

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED ROADWAY IMPROVEMENT

F.A.U. ROUTE 9100
CITY OF GRANITE CITY
MARYVILLE ROAD
SECTION NO. 14-00190-02-RS
MADISON COUNTY
JOB NO. C-98-369-14
PROJECT NO. M-5011 (456)
STU FUNDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-RS	MADISON	25	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 97625	
FEDERAL AID PROJECT				

INDEX OF SHEETS

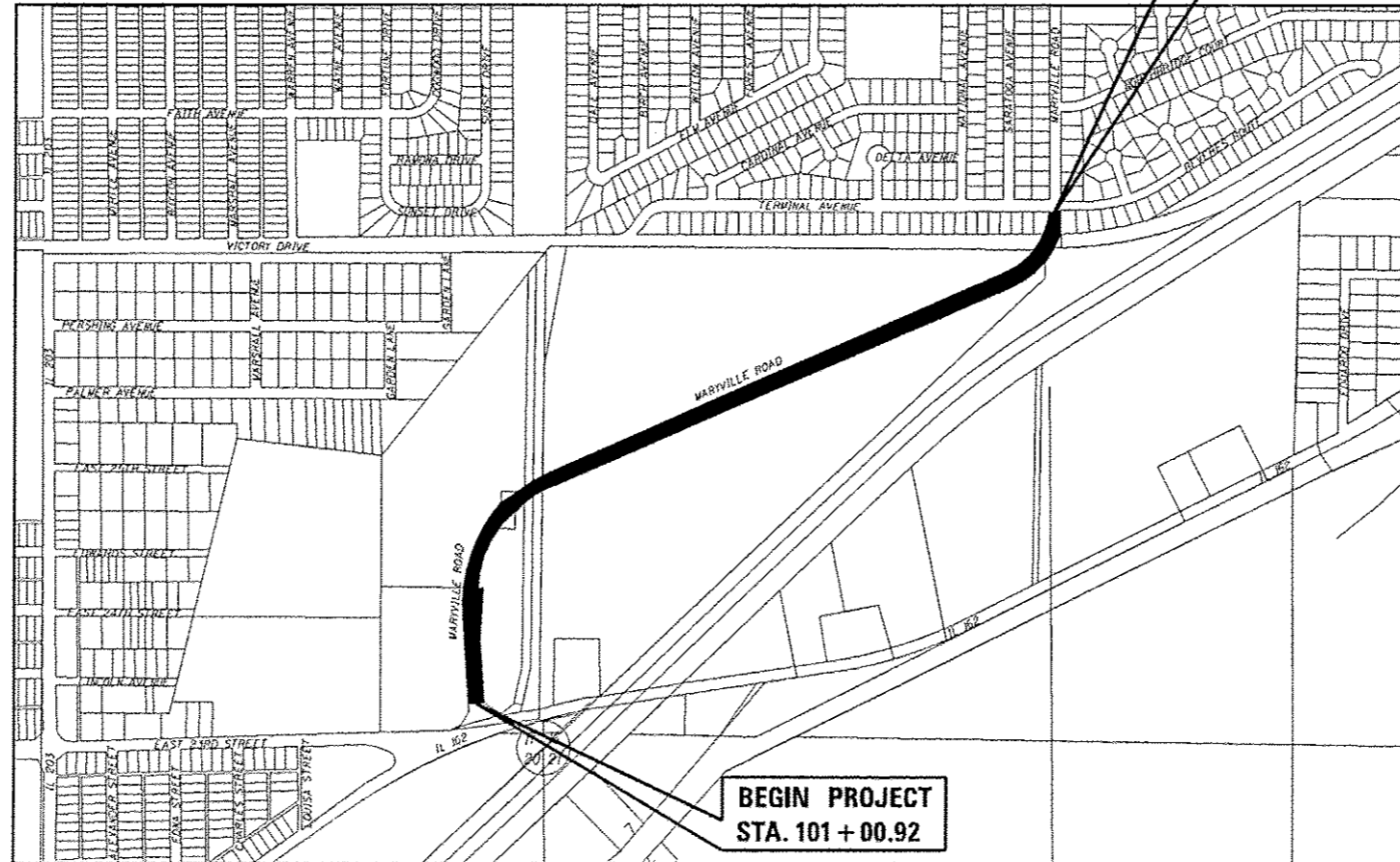
SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	SUMMARY OF QUANTITIES
4-7	TYPICAL SECTIONS
8-10	QUANTITY SCHEDULES
11-18	PLAN AND PROFILE SHEETS
19-22	PAVEMENT MARKING SHEETS
23-24	ADVANCED WARNING SIGNS AND STAGE CONSTRUCTION
25	MISCELLANEOUS DETAILS

STANDARDS

STD. NO.	STD. NO.
000001-06	701901-06
001001-02	720001-01
001006	720006-04
442101-07	720011-01
630001-11	725001-01
701301-04	729001-01
701306-03	780001-05
701311-03	BLR 17-4
701336-06	BLR 18-6
630301-07	

SCALES
 PLAN 1"=20'
 PROFILE HORIZ. 1"=20'
 PROFILE VERT. 1"=5'
 CROSS SECTIONS 1"=10' HORIZ.
 1"=5' VERT.

**END PROJECT
STA. 145 + 38.16**

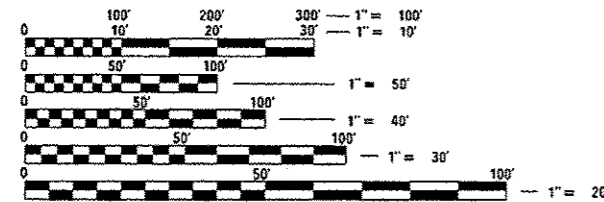
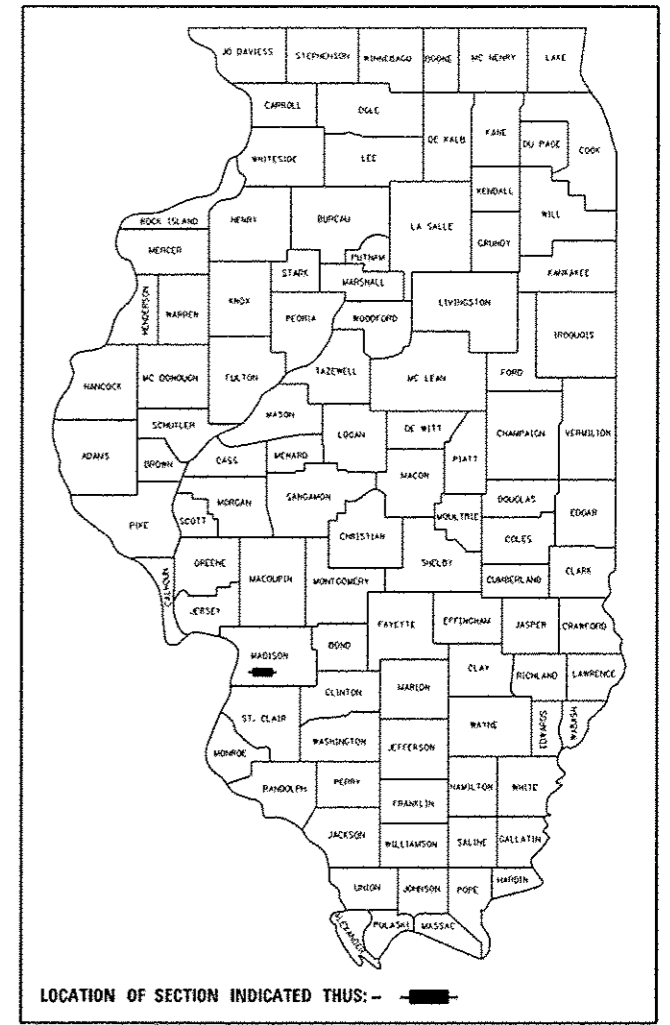


LOCATION MAP

SCALE: 1" = 500'

NET LENGTH OF PROJECT: 4437.24 LIN. FT. = 0.840 MILES

SECTIONS 16 & 17, T. 3 N., R. 9 W., 3RD P.M.



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

DESIGN DESIGNATION: MARYVILLE ROAD
 FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
 ADT: 4100 (2015) 4950 (2035)
 DHV: 495 (2035)
 DESIGN SPEED: 45 MPH



Expires 11-30-17

CITY OF GRANITE CITY

Approved: *[Signature]* 12/20/16
 City of Granite City, Mayor

Passed: 1/5/17
[Signature]
 acting District 8 Engineer of Local Roads & Streets


































Releasing for Bid Based on Limited Review: 1/5/17
[Signature]
 Region 6 Engineer

[Signature] 12/20/16
 BRIAN F. KULICK, P.E. No. 49936 DATE
 Job No. E150207



2100 State Street, P.O. Box 1325 Granite City, IL 62040 618-877-1400 F. 618-452-5541
 100 North Research Drive Edwardsville, IL 62025 618-469-0600 F. 618-650-0041
 330 N. Fourth Street, Suite 200 St. Louis, MO 63102 314-241-4444 F. 314-000-1331
 Professional Design Firm License No. 194.003389

LEGEND

 EVERGREEN (5" DIA)	 FOUND CONCRETE MONUMENT	 WATER LINE
 DECIDUOUS (8" DIA)	 WATER METER	 GAS LINE
 EVERGREEN SHRUB	 GAS METER	 OVERHEAD ELECTRIC LINE
 SHRUB	 WATER VALVE	 TELEPHONE LINE
 FIRE HYDRANT	 GAS VALVE	 CABLE TV LINE
 SIGN	(TBA) TO BE ADJUSTED	 STORM SEWER
 BOLLARD	(TBR) TO BE REMOVED	 SANITARY SEWER
 POWER POLE	(TBR&R) TO BE REMOVED & RELOCATED	 LIGHT POLE
 POWER POLE WITH DOWN GUY	(TBR&RBO) TO BE REMOVED & RELOCATED BY OTHERS	 STORM SEWER MANHOLE
 FENCE	DND DO NOT DISTURB	 SANITARY SEWER MANHOLE
 BENCH MARK	 PROPERTY LINE	 CATCH BASIN
 DITCH/SWALE	 EXIST R.O.W. LINE	 INLET
 EXISTING MAILBOX	 WOOD POST	

GENERAL NOTES:

ILLINOIS STATE LAW REQUIRES A 48-HR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- CITY OF GRANITE CITY STORM SEWER
2000 EDISON AVENUE
GRANITE CITY, IL 62040
(618) 452-6218
ATTN: STEVE WILLAREDT
- MADISON COUNTY SANITARY SANITARY SEWER
301 EAST CHAIN OF ROCKS ROAD
GRANITE CITY, IL 62040
(618) 931-3400
ATTN: FRITZ NEMSKY
- ILLINOIS AMERICAN WATER COMPANY WATER
2000 WEST 24TH STREET
GRANITE CITY, IL 62040
(618) 910-1217
ATTN: RON BEARD
- AMEREN IP GAS
2600 NORTH CENTER STREET
P.O. BOX 378, MC 0-10
MARYVILLE, IL 62062
(618) 346-1270
ATTN: ANDY PARKER
- AMEREN IP ELECTRIC
2600 NORTH CENTER STREET
P.O. BOX 378, MC 0-10
MARYVILLE, IL 62062
(618) 346-1224
ATTN: JUSTIN JOSTES
- ENABLE MIDSTREAM-MISSISSIPPI RIVER TRANSMISSION GAS
1600 S. BRENTWOOD BLVD.
ST. LOUIS, MO 63144
(501) 377-4614
ATTN: RICK HARDESTER
- AT & T TELEPHONE
203 GOETHE STREET
COLLINSVILLE, IL 62234
(630) 573-5450
ATTN: CARL DONAHUE
- CHARTER COMMUNICATIONS CABLE TELEVISION
101 NORTHWEST PLAZA DRIVE
ST. ANN, MO 63074
(636) 387-6633
ATTN: LISA WARD
- ILLINOIS CONSOLIDATED TELEPHONE TELEPHONE
121 S. 17TH ST.
MATTOON, IL 61938
(217) 235-3355
ATTN: WES CHAMBERS
- WINDSTREAM KDL, INC. FIBER OPTIC
9500 COLLINSVILLE ROAD
COLLINSVILLE, IL 62234
(800) 289-1901
ATTN: MARK MILLS

THE CONTRACTOR SHALL CONSTRUCT PAVEMENT SO THAT FLOW ALONG CURBS AND/OR GUTTERS IS MAINTAINED, INCLUDING FLOW THROUGH INTERSECTIONS, AROUND CURB RETURNS AND TO EXISTING INLETS.

EARTHWORK AND MATERIAL REQUIRED IN CONNECTION WITH EXCAVATION, EMBANKMENTS, BACKFILLING BEHIND CURBS, SIDEWALKS, AND DRAINAGE STRUCTURES, AND GRADING AND SHAPING OF AREAS DISTURBED BY THE CONTRACTOR SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO VARIOUS ITEMS OF WORK INVOLVED AND NO ADDITIONAL COMPENSATION OR REMUNERATION WILL BE ALLOWED.

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE AVERAGE THICKNESS. DEVIATIONS FROM THE AVERAGE THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE ROAD MUST REMAIN OPEN AT LEAST ONE LANE IN EACH DIRECTION OF TRAFFIC DURING CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL ADJUST WATER VALVES, MANHOLES, AND OTHER ITEMS LOCATED WITHIN THE EXISTING ROADWAY TO MATCH THE PROPOSED ROADWAY SURFACE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

AT ALL AREAS SHOWN IN THE PLANS WHERE THERE IS MILLING AND RESURFACING, THE MILLING AND RESURFACING OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT IF THERE ARE ANY OBSTRUCTIONS TO EXISTING DRAINAGE STRUCTURES, THESE OBSTRUCTIONS SHALL BE MILLED AWAY AND THE RESURFACING SHALL NOT OBSTRUCT THE STRUCTURE.

The following constants were used in the calculation of quantities for this project:

Hot-Mix Asphalt Concrete	112 LB/S.Y./Inch
Bituminous Materials (prime coat)	0.025 LB/S.F. (fog coat between HMA lifts)
Aggregate (prime coat)	0.05 LB/S.F. (paved surface)
	4 LB/S.Y.

NO OVERNIGHT LANE CLOSURES SHALL BE PERMITTED ON THIS PROJECT.

THE ESTIMATED TONNAGE OF MILLED MATERIAL IS 1989 TONS.

ALL EXCAVATED AREAS DUE TO WIDENING AND/OR PATCHING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ON-SITE INSPECTION PRIOR TO SUBMITTING A BID ON THIS PROJECT. UPON RECEIPT OF A BID, IT SHALL BE ASSUMED THAT THE CONTRACTOR IS FULLY FAMILIAR WITH THE CONSTRUCTION SITE.

OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS, WHETHER JOB SITE OR PLANT SITE, WILL NOT BE PERMITTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY.

- GRANITE CITY FIRE DEPARTMENT 618-452-6231 (NON-EMERGENCY)
- GRANITE CITY POLICE DEPARTMENT 618-451-9760 (NON-EMERGENCY)
- MADISON COUNTY POLICE DEPARTMENT 618-692-4433 (NON-EMERGENCY)

COMMITMENTS

NO COMMITMENTS

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY*, NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY)

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN SECTIONS 16 & 17 OF TOWNSHIP 3 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

**CITY OF GRANITE CITY
MARYVILLE ROAD**

GENERAL NOTES

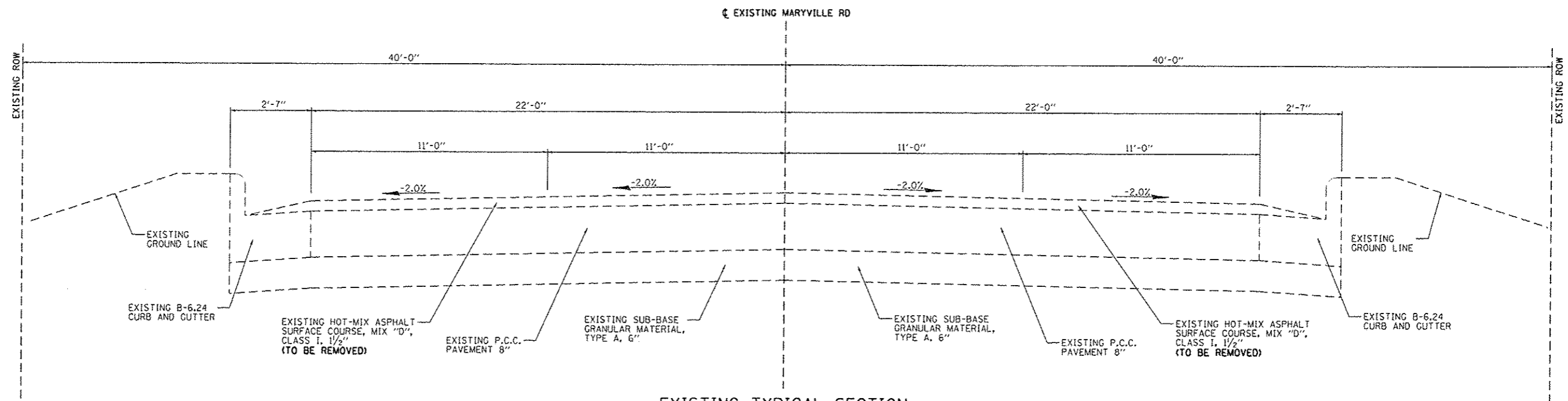
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	PLOT SCALE * 40.0000' / in.	DRAWN - TAK	REVISED -				9100	14-00190-02-RS	MADISON	25	2
JUNEAU JOB NO. E158287	PLOT DATE * 12/21/2016	CHECKED - BFK	REVISED -				CONTRACT NO. 97625			ILLINOIS FED. AID PROJECT	
		DATE - 08/16/16	REVISED -								

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600990	TEMPORARY RAMP	SQ YD	156
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	3205
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10657
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	23681
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	1262
44201299	DOWEL BARS 1 1/2"	EACH	3096
44213200	SAW CUTS	FOOT	8772
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	22187
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	325
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6
* 63200310	GUARDRAIL REMOVAL	FOOT	637.5
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2420
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	403
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11095
* 72000100	SIGN PANEL - TYPE 1	SQ FT	26
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6
* 72900100	METAL POST - TYPE A	FOOT	85
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11095
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	3698
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

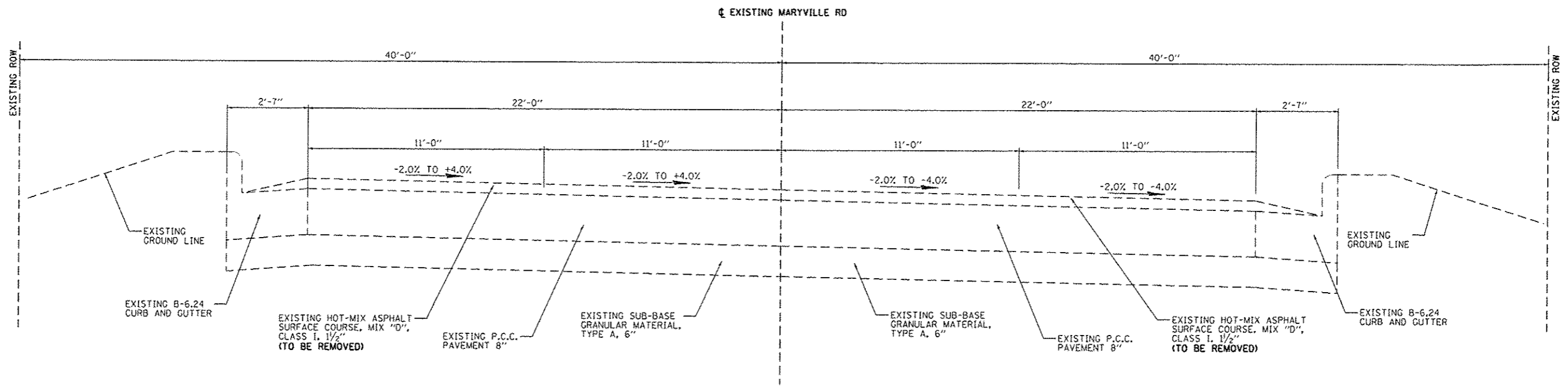
* SPECIALTY ITEMS

FILE NAME * sumquant1.dgn	USER NAME * romesh	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 100.0000' / 1"	DRAWN - TAK	REVISED -					9100	14-00190-02-RS	MADISON	25	3
JUNEAU JOB NO. E150207	PLOT DATE * 12/22/2016	CHECKED - BFK	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	DATE - 08/16/16	REVISOR -	REVISED -		CONTRACT NO. 97625							



EXISTING TYPICAL SECTION

MARYVILLE ROAD
 STA. 101+00.92 TO STA. 105+50.00
 STA. 115+75.00 TO STA. 140+25.00

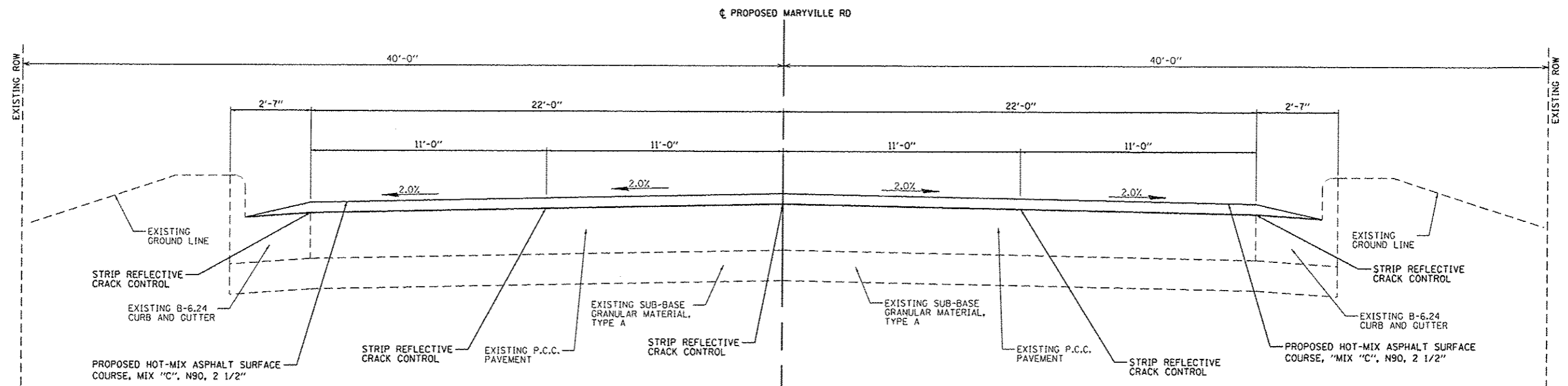


EXISTING TYPICAL SECTION

MARYVILLE ROAD
 STA. 105+50.00 TO STA. 115+75.00

EXISTING SUPERELEVATION CURVE 1

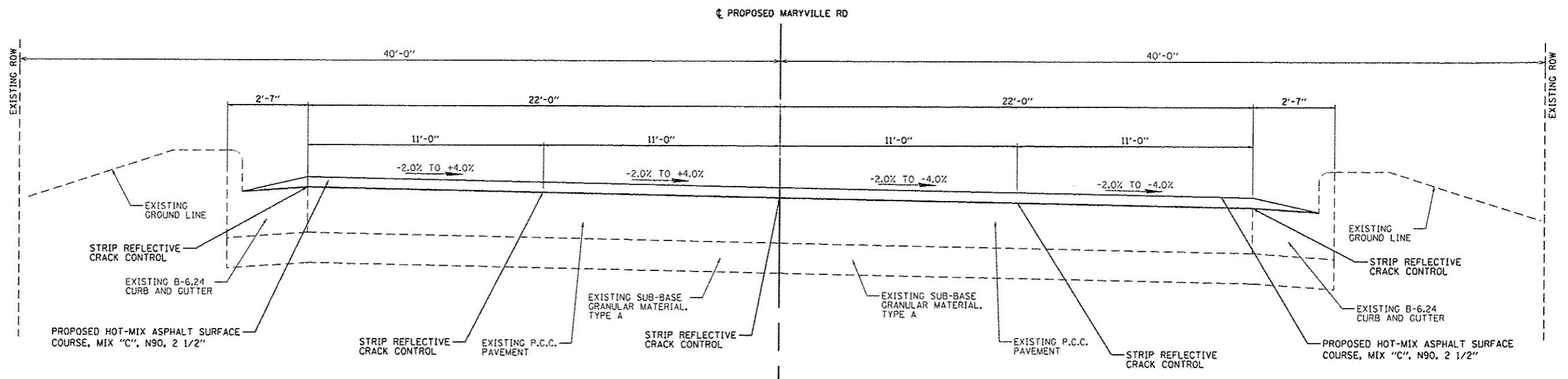
LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
STA. 105+50.00 (NORMAL CROWN)	-2.0	-2.0
STA. 105+75.00	0.0	-2.0
STA. 106+00.00	+2.0	-2.0
STA. 106+75.00 TO STA. 114+50.00 (FULL SUPER)	+4.0	-4.0
STA. 114+75.00	+2.0	-2.0
STA. 115+25.00	0.0	2.0
STA. 115+75.00 (NORMAL CROWN)	-2.0	-2.0



PROPOSED TYPICAL SECTION

MARYVILLE ROAD

STA. 101+00.92 TO STA. 105+50.00
STA. 115+75.00 TO STA. 140+25.00



PROPOSED TYPICAL SECTION

MARYVILLE ROAD

STA. 105+50.00 TO STA. 115+75.00

PROPOSED SUPERELEVATION CURVE 1

LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
STA. 105+50.00 (NORMAL CROWN)	-2.0	-2.0
TRANSITION		
STA. 105+75.00	0.0	-2.0
TRANSITION		
STA. 106+00.00	+2.0	-2.0
TRANSITION		
STA. 106+75.00 TO STA. 114+50.00 (FULL SUPER)	+4.0	-4.0
TRANSITION		
STA. 114+75.00	+2.0	-2.0
TRANSITION		
STA. 115+25.00	0.0	-2.0
TRANSITION		
STA. 115+75.00 (NORMAL CROWN)	-2.0	-2.0

FILE NAME *
typ proposed maryville.dgn
JUNEAU JOB NO. E150207

USER NAME * romesh
PLOT SCALE * 1/8" = 10'-0" / in.
PLOT DATE * 12/21/2016

DESIGNED - BFK
DRAWN - TAK
CHECKED - BFK
DATE - 08/16/16

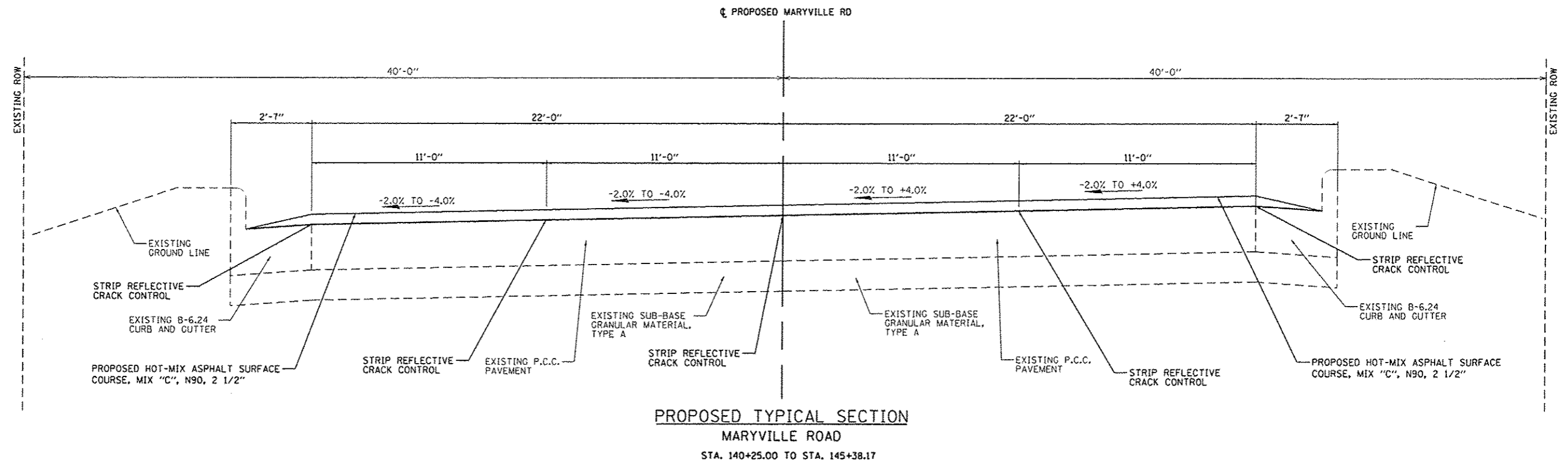
REVISED -
REVISED -
REVISED -
REVISED -

**CITY OF GRANITE CITY
MARYVILLE ROAD**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-R5	MADISON	25	6
CONTRACT NO. 97625			ILLINOIS FED. AID PROJECT	



