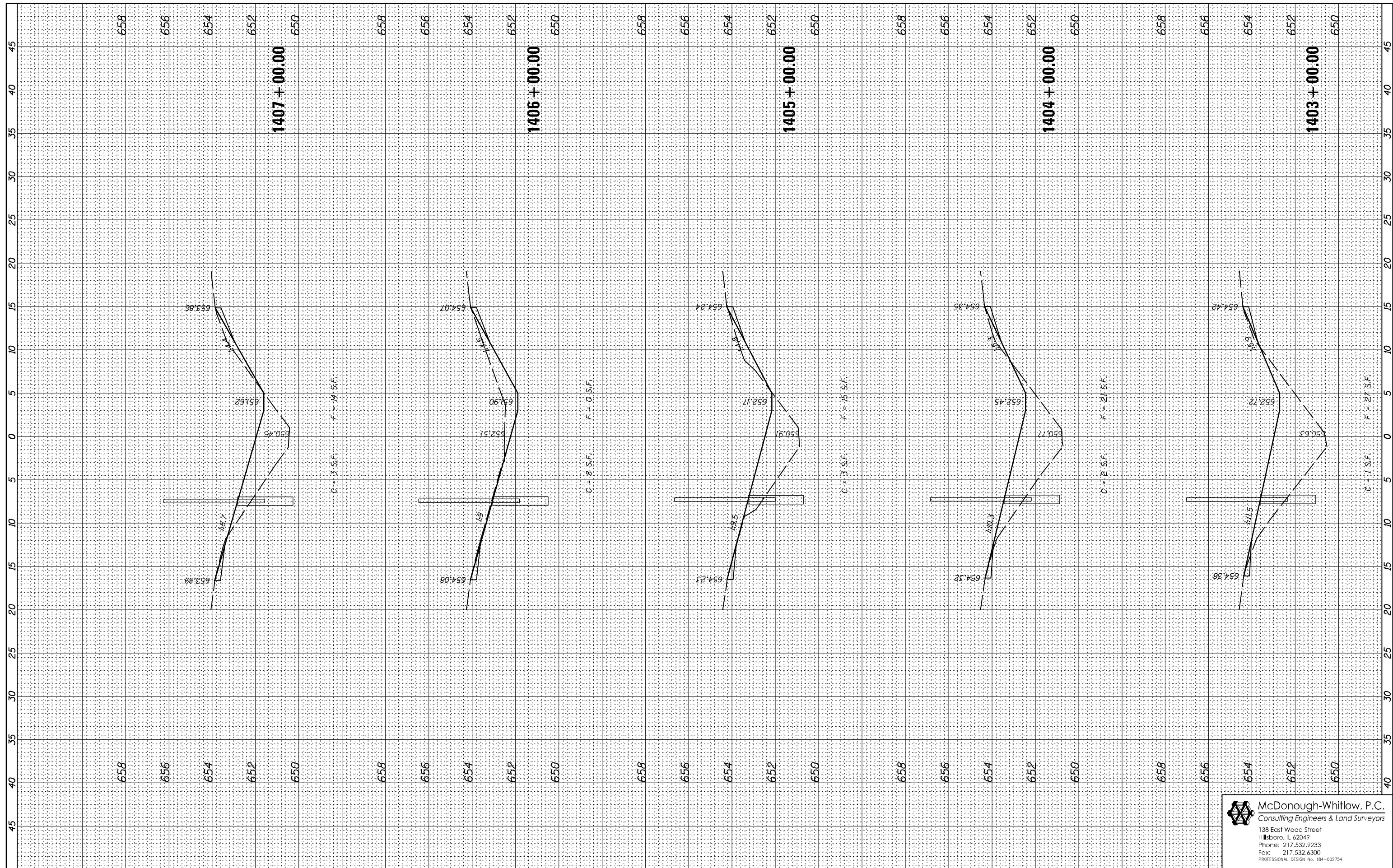
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	98

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 50 OF 71 SHEETS STA. 1403+00.00 TO STA.1407+00.00

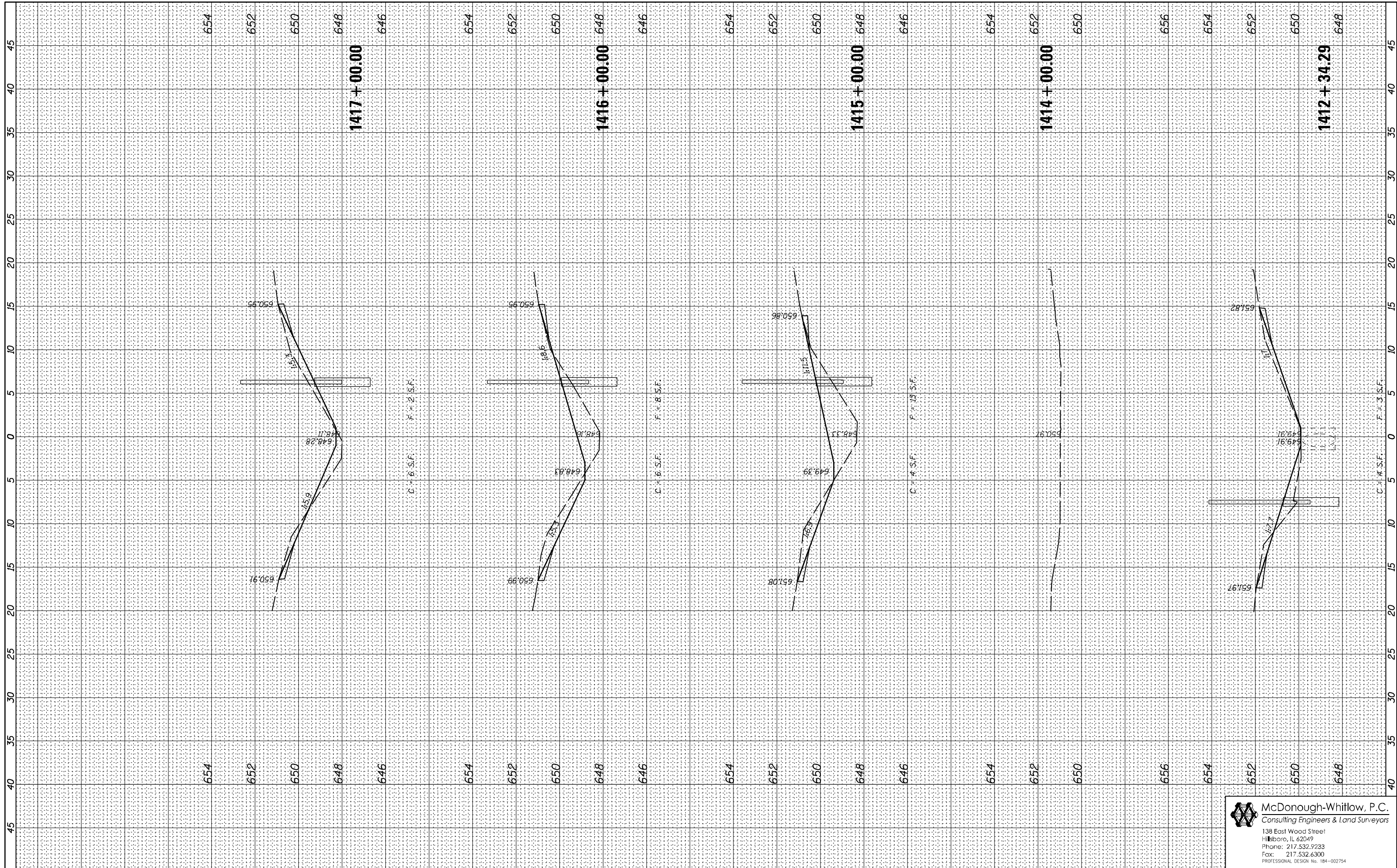
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	99

