

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

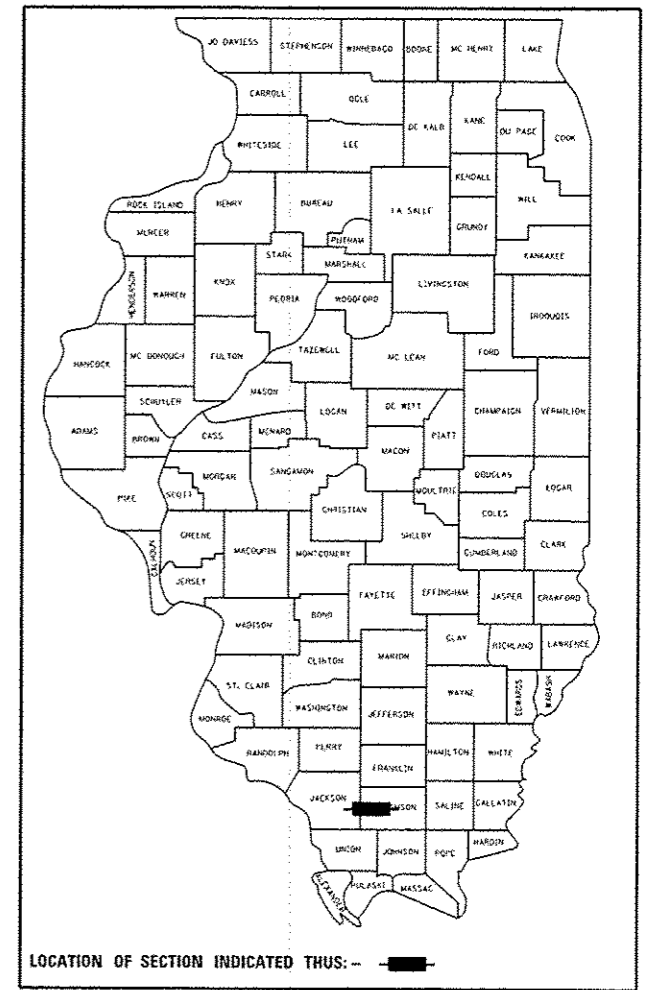
**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 331 (IL 13)  
SECTION (1-4)R-6  
PROJECT ACNHPP-0331(073)  
FRONTAGE ROAD  
WILLIAMSON COUNTY

C-99-017-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-6	WILLIAMSON	120	1
		ILLINOIS	CONTRACT NO. 78452	

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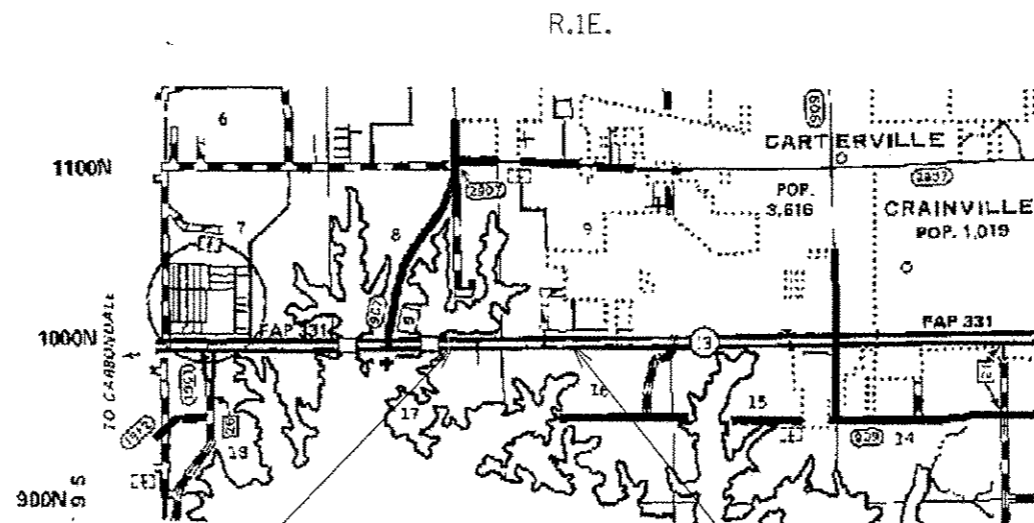


FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

FRONTAGE ROAD TRAFFIC DATA  
2003 ADT = 675 WITH 52% TRUCKS  
2016 ADT = 770 WITH 52% TRUCKS  
2036 ADT = 940 WITH 52% TRUCKS

TOWNSHIP  
CARTERVILLE



PROJECT BEGINS  
EB IL 13  
STA. 342+00

PROJECT ENDS  
EB IL 13  
STA. 414+00

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

PROJECT ENGINEER: CHARLES STEIN  
PROJECT DESIGNER: BRANDY MAES  
618-351-5210  
CONTRACT NO. 78452

GROSS LENGTH = 7,200 FT. = 1.36 MILE  
NET LENGTH = 7,200 FT. = 1.36 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 15 2016  
Jeffrey Z Keen  
REGION FIVE ENGINEER

May 6 2016  
Maureen M. Addis PE  
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 6 2016  
David A. ...  
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

Prepared By: [Signature]  
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Examined By: [Signature]  
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Examined By: [Signature]  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]  
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: [Signature]  
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]  
DISTRICT MATERIALS ENGINEER

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	F.A.P. RTE. 331	SECTION (1-4) R-6	COUNTY WILLIAMSON	TOTAL SHEETS 120	SHEET NO. 2
ILLINOIS FED. AID PROJECT CONTRACT NO. 7B452											

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MIX DESIGN

Locations	Hot-Mix Asphalt Binder Course, HMA Widening, and HMA Shoulders ( Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70,
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture (Gradation)	IL-19.0 mm
Friction	None
Quality Program:	QCQA

Locations	Hot-Mix Asphalt Surface Course, HMA Shoulders ( Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture (Gradation)	IL-9.5 mm
Friction	C Surface
Quality Program:	QCQA

REV.

FILE NAME	USER NAME	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, MIX DESIGN & HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		DATE	REVISIONS		SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT CONCRETE	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.
LIME	6% OF EARTH
EARTH	110 LB/CU FT

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

PROTECTIVE COAT SHALL BE APPLIED TO PCC PAVEMENT AND CONCRETE CURB AND GUTTER AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS FOR ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.

EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.

STONE RIPRAP USED IN DITCHES SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF EARTHWORK AND GRADING IN ORDER TO PREVENT EROSION.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ANY DEBRIS OR DIRT CAUSED BY CONSTRUCTION ACTIVITY THAT COVERS THE NEW RIPRAP AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, OR PERMIT EASEMENTS, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

ADDITIONAL WIDTH OF GUTTER FLAG, AT LOCATIONS INDICATED ON THE PLANS, SHALL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPARATELY.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.

ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST FOOT.

THE FURNISHING AND INSTALLATION OF THE 1 1/4 IN. CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO FINAL SURFACE INSTALLATION. ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.

ALL NON-ESSENTIAL ELECTRIC CABLE SHALL BE REMOVED FROM EXISTING CONDUIT THAT IS TO BE REUSED FOR INSTALLATION OF PROPOSED ELECTRIC CABLE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE PROPOSED ELECTRIC CABLE PAY ITEM.

SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.

THE LIGHT POLES SHALL BE SIGNED WITH THE POLE NUMBER AS SHOWN ON THE WIRING DIAGRAM.

SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.

THE FINAL LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4 1/2 FT. FROM FACE OF CURB TO CENTER OF POST (UNLESS APPROVED BY TRAFFIC OPERATIONS).

PROPOSED LIGHT POLE FOUNDATIONS SHALL BE INSTALLED LEVEL PER SECTION 836.

THE TRAFFIC OPERATIONS ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF MAST ARM AND CONTROLLER FOUNDATIONS, HANDHOLES, AND GULFBOX JUNCTIONS AND SHALL APPROVE THE LOCATIONS OF EACH AND MAY ADJUST TO FIT FIELD CONDITIONS IF NECESSARY. NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH.