PROPOSED SUPERELEVATION CURVES 2-4

LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
STA. 140+25.00 (NORMAL CROWN)	-2.0	-2.0
TRANSITION		
STA. 141+00.00	-2.0	0.0
TRANSITION		
STA. 141+25.00	-2.0	+2.0
TRANSITION		
STA. 142+00.00 TO STA. 144+75.00 (FULL SUPER)	-4.0	+4.0
TRANSITION		
STA. 145+60.00	-2.0	+2.0
TRANSITION		
STA. 145+70.00	-2.0	0.0
TRANSITION		
STA. 145+75.00 (NORMAL CROWN)	-2.0	-2.0

FILE NAME *
typ proposed maryville02.dgn
JUNEAU JOB NO. E150207

USER NAME * ramosh
PLOT SCALE = 40,0000 1 / in.
PLOT DATE = 12/21/2016

DESIGNED - BFK
DRAWN - TAK
CHECKED - BFK
DATE - 08/16/16

REVISED -
REVISED -
REVISED -
REVISED -

**CITY OF GRANITE CITY
MARYVILLE ROAD**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-R5	MADISON	25	7
CONTRACT NO. 97625			ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE

LOCATION	WIDTH (FT)	PATCHES CLASS B, TYPE II 10" (SQ YD)	DOWEL BARS 1 1/2" (EACH)	SAW CUTS (FOOT)
MARYVILLE ROAD				
STA. 102+00.69 - 00.00' LT TO STA. 102+06.69 - 00.00' LT	11	7.33	18	51
STA. 102+00.69 - 11.00' LT TO STA. 102+06.69 - 11.00' LT	11	7.33	18	51
STA. 102+00.69 - 00.00' RT TO STA. 102+06.69 - 00.00' RT	11	7.33	18	51
STA. 102+00.69 - 11.00' RT TO STA. 102+06.69 - 11.00' RT	11	7.33	18	51
STA. 102+51.88 - 00.00' LT TO STA. 102+57.88 - 00.00' LT	11	7.33	18	51
STA. 102+51.88 - 11.00' LT TO STA. 102+57.88 - 11.00' LT	11	7.33	18	51
STA. 102+51.88 - 00.00' RT TO STA. 102+57.88 - 00.00' RT	11	7.33	18	51
STA. 102+51.88 - 11.00' RT TO STA. 102+57.88 - 11.00' RT	11	7.33	18	51
STA. 103+80.21 - 00.00' LT TO STA. 103+86.21 - 00.00' LT	11	7.33	18	51
STA. 103+80.21 - 11.00' LT TO STA. 103+86.21 - 11.00' LT	11	7.33	18	51
STA. 103+80.21 - 00.00' RT TO STA. 103+86.21 - 00.00' RT	11	7.33	18	51
STA. 103+80.21 - 11.00' RT TO STA. 103+86.21 - 11.00' RT	11	7.33	18	51
STA. 104+51.57 - 00.00' RT TO STA. 104+57.57 - 00.00' RT	11	7.33	18	51
STA. 104+51.57 - 11.00' RT TO STA. 104+57.57 - 11.00' RT	11	7.33	18	51
STA. 105+51.57 - 00.00' LT TO STA. 105+57.57 - 00.00' LT	11	7.33	18	51
STA. 105+51.57 - 11.00' LT TO STA. 105+57.57 - 11.00' LT	11	7.33	18	51
STA. 105+51.57 - 00.00' RT TO STA. 105+57.57 - 00.00' RT	11	7.33	18	51
STA. 105+51.57 - 11.00' RT TO STA. 105+57.57 - 11.00' RT	11	7.33	18	51
STA. 106+51.30 - 00.00' LT TO STA. 106+57.30 - 00.00' LT	11	7.33	18	51
STA. 106+51.30 - 11.00' LT TO STA. 106+57.30 - 11.00' LT	11	7.33	18	51
STA. 106+51.30 - 00.00' RT TO STA. 106+57.30 - 00.00' RT	11	7.33	18	51
STA. 106+51.30 - 11.00' RT TO STA. 106+57.30 - 11.00' RT	11	7.33	18	51
STA. 107+51.15 - 00.00' LT TO STA. 107+57.15 - 00.00' LT	11	7.33	18	51
STA. 107+51.15 - 11.00' LT TO STA. 107+57.15 - 11.00' LT	11	7.33	18	51
STA. 107+51.15 - 00.00' RT TO STA. 107+57.15 - 00.00' RT	11	7.33	18	51
STA. 107+51.15 - 11.00' RT TO STA. 107+57.15 - 11.00' RT	11	7.33	18	51
STA. 108+51.08 - 00.00' LT TO STA. 108+57.08 - 00.00' LT	11	7.33	18	51
STA. 108+51.08 - 11.00' LT TO STA. 108+57.08 - 11.00' LT	11	7.33	18	51
STA. 108+51.08 - 00.00' RT TO STA. 108+57.08 - 00.00' RT	11	7.33	18	51
STA. 108+51.08 - 11.00' RT TO STA. 108+57.08 - 11.00' RT	11	7.33	18	51
STA. 109+51.65 - 00.00' RT TO STA. 109+57.65 - 00.00' RT	11	7.33	18	51
STA. 109+51.65 - 11.00' RT TO STA. 109+57.65 - 11.00' RT	11	7.33	18	51
STA. 110+51.27 - 00.00' LT TO STA. 110+57.27 - 00.00' LT	11	7.33	18	51
STA. 110+51.27 - 11.00' LT TO STA. 110+57.27 - 11.00' LT	11	7.33	18	51
STA. 110+51.27 - 00.00' RT TO STA. 110+57.27 - 00.00' RT	11	7.33	18	51
STA. 110+51.27 - 11.00' RT TO STA. 110+57.27 - 11.00' RT	11	7.33	18	51
STA. 111+51.00 - 00.00' LT TO STA. 111+57.00 - 00.00' LT	11	7.33	18	51
STA. 111+51.00 - 11.00' LT TO STA. 111+57.00 - 11.00' LT	11	7.33	18	51
STA. 111+51.00 - 00.00' RT TO STA. 111+57.00 - 00.00' RT	11	7.33	18	51
STA. 111+51.00 - 11.00' RT TO STA. 111+57.00 - 11.00' RT	11	7.33	18	51
STA. 112+50.89 - 00.00' LT TO STA. 112+56.89 - 00.00' LT	11	7.33	18	51
STA. 112+50.89 - 11.00' LT TO STA. 112+56.89 - 11.00' LT	11	7.33	18	51
STA. 112+50.89 - 00.00' RT TO STA. 112+56.89 - 00.00' RT	11	7.33	18	51
STA. 112+50.89 - 11.00' RT TO STA. 112+56.89 - 11.00' RT	11	7.33	18	51
STA. 113+51.23 - 00.00' LT TO STA. 113+57.23 - 00.00' LT	11	7.33	18	51
STA. 113+51.23 - 11.00' LT TO STA. 113+57.23 - 11.00' LT	11	7.33	18	51
STA. 113+51.23 - 00.00' RT TO STA. 113+57.23 - 00.00' RT	11	7.33	18	51
STA. 113+51.23 - 11.00' RT TO STA. 113+57.23 - 11.00' RT	11	7.33	18	51
STA. 114+52.02 - 00.00' LT TO STA. 114+58.02 - 00.00' LT	11	7.33	18	51
STA. 114+52.02 - 11.00' LT TO STA. 114+58.02 - 11.00' LT	11	7.33	18	51
STA. 114+52.02 - 00.00' RT TO STA. 114+58.02 - 00.00' RT	11	7.33	18	51
STA. 114+52.02 - 11.00' RT TO STA. 114+58.02 - 11.00' RT	11	7.33	18	51
STA. 115+51.97 - 00.00' LT TO STA. 115+57.97 - 00.00' LT	11	7.33	18	51
STA. 115+51.97 - 11.00' LT TO STA. 115+57.97 - 11.00' LT	11	7.33	18	51
STA. 115+51.97 - 00.00' RT TO STA. 115+57.97 - 00.00' RT	11	7.33	18	51
STA. 115+51.97 - 11.00' RT TO STA. 115+57.97 - 11.00' RT	11	7.33	18	51
SUBTOTAL 1		411	1008	2856

PATCHING SCHEDULE CONT.

LOCATION	WIDTH (FT)	PATCHES CLASS B, TYPE II 10" (SQ YD)	DOWEL BARS 1 1/2" (EACH)	SAW CUTS (FOOT)
MARYVILLE ROAD				
STA. 116+52.45 - 00.00' LT TO STA. 116+58.45 - 00.00' LT	11	7.33	18	51
STA. 116+52.45 - 11.00' LT TO STA. 116+58.45 - 11.00' LT	11	7.33	18	51
STA. 116+52.45 - 00.00' RT TO STA. 116+58.45 - 00.00' RT	11	7.33	18	51
STA. 116+52.45 - 11.00' RT TO STA. 116+58.45 - 11.00' RT	11	7.33	18	51
STA. 117+51.99 - 00.00' LT TO STA. 117+57.99 - 00.00' LT	11	7.33	18	51
STA. 117+51.99 - 11.00' LT TO STA. 117+57.99 - 11.00' LT	11	7.33	18	51
STA. 117+51.99 - 00.00' RT TO STA. 117+57.99 - 00.00' RT	11	7.33	18	51
STA. 117+51.99 - 11.00' RT TO STA. 117+57.99 - 11.00' RT	11	7.33	18	51
STA. 118+51.51 - 00.00' LT TO STA. 118+57.51 - 00.00' LT	11	7.33	18	51
STA. 118+51.51 - 11.00' LT TO STA. 118+57.51 - 11.00' LT	11	7.33	18	51
STA. 118+51.51 - 00.00' RT TO STA. 118+57.51 - 00.00' RT	11	7.33	18	51
STA. 118+51.51 - 11.00' RT TO STA. 118+57.51 - 11.00' RT	11	7.33	18	51
STA. 119+51.33 - 00.00' LT TO STA. 119+57.33 - 00.00' LT	11	7.33	18	51
STA. 119+51.33 - 11.00' LT TO STA. 119+57.33 - 11.00' LT	11	7.33	18	51
STA. 119+51.33 - 00.00' RT TO STA. 119+57.33 - 00.00' RT	11	7.33	18	51
STA. 119+51.33 - 11.00' RT TO STA. 119+57.33 - 11.00' RT	11	7.33	18	51
STA. 120+53.41 - 00.00' LT TO STA. 120+59.41 - 00.00' LT	11	7.33	18	51
STA. 120+53.41 - 11.00' LT TO STA. 120+59.41 - 11.00' LT	11	7.33	18	51
STA. 120+53.41 - 00.00' RT TO STA. 120+59.41 - 00.00' RT	11	7.33	18	51
STA. 120+53.41 - 11.00' RT TO STA. 120+59.41 - 11.00' RT	11	7.33	18	51
STA. 121+52.35 - 00.00' LT TO STA. 121+58.35 - 00.00' LT	11	7.33	18	51
STA. 121+52.35 - 11.00' LT TO STA. 121+58.35 - 11.00' LT	11	7.33	18	51
STA. 121+52.35 - 00.00' RT TO STA. 121+58.35 - 00.00' RT	11	7.33	18	51
STA. 121+52.35 - 11.00' RT TO STA. 121+58.35 - 11.00' RT	11	7.33	18	51
STA. 122+52.52 - 00.00' LT TO STA. 122+58.52 - 00.00' LT	11	7.33	18	51
STA. 122+52.52 - 11.00' LT TO STA. 122+58.52 - 11.00' LT	11	7.33	18	51
STA. 122+52.52 - 00.00' RT TO STA. 122+58.52 - 00.00' RT	11	7.33	18	51
STA. 122+52.52 - 11.00' RT TO STA. 122+58.52 - 11.00' RT	11	7.33	18	51
STA. 123+52.23 - 00.00' LT TO STA. 123+58.23 - 00.00' LT	11	7.33	18	51
STA. 123+52.23 - 11.00' LT TO STA. 123+58.23 - 11.00' LT	11	7.33	18	51
STA. 123+52.23 - 00.00' RT TO STA. 123+58.23 - 00.00' RT	11	7.33	18	51
STA. 123+52.23 - 11.00' RT TO STA. 123+58.23 - 11.00' RT	11	7.33	18	51
STA. 124+52.52 - 00.00' LT TO STA. 124+58.52 - 00.00' LT	11	7.33	18	51
STA. 124+52.52 - 11.00' LT TO STA. 124+58.52 - 11.00' LT	11	7.33	18	51
STA. 124+52.52 - 00.00' RT TO STA. 124+58.52 - 00.00' RT	11	7.33	18	51
STA. 124+52.52 - 11.00' RT TO STA. 124+58.52 - 11.00' RT	11	7.33	18	51
STA. 125+52.19 - 00.00' LT TO STA. 125+58.19 - 00.00' LT	11	7.33	18	51
STA. 125+52.19 - 11.00' LT TO STA. 125+58.19 - 11.00' LT	11	7.33	18	51
STA. 125+52.19 - 00.00' RT TO STA. 125+58.19 - 00.00' RT	11	7.33	18	51
STA. 125+52.19 - 11.00' RT TO STA. 125+58.19 - 11.00' RT	11	7.33	18	51
STA. 126+52.02 - 00.00' LT TO STA. 126+58.02 - 00.00' LT	11	7.33	18	51
STA. 126+52.02 - 11.00' LT TO STA. 126+58.02 - 11.00' LT	11	7.33	18	51
STA. 126+52.02 - 00.00' RT TO STA. 126+58.02 - 00.00' RT	11	7.33	18	51
STA. 126+52.02 - 11.00' RT TO STA. 126+58.02 - 11.00' RT	11	7.33	18	51
STA. 127+51.56 - 00.00' LT TO STA. 127+57.56 - 00.00' LT	11	7.33	18	51
STA. 127+51.56 - 11.00' LT TO STA. 127+57.56 - 11.00' LT	11	7.33	18	51
STA. 127+51.56 - 00.00' RT TO STA. 127+57.56 - 00.00' RT	11	7.33	18	51
STA. 127+51.56 - 11.00' RT TO STA. 127+57.56 - 11.00' RT	11	7.33	18	51
STA. 128+51.40 - 00.00' LT TO STA. 128+57.40 - 00.00' LT	11	7.33	18	51
STA. 128+51.40 - 11.00' LT TO STA. 128+57.40 - 11.00' LT	11	7.33	18	51
STA. 128+51.40 - 00.00' RT TO STA. 128+57.40 - 00.00' RT	11	7.33	18	51
STA. 128+51.40 - 11.00' RT TO STA. 128+57.40 - 11.00' RT	11	7.33	18	51
STA. 129+51.66 - 00.00' LT TO STA. 129+57.66 - 00.00' LT	11	7.33	18	51
STA. 129+51.66 - 11.00' LT TO STA. 129+57.66 - 11.00' LT	11	7.33	18	51
STA. 129+51.66 - 00.00' RT TO STA. 129+57.66 - 00.00' RT	11	7.33	18	51
STA. 129+51.66 - 11.00' RT TO STA. 129+57.66 - 11.00' RT	11	7.33	18	51
SUBTOTAL 2		411	1008	2856

PATCHING SCHEDULE CONT.