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

DESIGNED - JAH	REVISED -
DRAWN - RNH	REVISED -
CHECKED - TMM	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

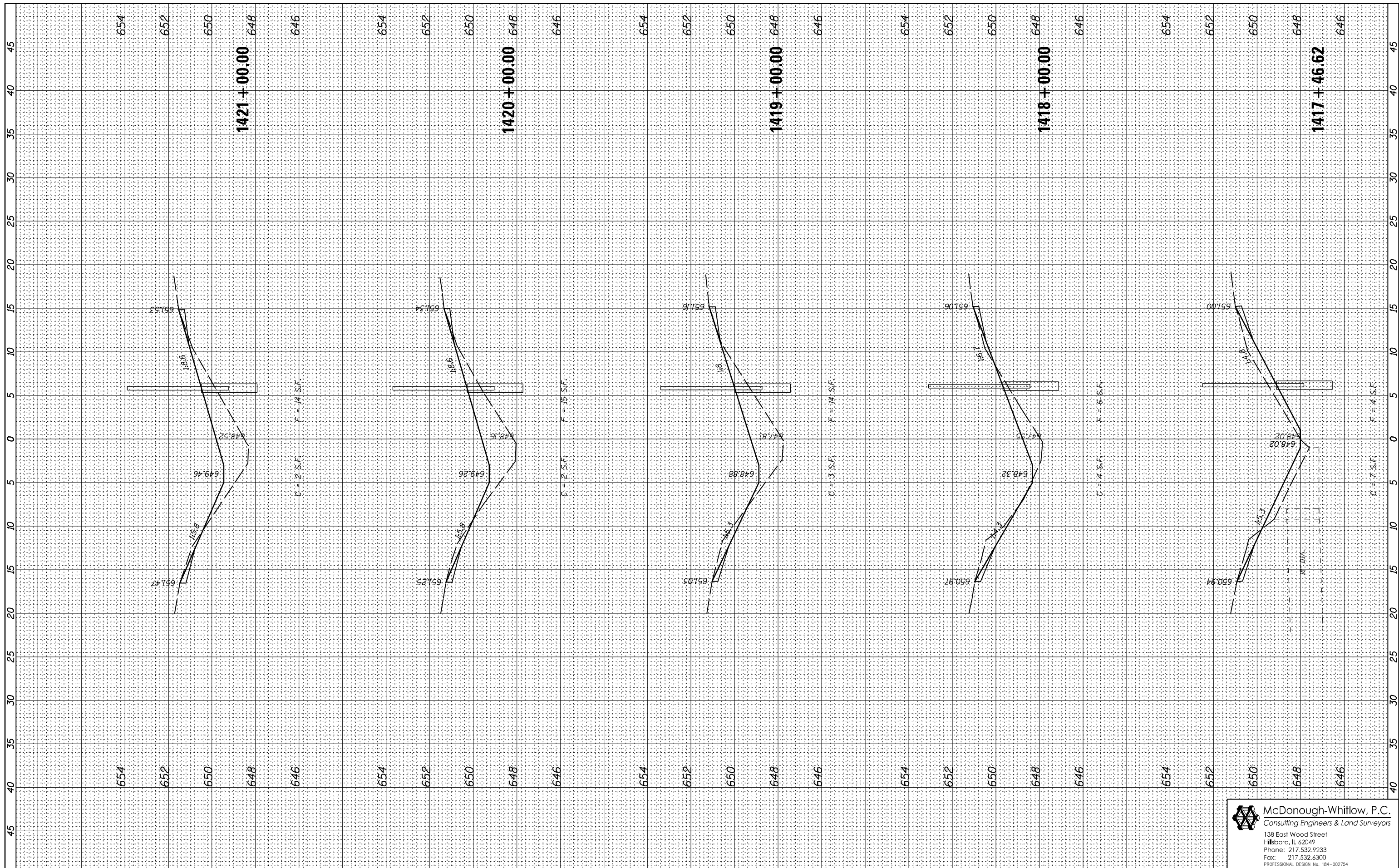
SCALE: SHEET NO. 52 OF 71 SHEETS STA. 1412+34.29 TO STA. 1417+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	101
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE =	DRAWN - RNH	REVISED -
PLOT DATE	CHECKED - TMM	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