FILE NAME :	USER NAME : eeeeb1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\VIL0846\GINT\EG\Illinois\gov\PI00T\00	Documents\DOT Offices\District 9\Projects\113	DRAWN -	REVISED -			331	(1-4) R-6	WILLIAMSON	120	4
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -					CONTRACT NO. 78452		
Default	PLOT DATE = 2/18/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

# DROP-OFF PROTECTION BETWEEN TRAVEL LANE AND SHOULDER / EDGE OF PAVEMENT

## COMMITMENTS

DROP-OFF LOCATION	NORMAL POSTED SPEED	DROP-OFF HEIGHT (X) AND TYPE	TREATMENT REQUIRED
≤ 3 FT <sup>(3)(2)</sup>	ALL	≤ 1 IN	NONE
		1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)
	< 45 MPH	3 IN < X ≤ 18 IN	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	3 IN < X ≤ 12 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	< 45 MPH	18 IN < X ≤ 24 IN FOR < 0.5 MILE OR < 48 HOURS <sup>(4)</sup>	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 18 IN FOR < 0.5 MILE OR < 48 HOURS	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 24 IN FOR > 0.5 MILE OR > 48 HOURS	CLOSURE USING TEMPORARY TRAFFIC BARRIER
	< 45 MPH	18 IN < X ≤ 24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER
	≥ 45 MPH	18 IN < X ≤ 24 IN FOR < 0.5 MILES OR < 48 HOURS <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER
	ALL	> 24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER
3 FT < X ≤ 8 FT <sup>(3)</sup>	ALL	≤ 1 IN	NONE
		1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)
	< 45 MPH	3 IN < X ≤ 24 IN <sup>(4)</sup>	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	3 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
ALL	24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER	
> 8 FOOT TO THE WORK ZONE CLEAR ZONE <sup>(3)</sup>	< 45 MPH	12 IN < X ≤ 24 IN <sup>(4)</sup>	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	ALL	> 24 IN <sup>(5)</sup>	CLOSURE USING TEMPORARY TRAFFIC BARRIER

- NO TREE REMOVAL WILL ALLOWED BETWEEN APRIL 1 AND SEPTEMBER 30.
- ACCESS TO THE CRAB ORCHARD CAMPGROUND SHALL REMAIN OPEN THROUGHOUT THE PROJECT.
- IN ACCORDANCE WITH THE SPECIAL USE PERMIT, THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE PERMIT EASEMENT LINES.
- WETLAND MITIGATION SHALL BE CONSTRUCTED ON U.S. FISH & WILDLIFE SERVICE PROPERTY TO COMPENSATE FOR WETLAND IMPACTS ON REFUGE PROPERTY USED FOR THIS PROJECT. THE WETLAND MITIGATION WILL CONSIST OF THE CREATION OF A 39 ACRE WET GRASSLAND. SEEDING, PER CRAB ORCHARD NATIONAL WILDLIFE REFUGE SPECIFICATIONS, AND MOWING, 2 TIMES THE FIRST YEAR AND ONE TIME THE FOLLOWING YEAR.
- TREES SHALL BE PLANTED AT THE DESIGNATED LOCATIONS ON CONWR AS MITIGATION FOR TREE REMOVAL. THE TREE PLANTING WILL OCCUR OVER 3 SEPARATE PARCELS IN CLOSE PROXIMITY TO THE FRONTAGE ROAD. THIS WILL INCLUDE 48 TREES PER ACRE, OVER 15 ACRES CONSISTING OF 3-GALLON CONTAINERIZED RPM TREES OF READILY AVAILABLE SPECIES AS DETERMINED BY CONWR. THIS CONTRACT SHALL INCLUDE MOWING OF THE 15 ACRES AROUND THE TREES ONCE EACH YEAR FOR 3 YEARS. IN ADDITION, 50 2" CALIPER, BALLED AND BURLAPPED TREES WILL BE PLANTED IN THE PRAIRIE CREEK/CAMPGROUND AREA AT LOCATIONS DESIGNATED BY CONWR. ESTABLISHMENT AND CARE OF THE TREES PLANTED SHALL BE IN ACCORDANCE WITH ARTICLE 253 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL USE A DORMANT PLANTING TIME OF NOVEMBER 16, 2016 TO FEBRUARY 28, 2017 FOR SEEDING CLASS 4B, SPECIAL. THE CONTRACTOR SHALL NOT PLANT SEEDING CLASS 4B, SPECIAL DURING THE SPRING, AS TO NOT INTERFERE WITH THE CRAWFISH FROG MATING SEASON.
- DURING CONSTRUCTION, APPLICATION OF ANY PESTICIDES, HERBICIDES AND/OR INSECTICIDES SHALL BE COORDINATED WITH CONWR PRIOR TO APPLICATION AND SHALL BE IN ACCORDANCE WITH THEIR SPECIFICATIONS.
- THIS CONTRACT SHALL INCLUDE REMOVAL OF PETROLEUM CONTAMINATED SOIL FOR SITE 2776-41 AS IDENTIFIED IN THE PRELIMINARY ENVIRONMENTAL ASSESSMENT (PESA) DATED MAY 1, 2013, WITH THE MAXIMUM QUANTITY OF SOIL DISPOSAL PAID BY IDOT TO EQUAL NO GREATER THAN 400 CUBIC YARDS. THE SPECIAL WASTE REMOVAL WORK SHALL BE COMPLETED BETWEEN OCTOBER 24, 2016 AND DECEMBER 30, 2016. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 4 WEEKS PRIOR TO STARTING THE SPECIAL WASTE REMOVAL WORK.