LOCATION	WIDTH (FT)	PATCHES CLASS B, TYPE II 10" (SQ YD)	DOWEL BARS 1 1/2" (EACH)	SAW CUTS (FOOT)
MARYVILLE ROAD				
STA. 130+52.03 - 00.00' LT TO STA. 130+58.03 - 00.00' LT	11	7.33	18	51
STA. 130+52.03 - 11.00' LT TO STA. 130+58.03 - 11.00' LT	11	7.33	18	51
STA. 130+52.03 - 00.00' RT TO STA. 130+58.03 - 00.00' RT	11	7.33	18	51
STA. 130+52.03 - 11.00' RT TO STA. 130+58.03 - 11.00' RT	11	7.33	18	51
STA. 131+51.20 - 00.00' LT TO STA. 131+57.20 - 00.00' LT	11	7.33	18	51
STA. 131+51.20 - 11.00' LT TO STA. 131+57.20 - 11.00' LT	11	7.33	18	51
STA. 131+51.20 - 00.00' RT TO STA. 131+57.20 - 00.00' RT	11	7.33	18	51
STA. 131+51.20 - 11.00' RT TO STA. 131+57.20 - 11.00' RT	11	7.33	18	51
STA. 132+52.09 - 00.00' LT TO STA. 132+58.09 - 00.00' LT	11	7.33	18	51
STA. 132+52.09 - 11.00' LT TO STA. 132+58.09 - 11.00' LT	11	7.33	18	51
STA. 132+52.09 - 00.00' RT TO STA. 132+58.09 - 00.00' RT	11	7.33	18	51
STA. 132+52.09 - 11.00' RT TO STA. 132+58.09 - 11.00' RT	11	7.33	18	51
STA. 133+51.28 - 00.00' LT TO STA. 133+57.28 - 00.00' LT	11	7.33	18	51
STA. 133+51.28 - 11.00' LT TO STA. 133+57.28 - 11.00' LT	11	7.33	18	51
STA. 133+51.28 - 00.00' RT TO STA. 133+57.28 - 00.00' RT	11	7.33	18	51
STA. 133+51.28 - 11.00' RT TO STA. 133+57.28 - 11.00' RT	11	7.33	18	51
STA. 134+51.33 - 00.00' LT TO STA. 134+57.33 - 00.00' LT	11	7.33	18	51
STA. 134+51.33 - 11.00' LT TO STA. 134+57.33 - 11.00' LT	11	7.33	18	51
STA. 134+51.33 - 00.00' RT TO STA. 134+57.33 - 00.00' RT	11	7.33	18	51
STA. 134+51.33 - 11.00' RT TO STA. 134+57.33 - 11.00' RT	11	7.33	18	51
STA. 135+51.70 - 00.00' LT TO STA. 135+57.70 - 00.00' LT	11	7.33	18	51
STA. 135+51.70 - 11.00' LT TO STA. 135+57.70 - 11.00' LT	11	7.33	18	51
STA. 135+51.70 - 00.00' RT TO STA. 135+57.70 - 00.00' RT	11	7.33	18	51
STA. 135+51.70 - 11.00' RT TO STA. 135+57.70 - 11.00' RT	11	7.33	18	51
STA. 136+50.85 - 00.00' LT TO STA. 136+56.85 - 00.00' LT	11	7.33	18	51
STA. 136+50.85 - 11.00' LT TO STA. 136+56.85 - 11.00' LT	11	7.33	18	51
STA. 136+50.85 - 00.00' RT TO STA. 136+56.85 - 00.00' RT	11	7.33	18	51
STA. 136+50.85 - 11.00' RT TO STA. 136+56.85 - 11.00' RT	11	7.33	18	51
STA. 137+51.10 - 00.00' LT TO STA. 137+57.10 - 00.00' LT	11	7.33	18	51
STA. 137+51.10 - 11.00' LT TO STA. 137+57.10 - 11.00' LT	11	7.33	18	51
STA. 137+51.10 - 00.00' RT TO STA. 137+57.10 - 00.00' RT	11	7.33	18	51
STA. 137+51.10 - 11.00' RT TO STA. 137+57.10 - 11.00' RT	11	7.33	18	51
STA. 138+50.66 - 00.00' LT TO STA. 138+56.66 - 00.00' LT	11	7.33	18	51
STA. 138+50.66 - 11.00' LT TO STA. 138+56.66 - 11.00' LT	11	7.33	18	51
STA. 138+50.66 - 00.00' RT TO STA. 138+56.66 - 00.00' RT	11	7.33	18	51
STA. 138+50.66 - 11.00' RT TO STA. 138+56.66 - 11.00' RT	11	7.33	18	51
STA. 139+51.41 - 00.00' LT TO STA. 139+57.41 - 00.00' LT	11	7.33	18	51
STA. 139+51.41 - 11.00' LT TO STA. 139+57.41 - 11.00' LT	11	7.33	18	51
STA. 139+51.41 - 00.00' RT TO STA. 139+57.41 - 00.00' RT	11	7.33	18	51
STA. 139+51.41 - 11.00' RT TO STA. 139+57.41 - 11.00' RT	11	7.33	18	51
STA. 140+51.71 - 00.00' LT TO STA. 140+57.71 - 00.00' LT	11	7.33	18	51
STA. 140+51.71 - 11.00' LT TO STA. 140+57.71 - 11.00' LT	11	7.33	18	51
STA. 140+51.71 - 00.00' RT TO STA. 140+57.71 - 00.00' RT	11	7.33	18	51
STA. 140+51.71 - 11.00' RT TO STA. 140+57.71 - 11.00' RT	11	7.33	18	51
STA. 141+51.12 - 00.00' LT TO STA. 141+57.12 - 00.00' LT	11	7.33	18	51
STA. 141+51.12 - 11.00' LT TO STA. 141+57.12 - 11.00' LT	11	7.33	18	51
STA. 141+51.12 - 00.00' RT TO STA. 141+57.12 - 00.00' RT	11	7.33	18	51
STA. 141+51.12 - 11.00' RT TO STA. 141+57.12 - 11.00' RT	11	7.33	18	51
STA. 142+51.46 - 00.00' LT TO STA. 142+57.46 - 00.00' LT	11	7.33	18	51
STA. 142+51.46 - 11.00' LT TO STA. 142+57.46 - 11.00' LT	11	7.33	18	51
STA. 142+51.46 - 00.00' RT TO STA. 142+57.46 - 00.00' RT	11	7.33	18	51
STA. 142+51.46 - 11.00' RT TO STA. 142+57.46 - 11.00' RT	11	7.33	18	51
STA. 143+53.44 - 00.00' LT TO STA. 143+59.44 - 00.00' LT	11	7.33	18	51
STA. 143+53.44 - 11.00' LT TO STA. 143+59.44 - 11.00' LT	11	7.33	18	51
STA. 143+53.44 - 00.00' RT TO STA. 143+59.44 - 00.00' RT	11	7.33	18	51
STA. 143+53.44 - 11.00' RT TO STA. 143+59.44 - 11.00' RT	11	7.33	18	51
STA. 144+52.25 - 00.00' LT TO STA. 144+58.25 - 00.00' LT	11	7.33	18	51
STA. 144+52.25 - 11.00' LT TO STA. 144+58.25 - 11.00' LT	11	7.33	18	51
STA. 144+52.25 - 00.00' RT TO STA. 144+58.25 - 00.00' RT	11	7.33	18	51
STA. 144+52.25 - 11.00' RT TO STA. 144+58.25 - 11.00' RT	11	7.33	18	51
SUBTOTAL 1		411	1008	2856
SUBTOTAL 2		411	1008	2856
SUBTOTAL 3		440	1080	3060
TOTAL		1262	3096	8772

PAVING SCHEDULE

LOCATION	PAVEMENT AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (LBS)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N90, 2 1/2" (TON)
MARYVILLE ROAD			
STA. 101+00.92 TO STA. 145+38.16	21709.0	9769.1	3039.3
GUTTER WEDGE	1972.1	887.4	165.7
TOTAL	23681	10657	3205

TEMPORARY RAMPS SCHEDULE

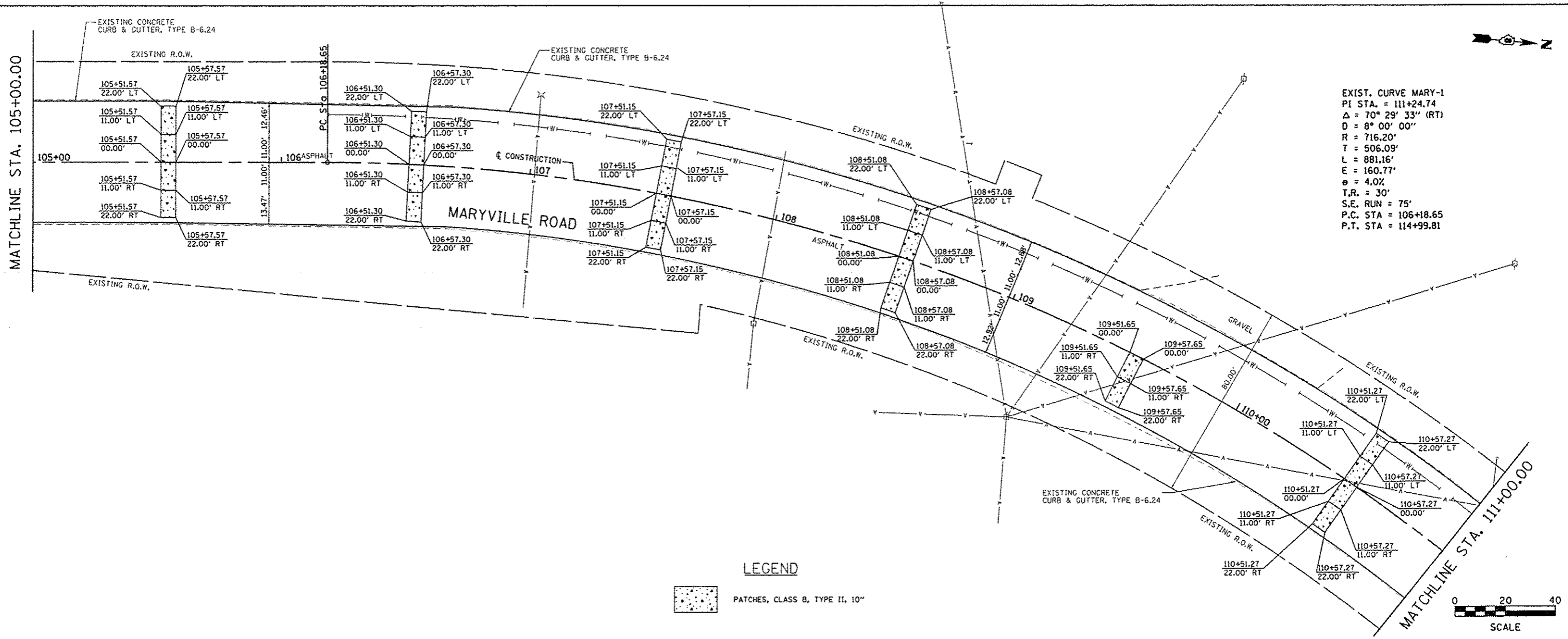
LOCATION	TEMPORARY RAMP (SQ YD)
MARYVILLE ROAD	
STA. 101+00.92 - 0.00' TO STA. 101+09.25 - 0.00'	49.2
STA. 136+95.90 - 23.42' LT TO STA. 136+95.90 - 31.75' LT	61.5
STA. 145+29.83 - 0.00' TO STA. 145+38.16 - 0.00'	44.8
TOTAL	156

HOT-MIX ASPHALT SURFACE REMOVAL

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)
MARYVILLE ROAD	
STA. 101+00.92 TO STA. 145+38.16	21709.0
GUTTER WEDGE	1972.1
TOTAL	23681


PLAN	DATE	
NO. _____	_____	
BY _____	_____	
DATE _____	_____	
REVISIONS		
NO.	DATE	DESCRIPTION

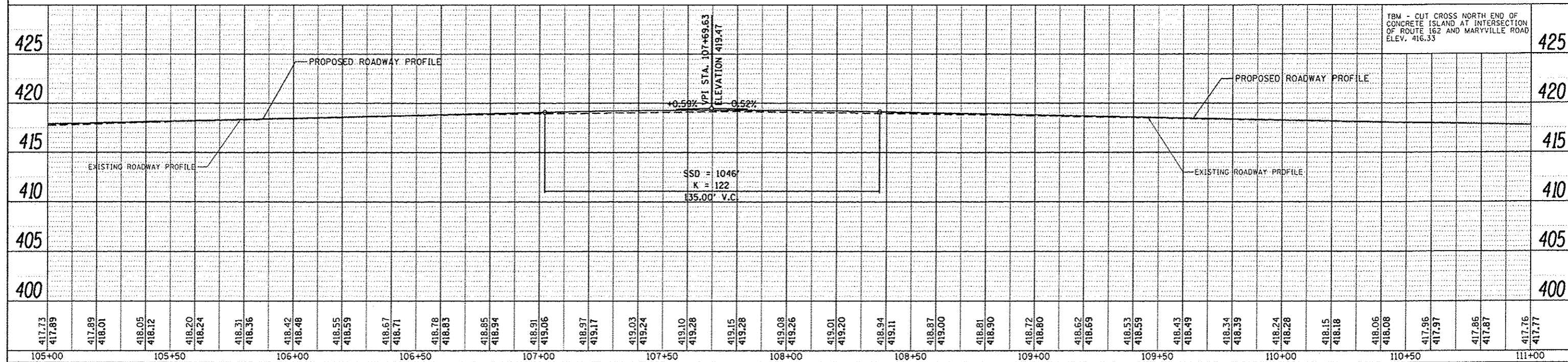
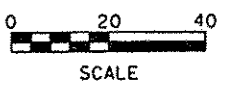
PROFILE	DATE	
NO. _____	_____	
BY _____	_____	
DATE _____	_____	
REVISIONS		
NO.	DATE	DESCRIPTION