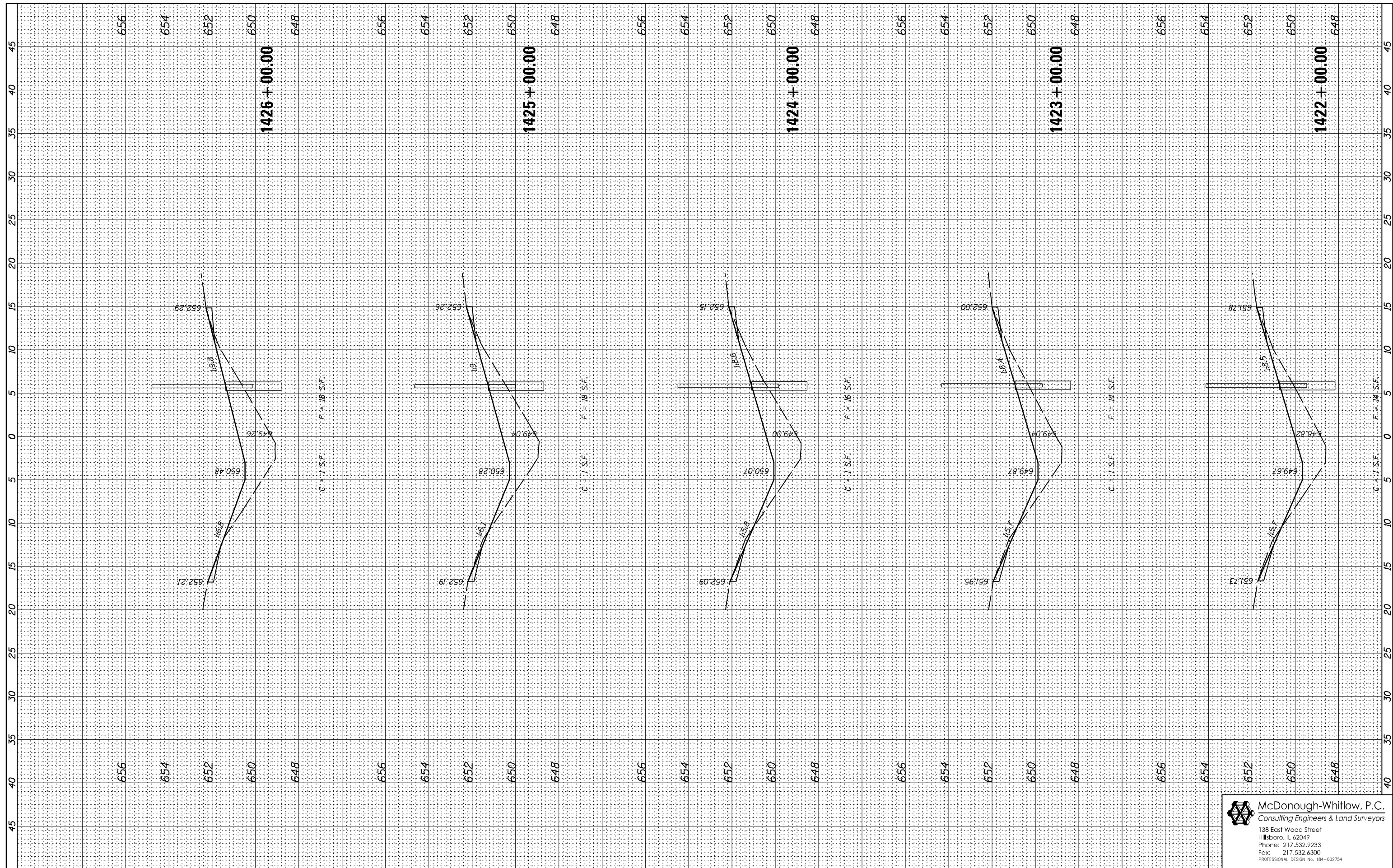
SCALE: SHEET NO. 53 OF 71 SHEETS STA. 1417+46.62 TO STA. 1421+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	102
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

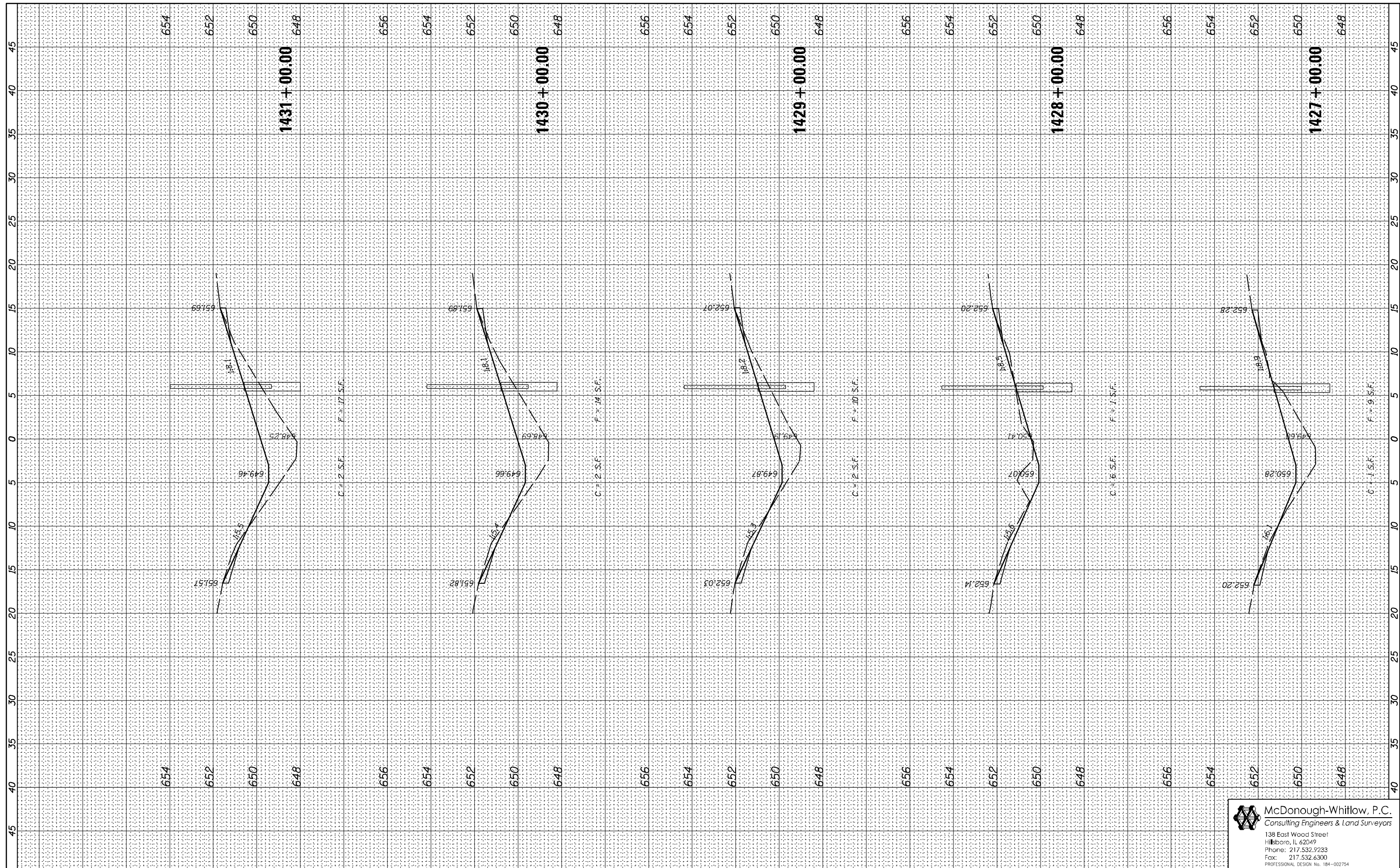
**CROSS SECTIONS
 F.A.I. 74**
 SCALE: SHEET NO. 54 OF 71 SHEETS STA. 1422+00.00 TO STA. 1426+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	103
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN No. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSSH.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