EXIST. CURVE MARY-1
 PI STA. = 111+24.74
 $\Delta = 70^\circ 29' 33''$ (RT)
 $D = 8^\circ 00' 00''$
 $R = 716.20'$
 $T = 506.09'$
 $L = 881.16'$
 $E = 160.77'$
 $e = 4.0\%$
 $S.E. RUN = 75'$
 P.C. STA = 106+18.65
 P.T. STA = 114+99.81

LEGEND

 PATCHES, CLASS B, TYPE II, 10"

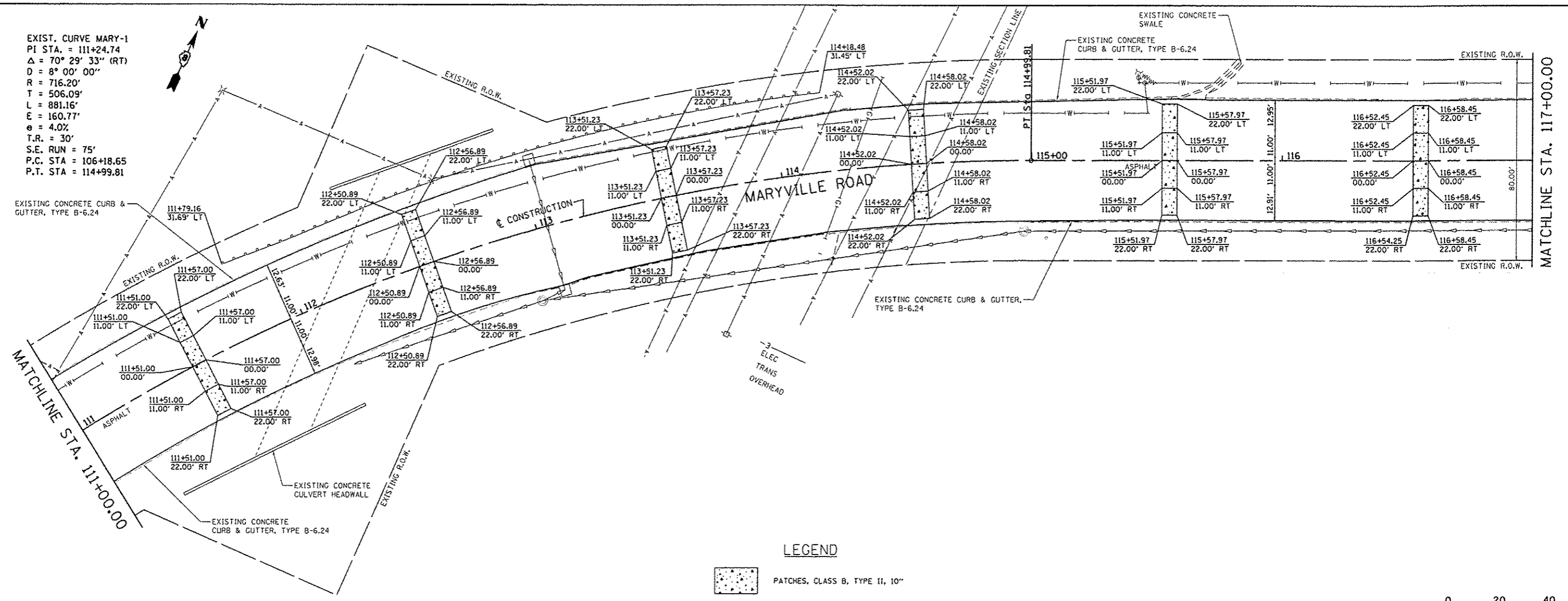


FILE NAME = plan02.dgn	USER NAME = romesh	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PLAN AND PROFILE SHEET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 40,0000 1/ in.	CHECKED - BFK	REVISED -	9100			14-00190-02-RS	MADISON	25	12		
PLOT DATE = 12/21/2016	DATE - 08/16/16	REVISED -	SCALE: 1"=20'			SHEET 2 OF 8 SHEETS STA. 105+00.00 TO STA. 111+00.00			CONTRACT NO. 97625		
JUNEAU JOB NO. E150207			ILLINOIS FED. AID PROJECT								

EXIST. CURVE MARY-1
 PI STA. = 111+24.74
 $\Delta = 70^\circ 29' 33''$ (RT)
 $D = 8^\circ 00' 00''$
 $R = 716.20'$
 $T = 506.09'$
 $L = 881.16'$
 $E = 160.77'$
 $\theta = 4.0\%$
 $T.R. = 30'$
 $S.E. RUN = 75'$
 $P.C. STA = 106+18.65$
 $P.T. STA = 114+99.81$

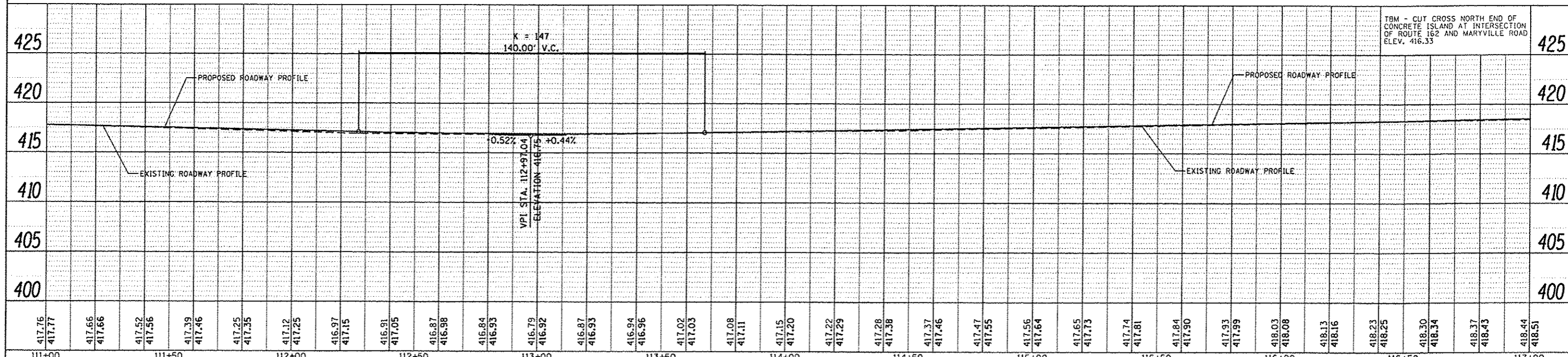
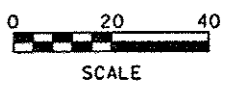
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PROFILE	DATE
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DATE	



LEGEND

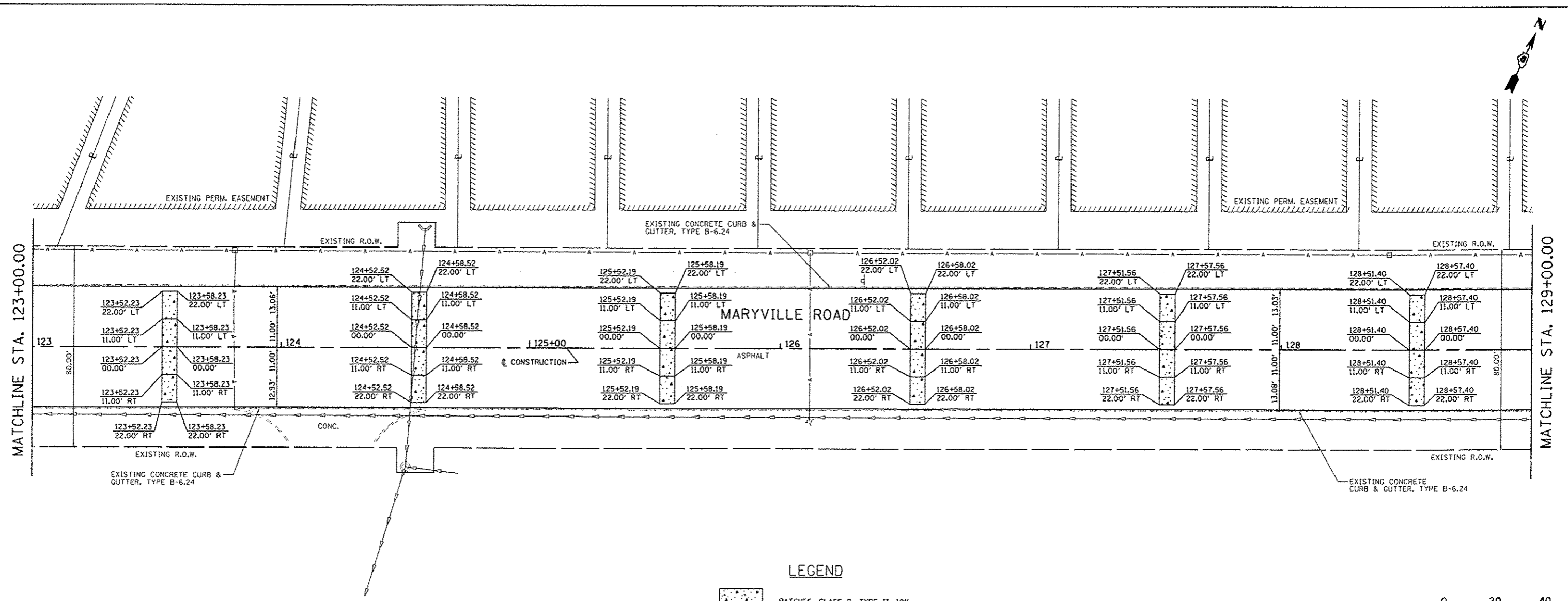
PATCHES, CLASS B, TYPE II, 10"




FILE NAME: plan03.dgn	USER NAME: ramosh	DESIGNED: BFK	REVISED:	CITY OF GRANITE CITY MARYVILLE ROAD	PLAN AND PROFILE SHEET	F.A.U. RTE. 9100	SECTION 14-00190-02-R5	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 13	
PLOT SCALE: 48.0000' / in.	PLOT DATE: 12/21/2016	DRAWN: TAK	REVISED:			SCALE: 1"=20'	SHEET 3 OF 8 SHEETS	STA. 111+00.00 TO STA. 117+00.00	CONTRACT NO. 97625		
		CHECKED: BFK	REVISED:			ILLINOIS FED. AID PROJECT					
		DATE: 08/16/16	REVISED:								

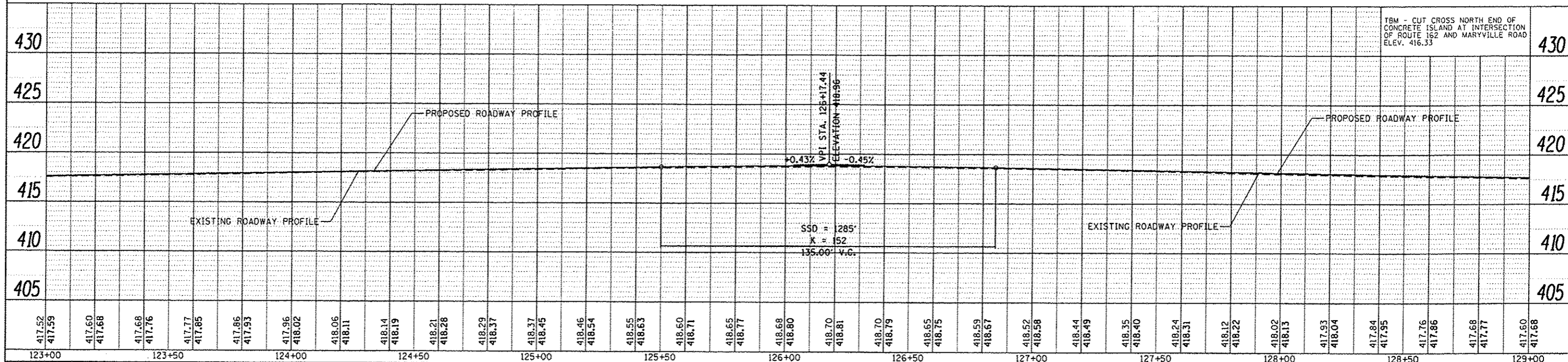
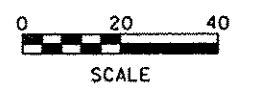
PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
NO.	
DATE	
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PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	



LEGEND

 PATCHES, CLASS B, TYPE II, 10"

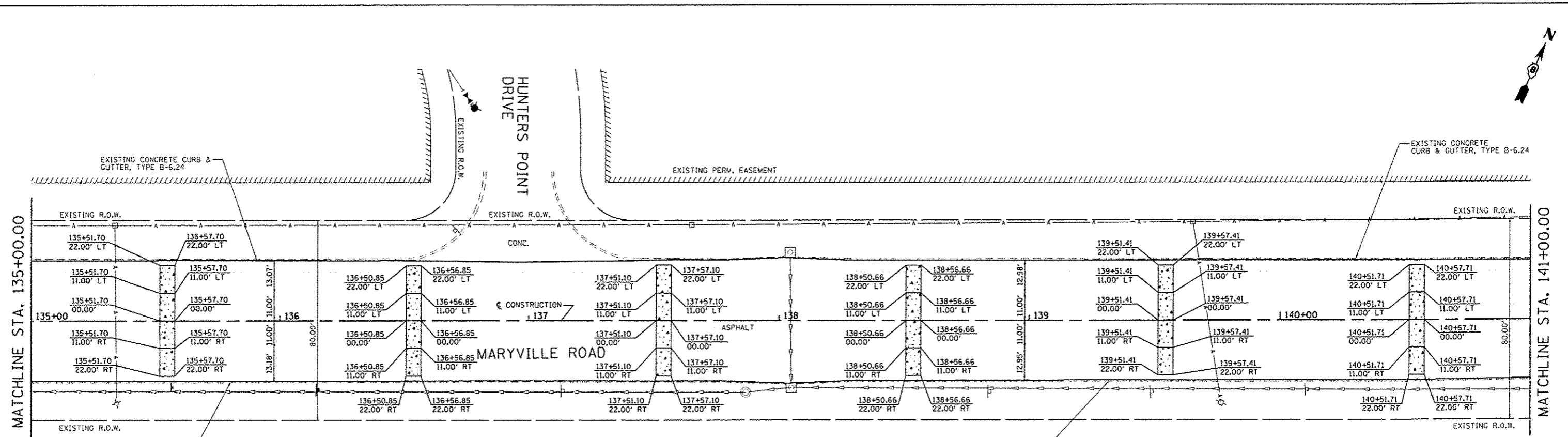


FILE NAME plan05.dgn	USER NAME romash	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PLAN AND PROFILE SHEET	F.A.U. RTE. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 15	
JUNEAU JOB NO. E150207	PLOT SCALE = 40,0000' / in.	DRAWN - TAK	REVISED -			SCALE: 1"=20'	SHEET 5 OF 8 SHEETS	STA. 123+00.00 TO STA. 129+00.00	CONTRACT NO. 97625		ILLINOIS FED. AID PROJECT
	PLOT DATE = 12/21/2016	CHECKED - BFK	REVISED -								
		DATE - 08/16/16	REVISED -								

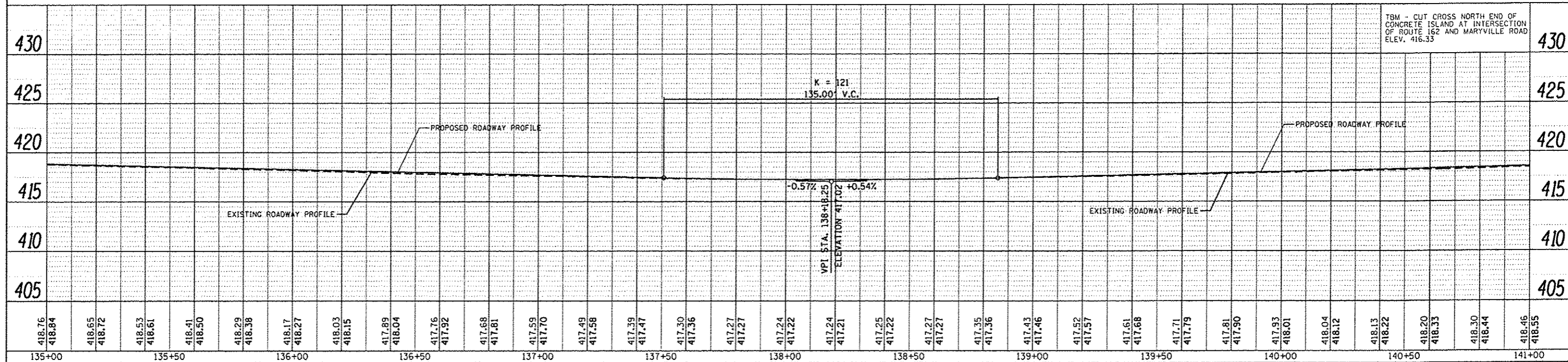
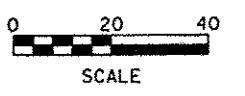
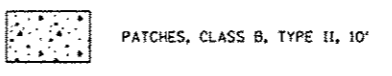


PLAN	DATE
BY	
NO.	
DATE	
BY	
NO.	
DATE	
BY	
NO.	
DATE	

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



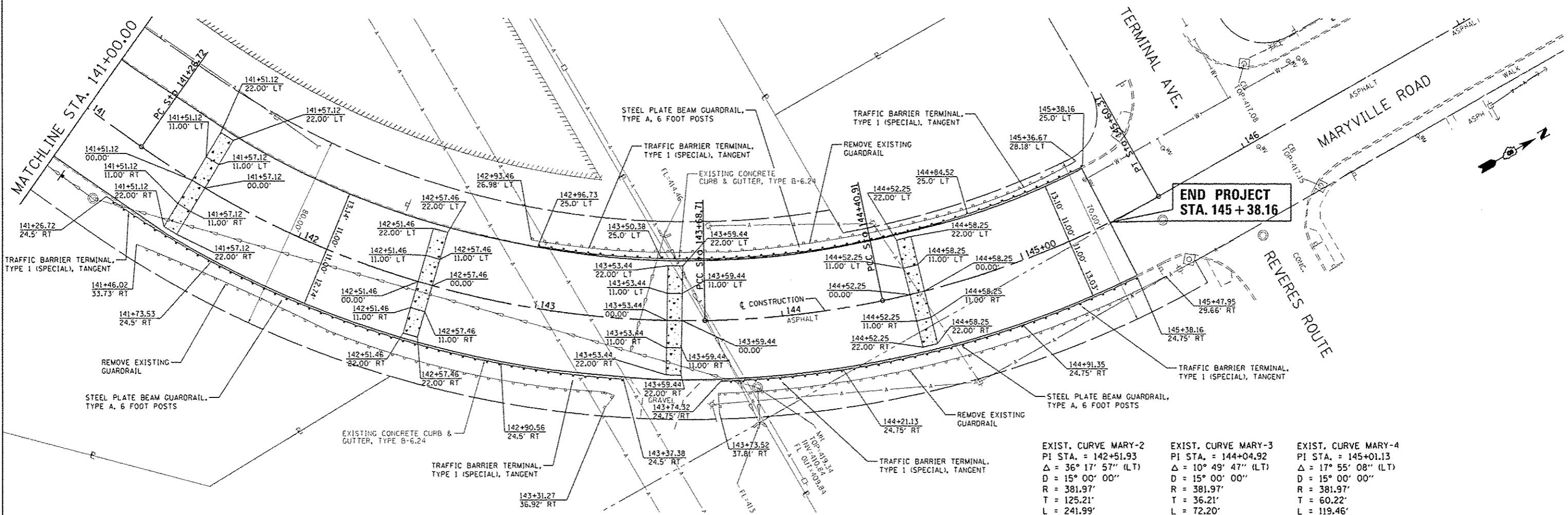
LEGEND



FILE NAME * plan07.dgn	USER NAME * ramesh	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PLAN AND PROFILE SHEET			F.A.U. RTE. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 17
PLOT SCALE * 1/8"=1'-0"	PLOT DATE * 12/21/2016	DRAWN - TAK	REVISED -		SCALE: 1"=20'	SHEET 7 OF 8 SHEETS	STA. 135+00.00 TO STA. 141+00.00	CONTRACT NO. 97625				
		CHECKED - BFK	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08/16/16	REVISED -									

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

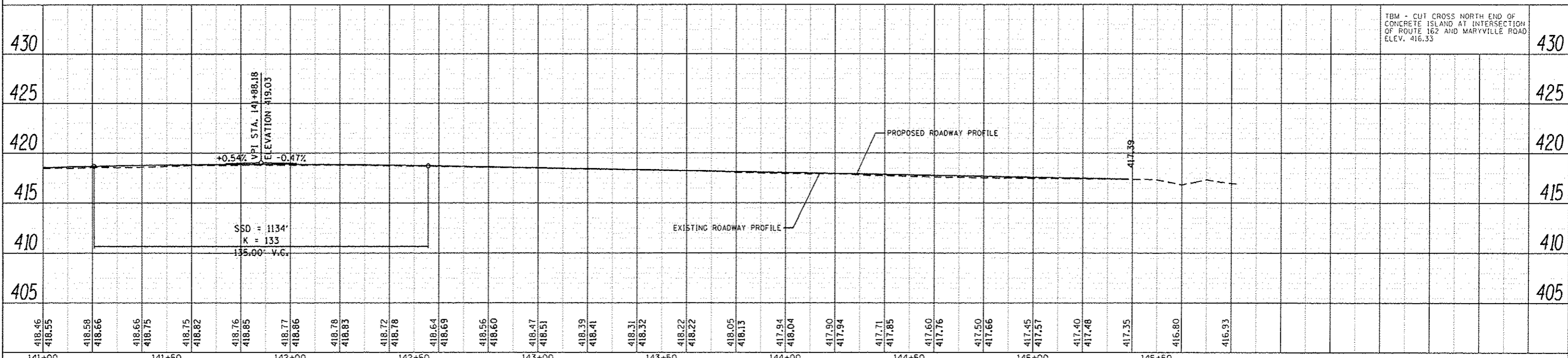
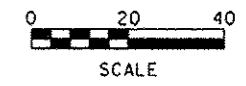
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BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	



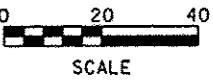
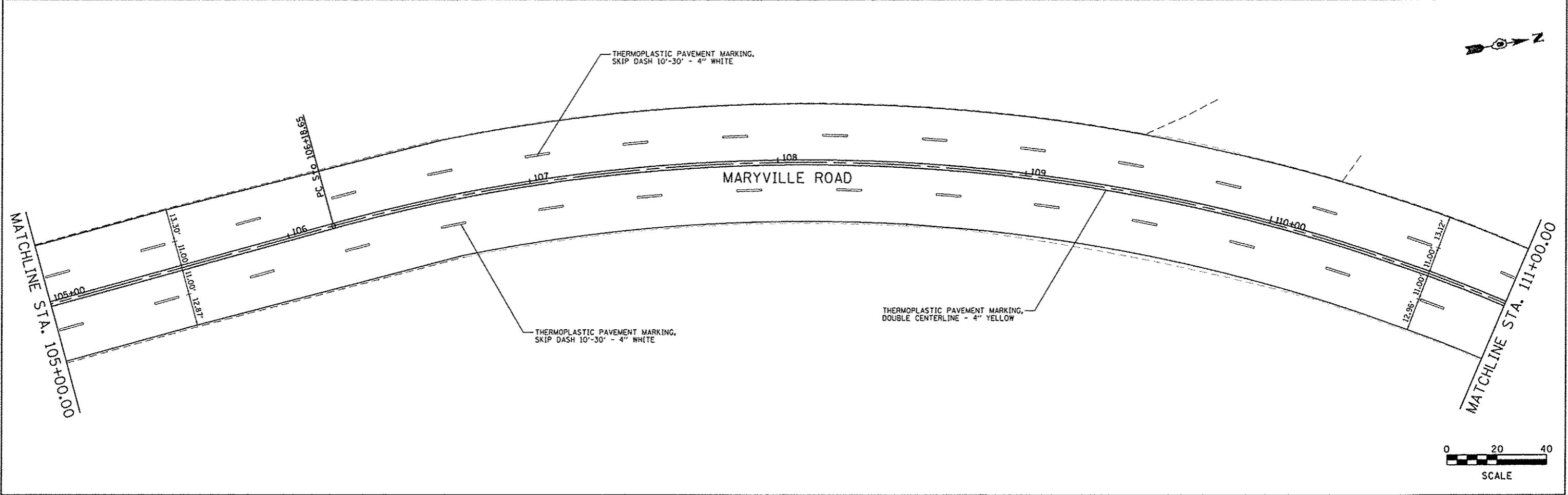
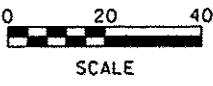
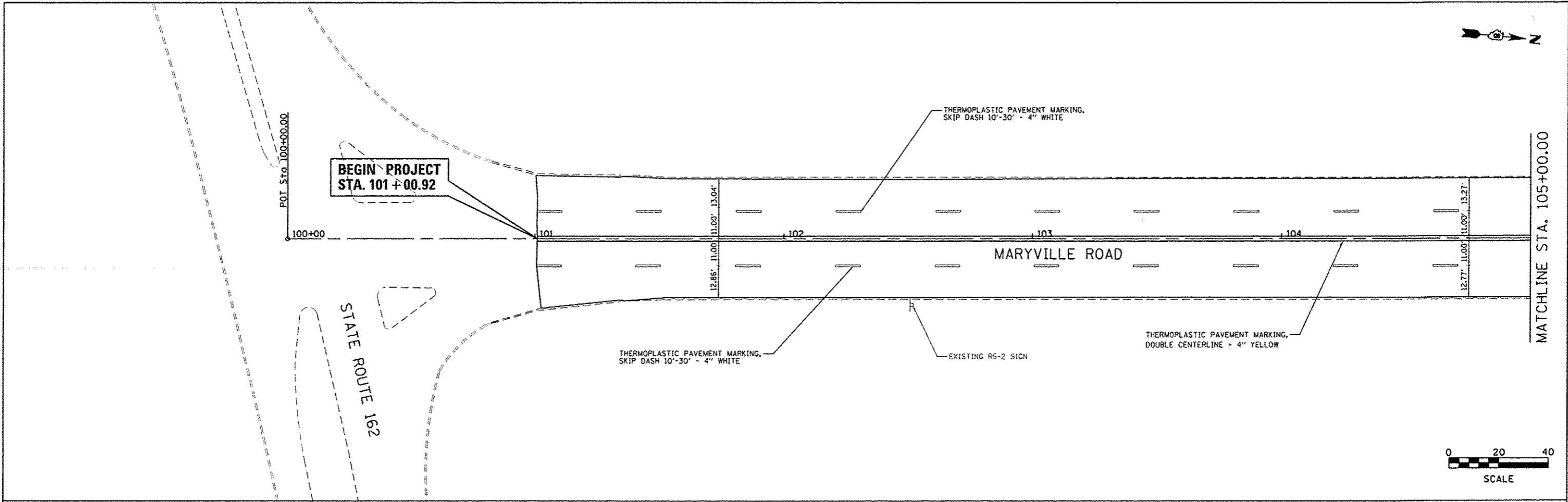
LEGEND

PATCHES, CLASS B, TYPE II, 10"