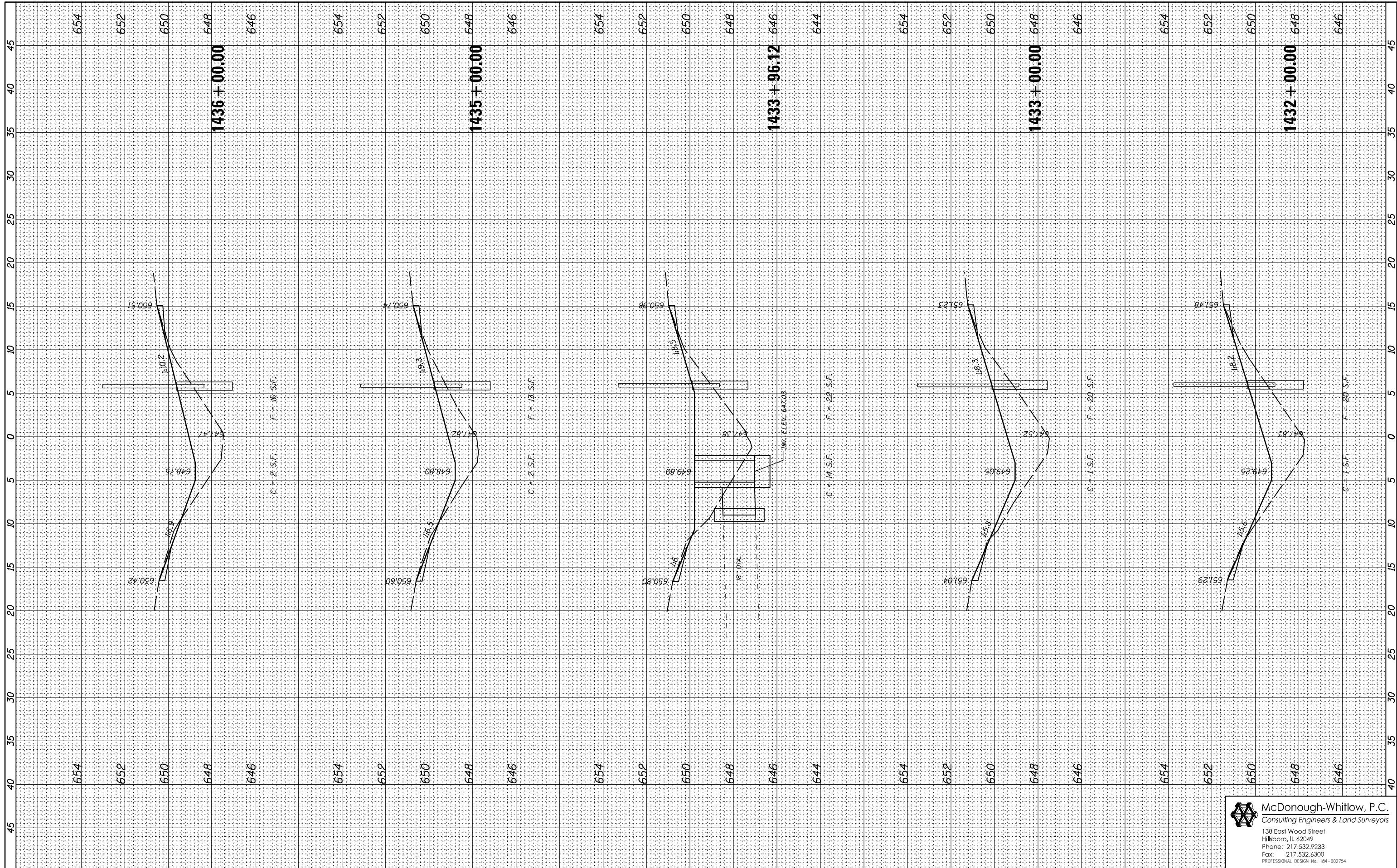
SCALE: SHEET NO. 55 OF 71 SHEETS STA. 1427+00.00 TO STA. 1431+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	104
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
PLOT SCALE =	DRAWN - RNH	REVISED -
PLOT DATE	CHECKED - TMM	REVISED -
	DATE -	REVISED -

DESIGNED - JAH	REVISED -
DRAWN - RNH	REVISED -
CHECKED - TMM	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

SCALE: SHEET NO. 56 OF 71 SHEETS STA. 1432+00.00 TO STA. 1436+00.00

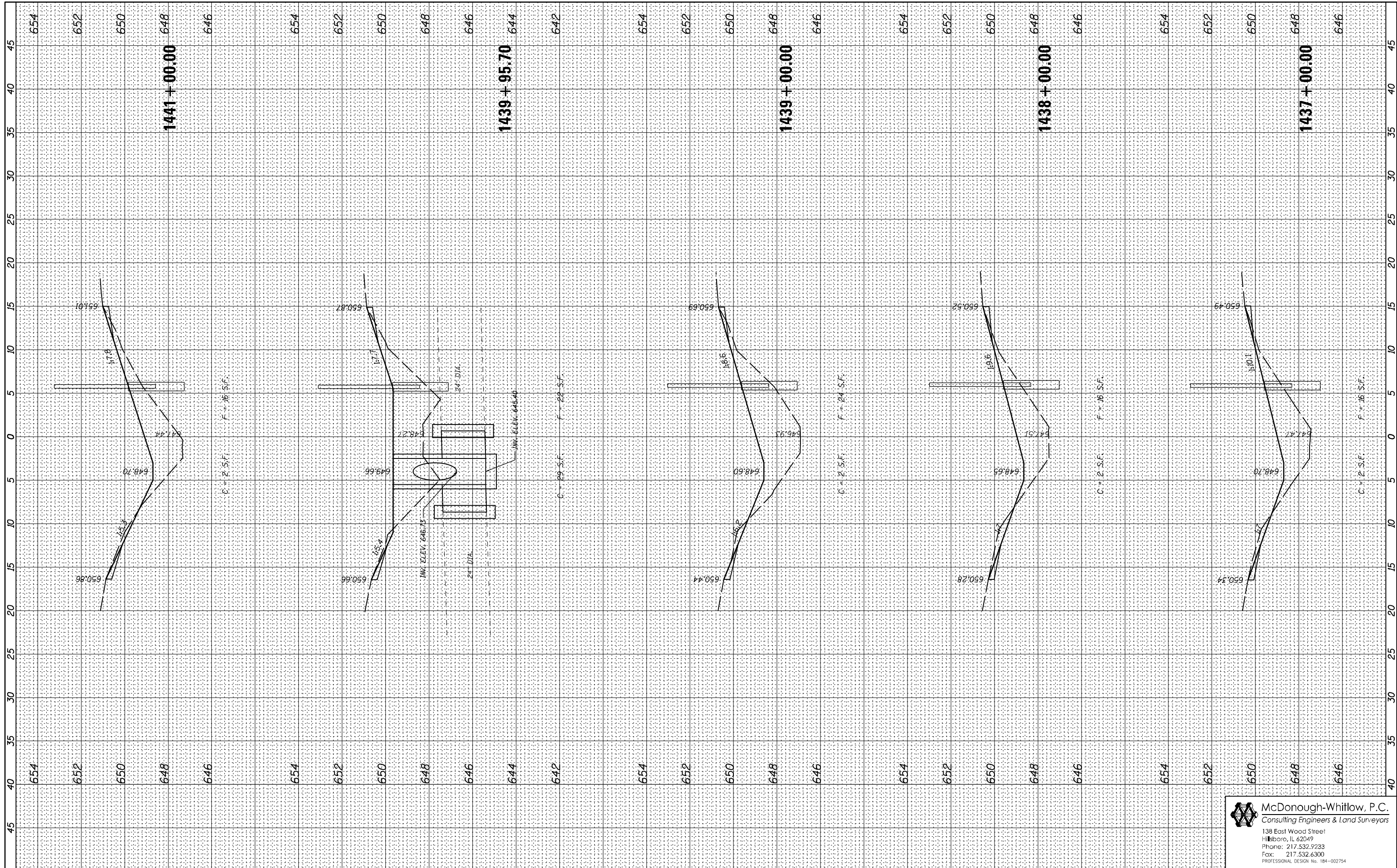
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	105
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn
 USER NAME = RNH
 PLOT SCALE =
 PLOT DATE

DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

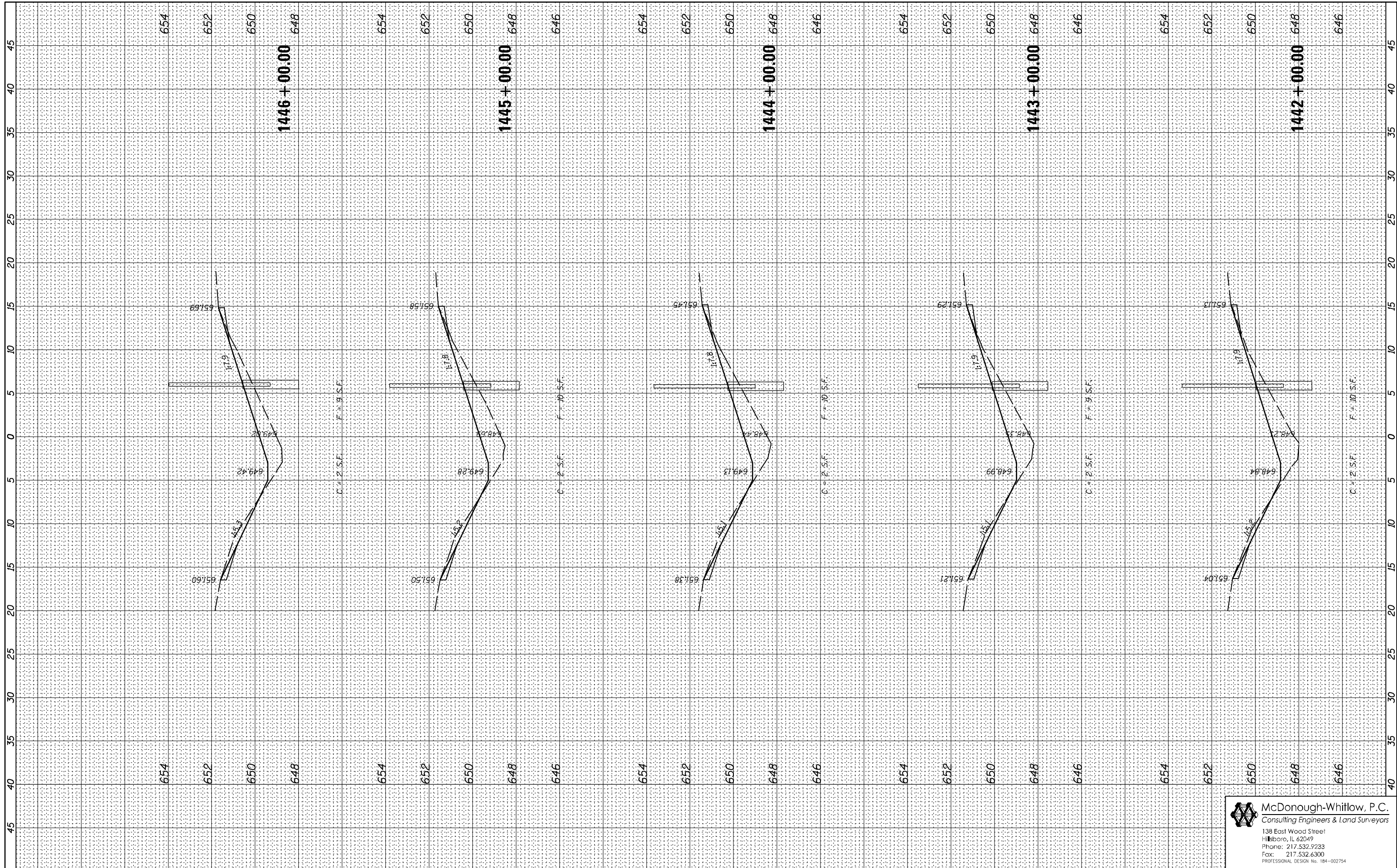
**CROSS SECTIONS
 F.A.I. 74**
 SCALE: SHEET NO. 57 OF 71 SHEETS STA. 1437+00.00 TO STA. 1441+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	106
CONTRACT NO. 70967				

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH	DESIGNED - JAH	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE =	CHECKED - TMM	REVISED -
PLOT DATE	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
F.A.I. 74**