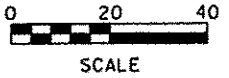
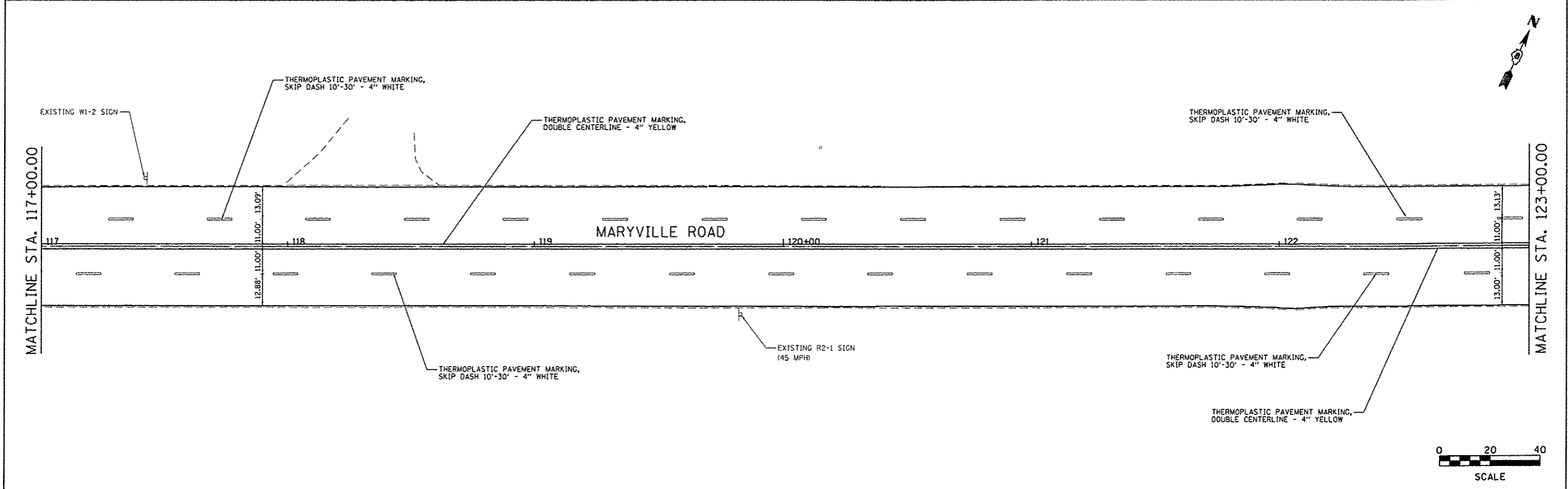
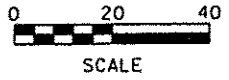
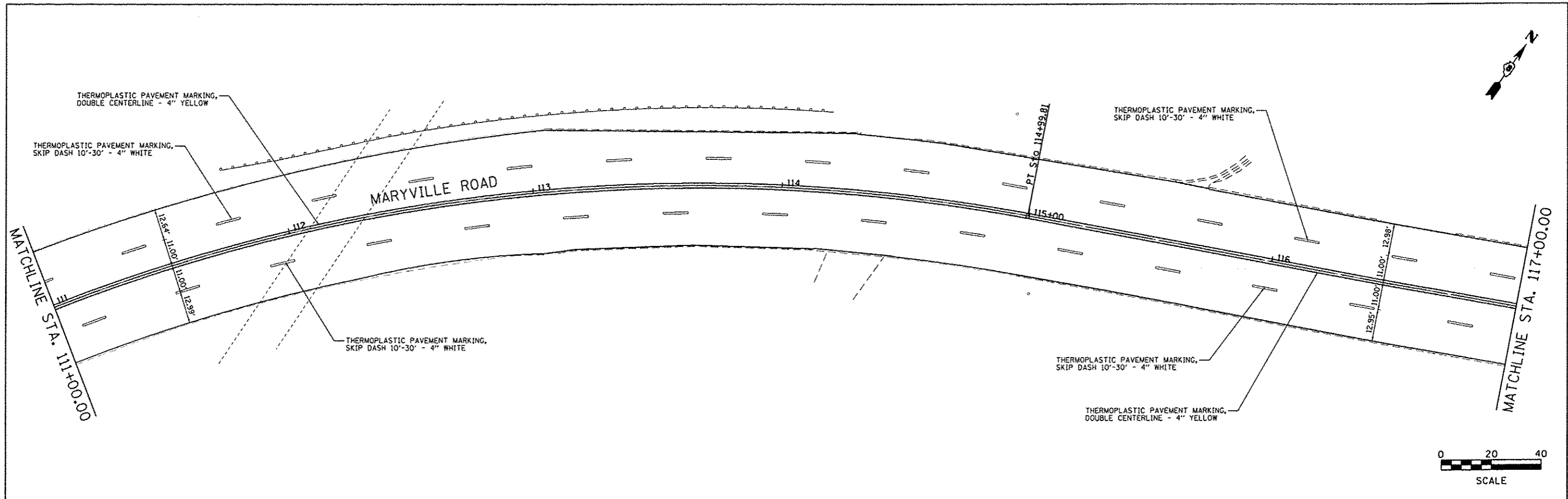
<p>EXIST. CURVE MARY-2 PI STA. = 142+51.93 $\Delta = 36^\circ 17' 57''$ (LT) $D = 15^\circ 00' 00''$ $R = 381.97'$ $T = 125.21'$ $L = 241.99'$ $E = 20.00'$ $e = 4.0\%$ $T.R. = 50'$ $S.E. RUN = 100'$ $P.C. STA = 141+26.72$ $P.T. STA = 143+68.71$</p>	<p>EXIST. CURVE MARY-3 PI STA. = 144+04.92 $\Delta = 10^\circ 49' 47''$ (LT) $D = 15^\circ 00' 00''$ $R = 381.97'$ $T = 36.21'$ $L = 72.20'$ $E = 1.71'$ $e = 4.0\%$ $T.R. =$ $S.E. RUN =$ $P.C. STA = 143+68.71$ $P.T. STA = 144+40.91$</p>	<p>EXIST. CURVE MARY-4 PI STA. = 145+01.13 $\Delta = 17^\circ 55' 08''$ (LT) $D = 15^\circ 00' 00''$ $R = 381.97'$ $T = 60.22'$ $L = 119.46'$ $E = 4.72'$ $e = 4.0\%$ $T.R. = 20'$ $S.E. RUN = 65'$ $P.C. STA = 144+40.91$ $P.T. STA = 145+60.37$</p>
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FILE NAME plan09.dgn	USER NAME Scott	DESIGNED BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PLAN AND PROFILE SHEET	P.A.U. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 18	
CONTRACT NO. JUNEAU JOB NO. E150287	PLOT SCALE 1/8" = 40.0000' / 1"	CHECKED BFK	REVISED -			SCALE 1" = 20'	SHEET 8 OF 8 SHEETS	STA. 141+00.00 TO STA. 145+38.16	CONTRACT NO. 97625		
	PLOT DATE 1/15/2017	DATE 08/16/16	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME * pmark01.dgn	USER NAME * romash	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PAVEMENT MARKINGS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 40.0000' / in.	CHECKED - BFK	REVISED -					9100	14-00190-02-RS	MADISON	25	19
JUNEAU JOB NO. E158207	PLOT DATE * 12/21/2016	DATE - 08/16/16	REVISED -	SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 100+00.92 TO STA. 111+00.00			CONTRACT NO. 97625					
<small>ILLINOIS FED. AID PROJECT</small>												

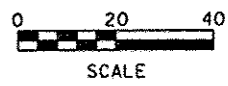
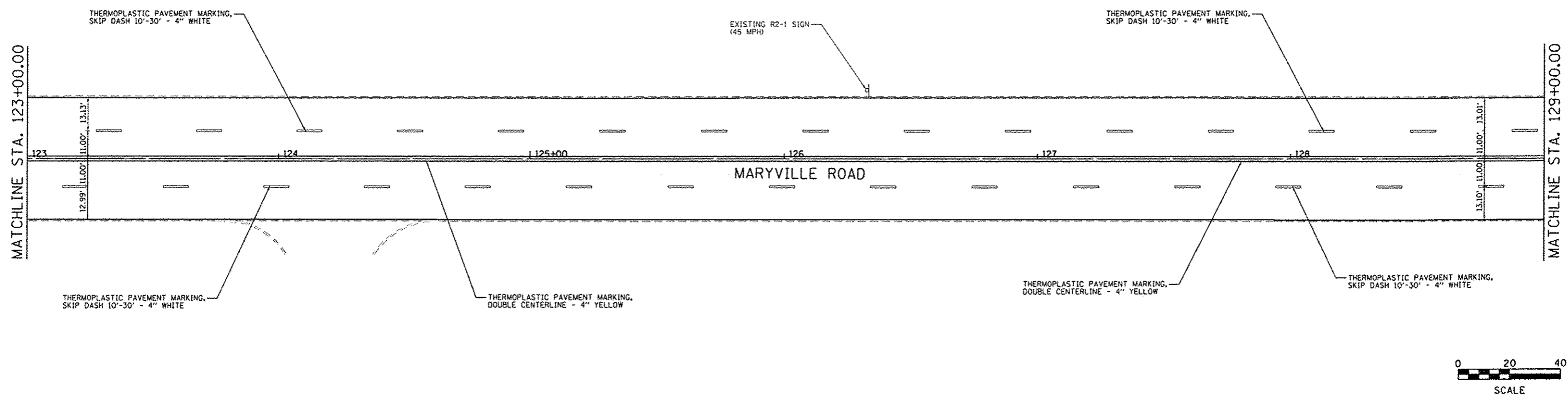


FILE NAME = pmark02.dgn	USER NAME = ramash	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	PAVEMENT MARKINGS		F.A.U. RTE. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 20
	PLOT SCALE = 40.0000' / in.	DRAWN - TAK	REVISED -				SCALE: 1"=20'	SHEET 2 OF 4 SHEETS	STA. 111+00.00 TO STA. 123+00.00	CONTRACT NO. 97625	
JUNEAU JOB NO. E158287	PLOT DATE = 12/21/2016	CHECKED - BFK	REVISED -								
	DATE = 08/16/16		REVISED -								



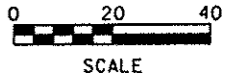
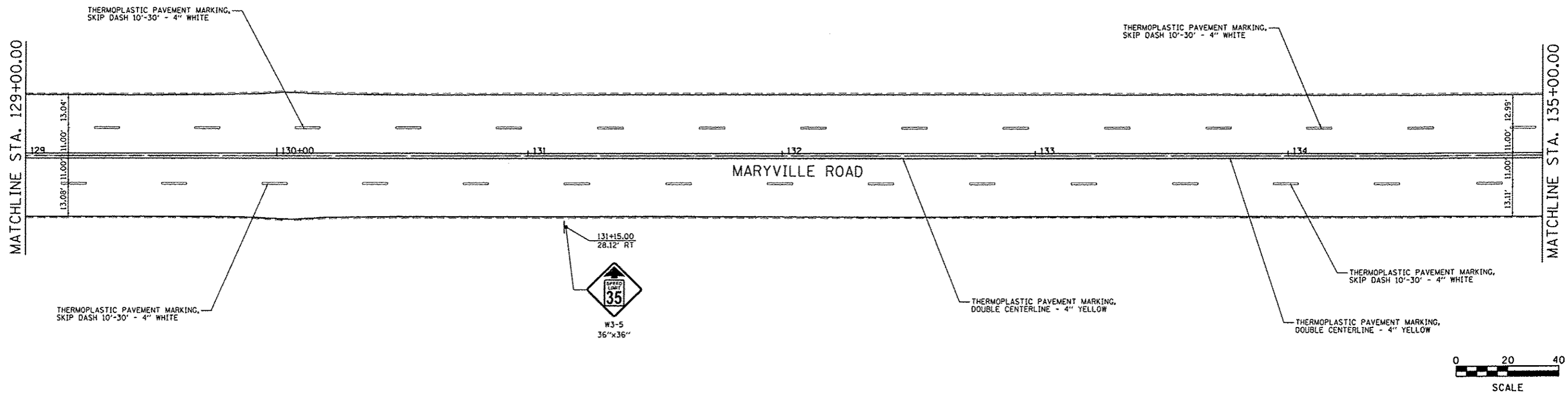
MATCHLINE STA. 123+00.00

MATCHLINE STA. 129+00.00



MATCHLINE STA. 129+00.00

MATCHLINE STA. 135+00.00



FILE NAME = pmark03.dgn
 JUNEAU JOB NO. E158287

USER NAME = romash
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 12/21/2016

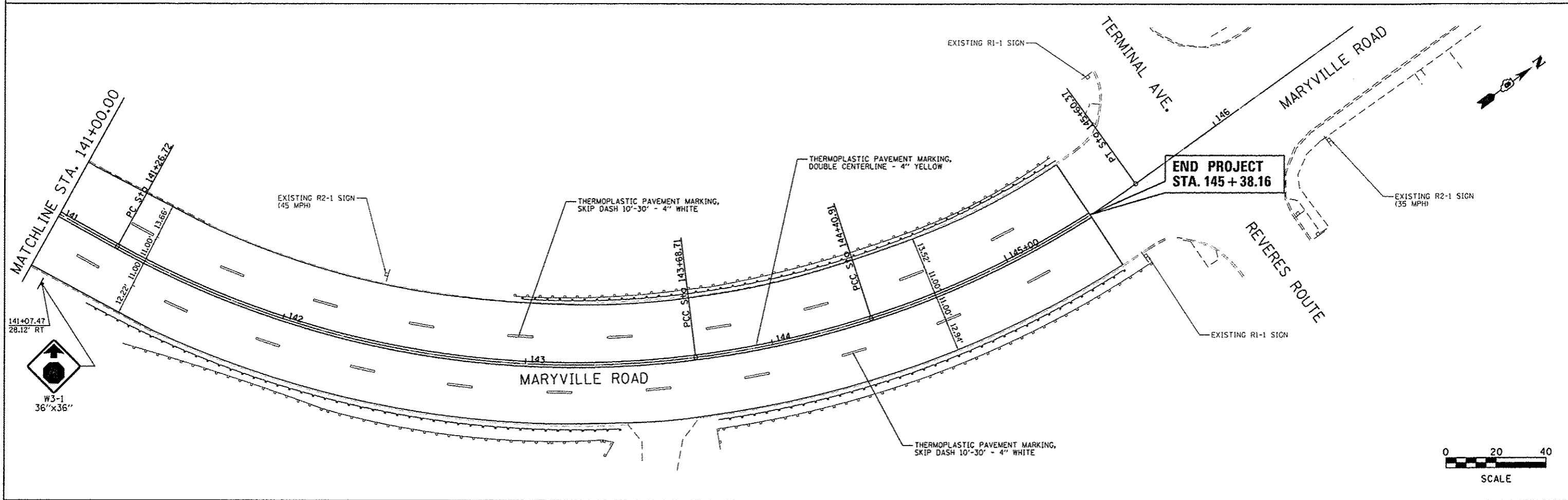
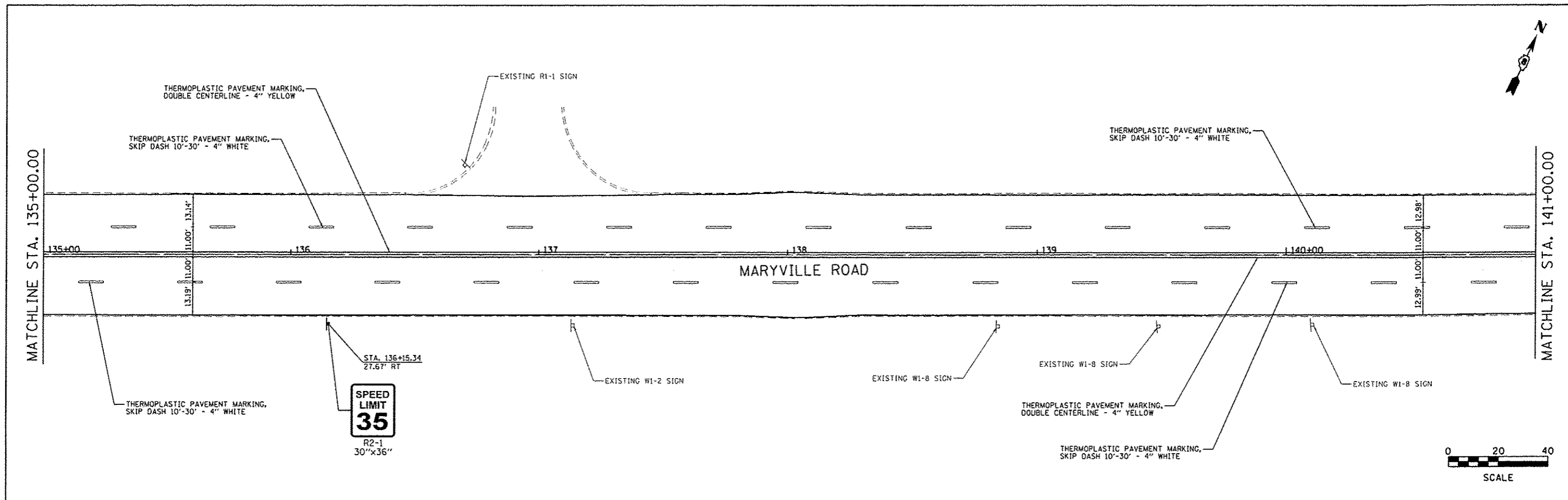
DESIGNED - BFK
 DRAWN - TAK
 CHECKED - BFK
 DATE - 08/16/16