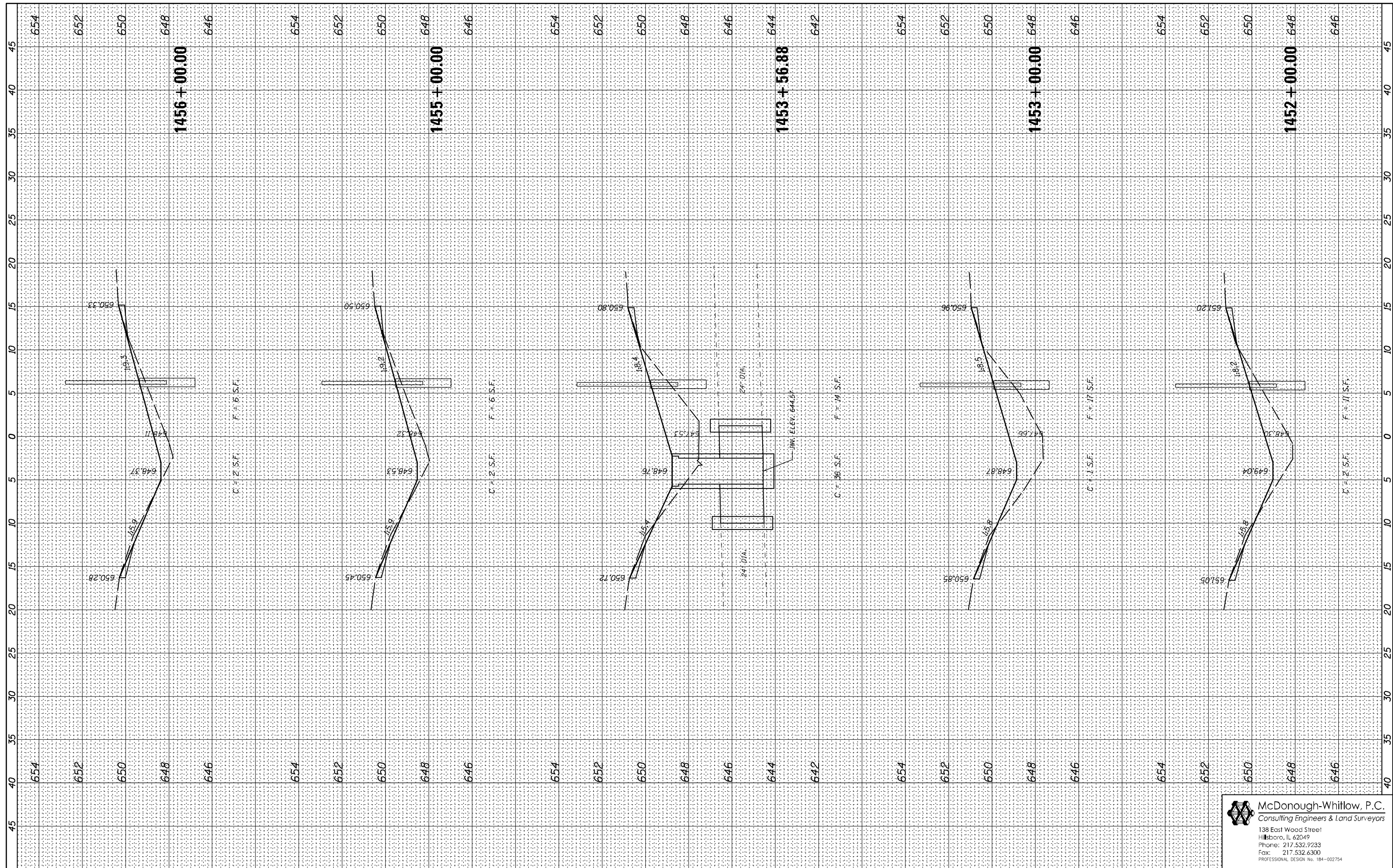
SCALE: SHEET NO. 58 OF 71 SHEETS STA. 1442+00.00 TO STA. 1446+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	107
			CONTRACT NO. 70967	
ILLINOIS FED. AID PROJECT				

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

SCALE: SHEET NO. 60 OF 71 SHEETS STA. 1452+00.00 TO STA. 1456+00.00

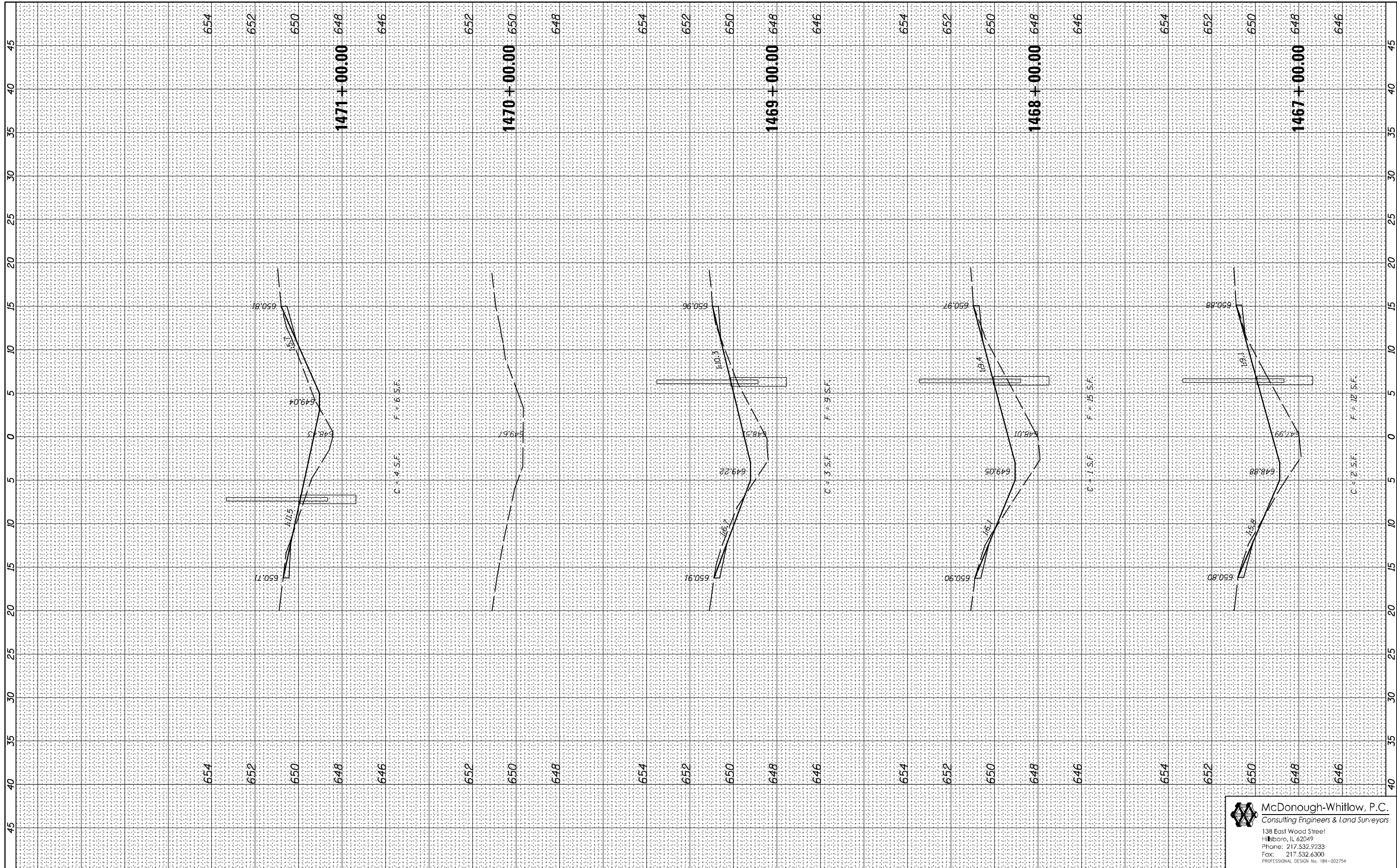
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	109