REVISED -
 REVISED -
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 REVISED -

CITY OF GRANITE CITY
MARYVILLE ROAD

PAVEMENT MARKINGS
 SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 123+00.00 TO STA. 135+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-RS	MADISON	25	21
CONTRACT NO. 97625				
ILLINOIS FED. AID PROJECT				



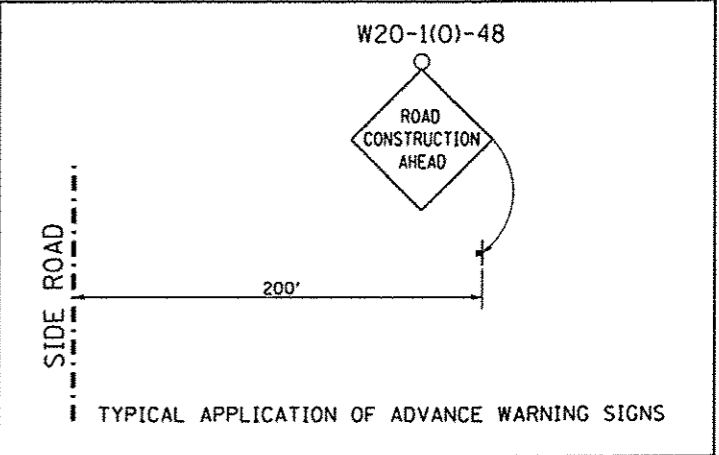
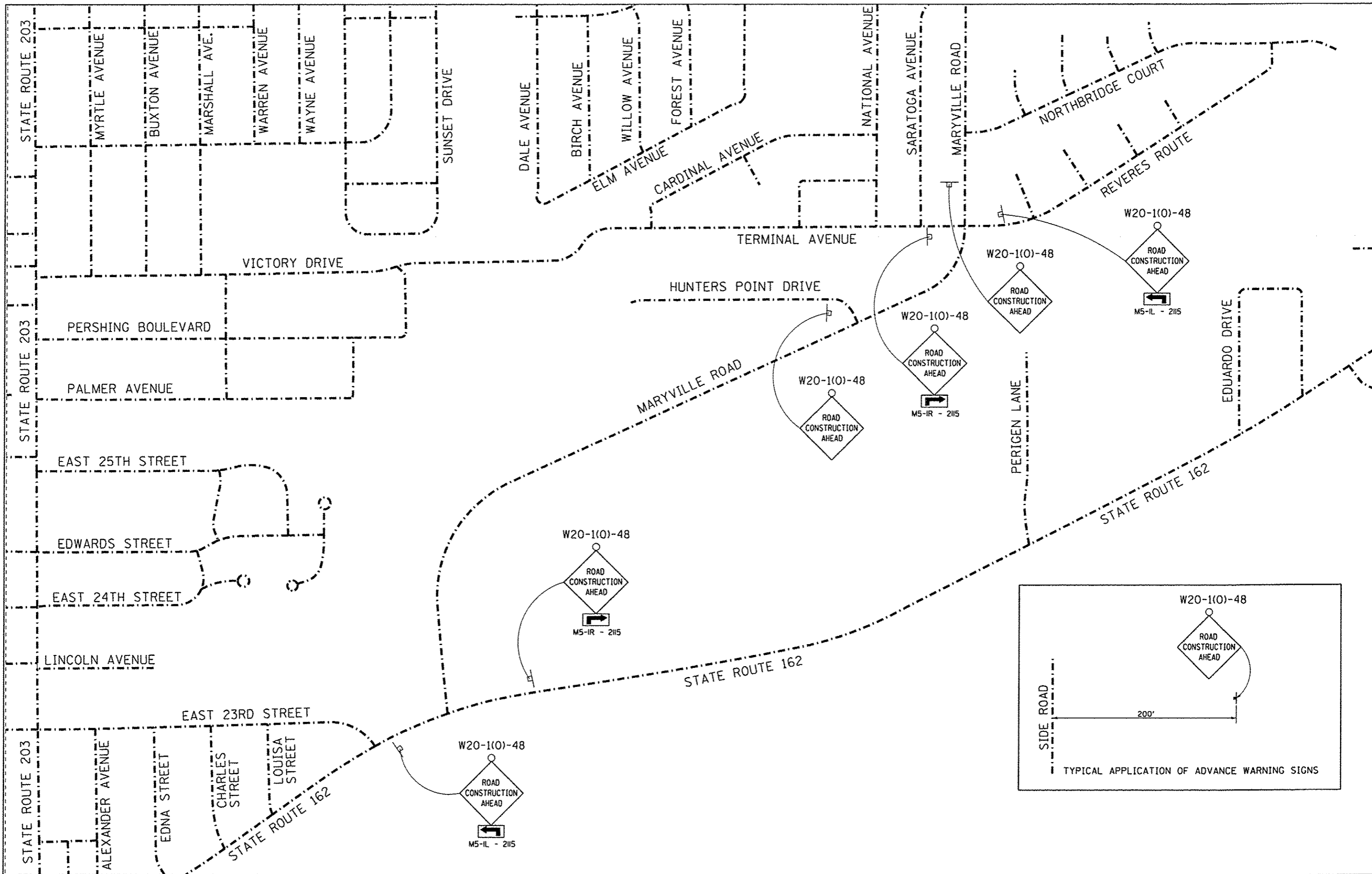
FILE NAME = pmark04.dgn
 USER NAME = ramash
 DESIGNED - BFK
 DRAWN - TAK
 CHECKED - BFK
 DATE - 08/16/16

DESIGNED - BFK	REVISED -
DRAWN - TAK	REVISED -
CHECKED - BFK	REVISED -
DATE - 08/16/16	REVISED -

**CITY OF GRANITE CITY
 MARYVILLE ROAD**

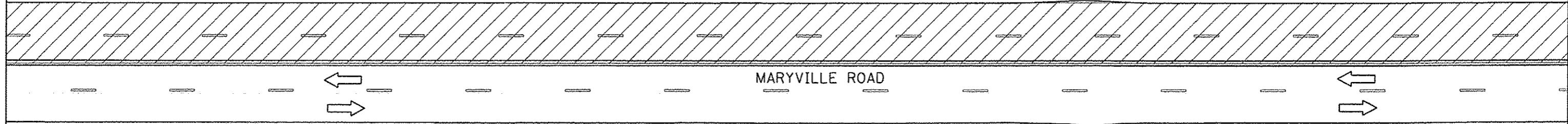
PAVEMENT MARKINGS	
SCALE: 1"=20'	SHEET 4 OF 4 SHEETS
STA. 135+00.00 TO STA. 145+38.16	

F.A.U. RTE. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 22
CONTRACT NO. 97625				
ILLINOIS FED. AID PROJECT				

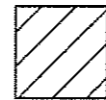


FILE NAME wrrngagn.dgn	USER NAME ramash	DESIGNED - BFK	REVISED -	CITY OF GRANITE CITY MARYVILLE ROAD	ADVANCED WARNING		F.A.U. RTE. 9100	SECTION 14-00190-02-RS	COUNTY MADISON	TOTAL SHEETS 25	SHEET NO. 23	
JUNEAU JOB NO. E158287	PLOT SCALE 1/8" = 500.0000'	DRAWN - TAK	REVISED -		SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 97625			
	PLOT DATE 12/21/2016	CHECKED - BFK	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE 08/16/16	REVISED -									

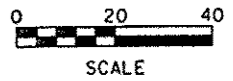
NOTE: THESE STAGING DETAILS ARE A REPRESENTATION OF CONSTRUCTION ACTIVITIES ALONG THE ENTIRE LENGTH OF THE PROJECT. THEREFORE ONLY A PORTION OF THE PLAN IS SHOWN HEREIN.



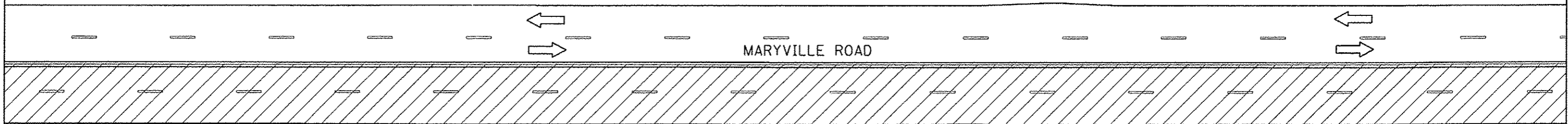
STAGE 1 CONSTRUCTION



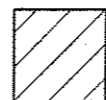
COMPLETED DURING THIS STAGE



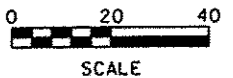
NOTE: THESE STAGING DETAILS ARE A REPRESENTATION OF CONSTRUCTION ACTIVITIES ALONG THE ENTIRE LENGTH OF THE PROJECT. THEREFORE ONLY A PORTION OF THE PLAN IS SHOWN HEREIN.



STAGE 2 CONSTRUCTION



COMPLETED DURING THIS STAGE



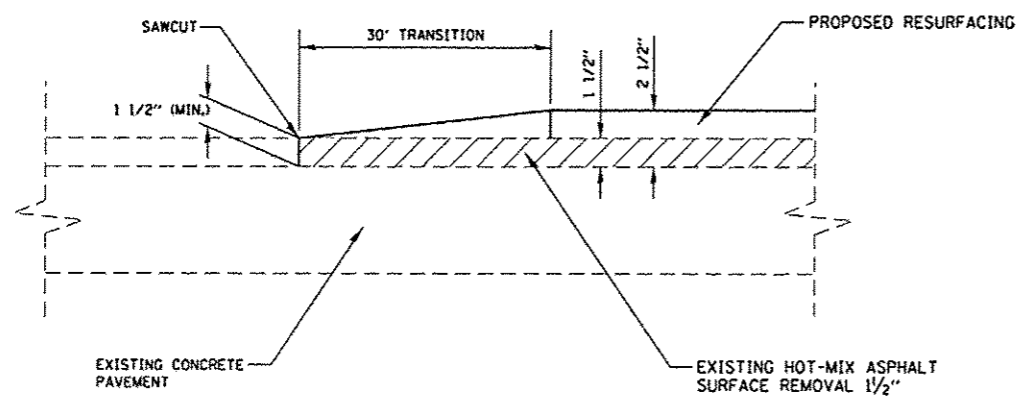
FILE NAME : stage construction.dgn	USER NAME : ramesh	DESIGNED - BFK	REVISED -
		DRAWN - TAK	REVISED -
	PLOT SCALE : 48.0000' / 1" =	CHECKED - BFK	REVISED -
JUNEAU JOB NO. E159207	PLOT DATE : 12/21/2016	DATE - 08/16/16	REVISED -

**CITY OF GRANITE CITY
MARYVILLE ROAD**

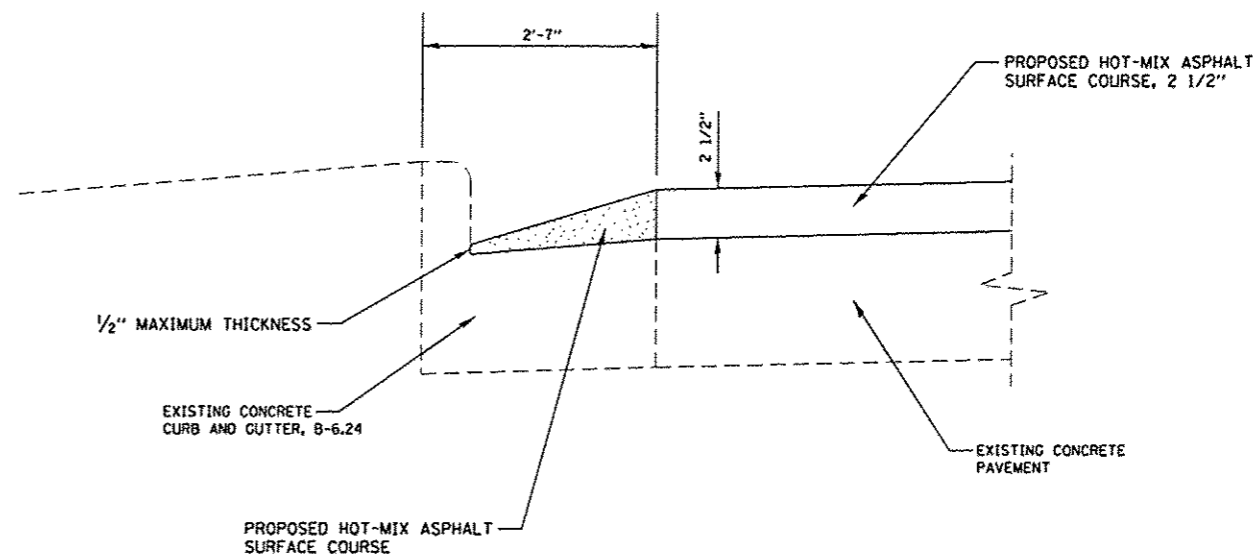
STAGE CONSTRUCTION

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-RS	MADISON	25	24
			CONTRACT NO. 97625	
ILLINOIS FED. AID PROJECT				



BUTT JOINT DETAIL
N.T.S.



CURB AND GUTTER DETAIL
N.T.S.

FILE NAME = miscdetails.dgn
JUNEAU JOB NO. E150207

USER NAME = romesh
PLOT SCALE = 40,0000' / in.
PLOT DATE = 12/21/2016

DESIGNED - BFK
DRAWN - TAK
CHECKED - BFK
DATE - 08/16/16

REVISED -
REVISED -
REVISED -
REVISED -

CITY OF GRANITE CITY
MARYVILLE ROAD

MISCELLANEOUS DETAILS
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9100	14-00190-02-RS	MADISON	25	25
CONTRACT NO. 97625				
ILLINOIS FED. AID PROJECT				