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

CONTRACT NO. 70967
 ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

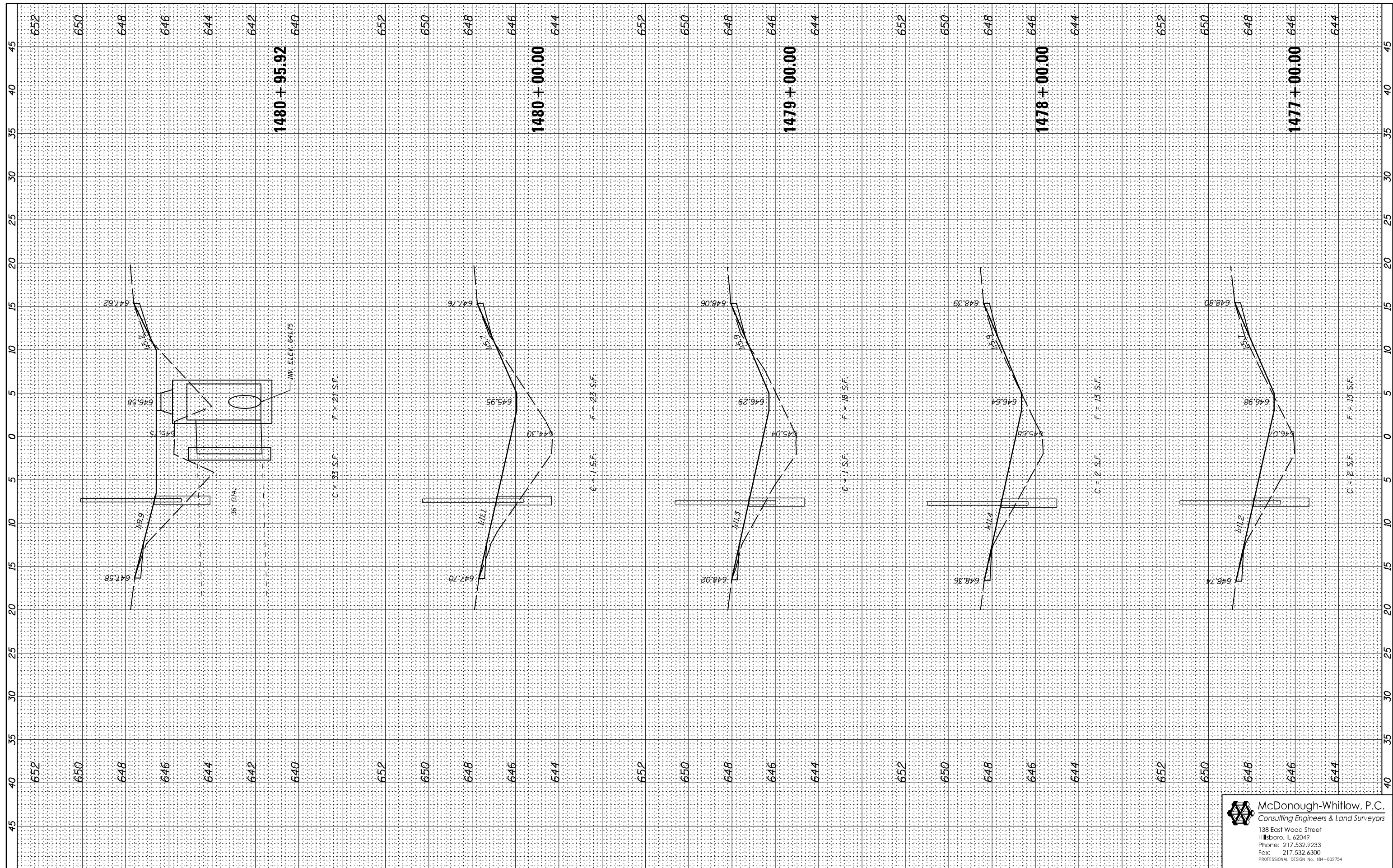
**CROSS SECTIONS
 F.A.I. 74**
 SCALE: SHEET NO. 63 OF 71 SHEETS STA. 1467+00.00 TO STA. 1471+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	112
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

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

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



FILE NAME = D570967-XXX-XXX-XSHT.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -
 PLOT SCALE =
 PLOT DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

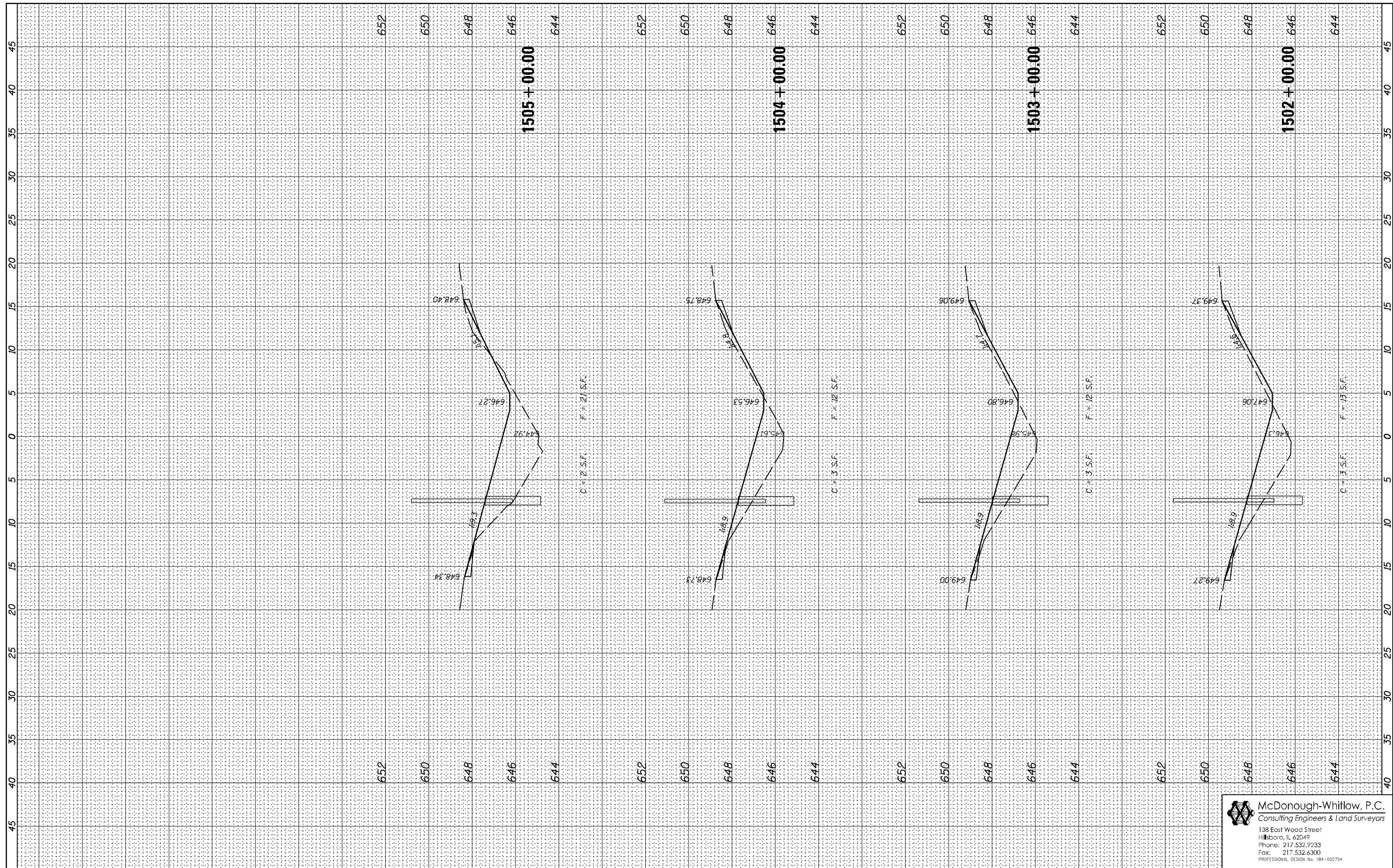
SCALE: SHEET NO. 65 OF 71 SHEETS STA. 1477+00.00 TO STA. 1480+95.92

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	114
			CONTRACT NO. 70967	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = D570967-XXX-XXX-XSSH.dgn

USER NAME = RNH
 DESIGNED - JAH
 DRAWN - RNH
 CHECKED - TMM
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 F.A.I. 74**

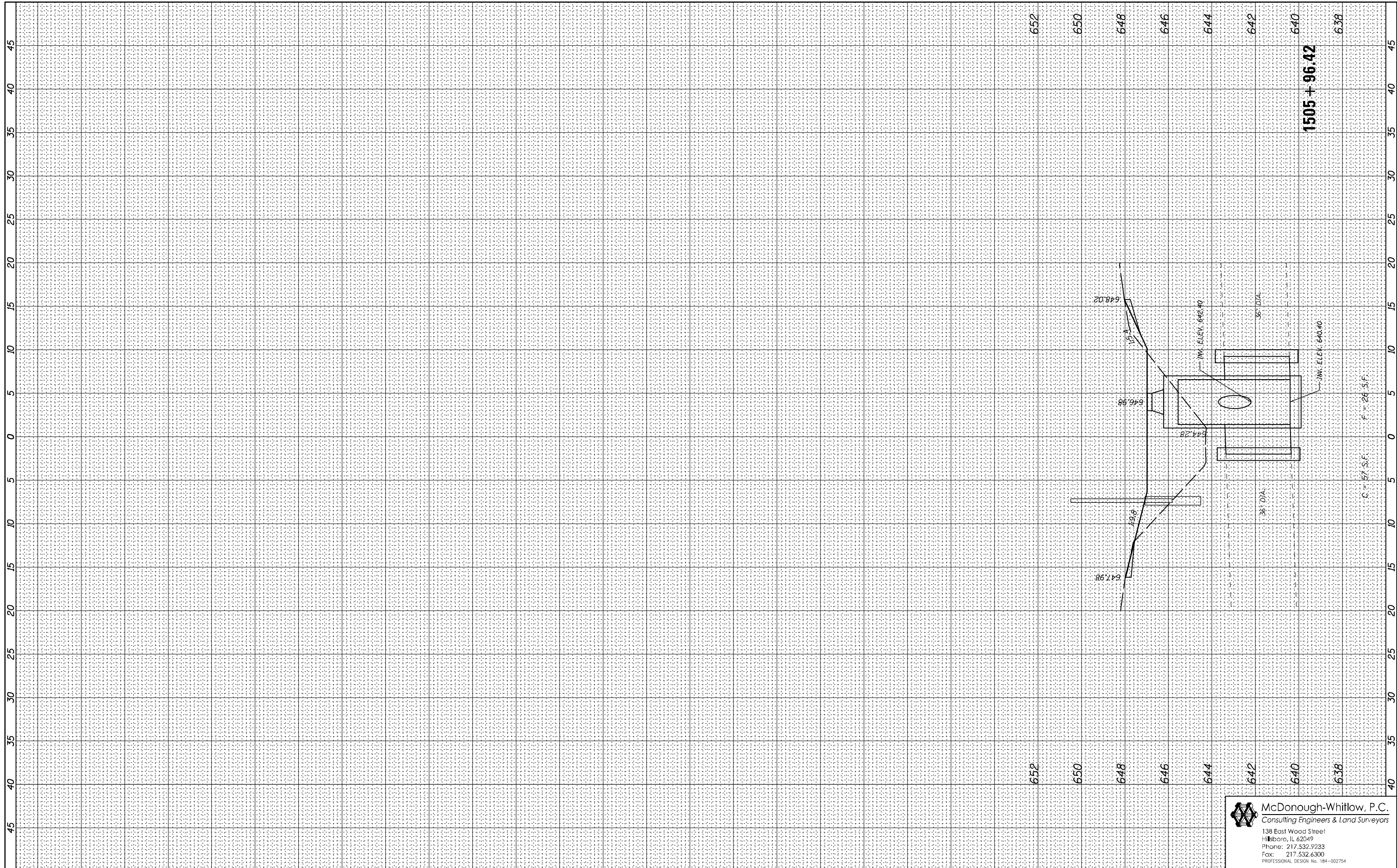
SCALE: SHEET NO. 70 OF 71 SHEETS STA. 1502+00.00 TO STA. 1505+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	119
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 138 East Wood Street
 Hillsboro, IL 62049
 Phone: 217.532.9233
 Fax: 217.532.6300
 PROFESSIONAL DESIGN NO. 184-002754

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = RNH
D570967-XXX-XXX-XSSH.dgn	

DESIGNED - JAH	REVISED -
DRAWN - RNH	REVISED -
CHECKED - TMM	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
F.A.I. 74	
SCALE:	SHEET NO. 71 OF 71 SHEETS STA. 1505+96.42 TO STA. 1505+96.42

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	120
CONTRACT NO. 70967			ILLINOIS FED. AID PROJECT	

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754