NOTES:

- PLACE CHANNELIZING DEVICES AND/OR TEMPORARY BARRIER AT THE SAME LEVEL AS THE TRAVELING LANE OR SHOULDER PROFILE
- CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS PER HIGHWAY STANDARD 701901.
- PLACE CHANNELIZING DEVICES OR TEMPORARY BARRIER AT SAME LEVEL AS THE SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- LENGTH AND DURATION MAY BE EXCEEDED FOR URBAN AREAS WHEN ENGINEERING JUDGEMENT INDICATES SIGHT DISTANCE WILL BE ADVERSELY AFFECTED BY TEMPORARY BARRIER.
- TEMPORARY TRAFFIC BARRIER MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 24 HOURS FOR MULTILANE, AND MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 96 HOURS PER STAGE FOR TWO LANES, BASED ON ENGINEERING JUDGEMENT.

FILE NAME: p:\11084810\INTEG\Illinois.gov\PIW\DOT\Documents\DOT Offices\District 9\Projects\13\DRAWN\meo\78452\CADD\DATA\CAD\sheet\78452REVISED.dwg	USER NAME: moasbl	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DROP OFF POLICY AND COMMITMENTS	F.A.P. RTE: 331	SECTION: (1-4) R-6	COUNTY: WILLIAMSON	TOTAL SHEETS: 120	SHEET NO.: 5	
PLOT SCALE: 100.0000 / 1 in.	CHECKED: -	REVISED: -	SCALE:			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE: 6/13/2016	DATE: -	REVISED: -	CONTRACT NO. 78452								

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	RURAL	
				ROADWAY 0001	SIGNALS & LIGHTING 0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,191	1,191	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	269	269	
20100500	TREE REMOVAL, ACRES	ACRE	6	6	
20200100	EARTH EXCAVATION	CU YD	53,601	53,601	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,036	6,036	
20400100	BORROW EXCAVATION	CU YD	507	507	
* 25000200	SEEDING, CLASS 2	ACRE	16	16	
* 25000350	SEEDING, CLASS 7	ACRE	54	54	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9,630	9,630	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4,815	4,815	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	4,815	4,815	
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	107	107	
25000750	MOWING	ACRE	162	162	

\* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	RURAL	
				ROADWAY 0001	SIGNALS & LIGHTING 0021
25100115	MULCH, METHOD 2	ACRE	107	107	
25100630	EROSION CONTROL BLANKET	SD YD	8,653	8,653	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4,530	4,530	
28000305	TEMPORARY DITCH CHECKS	FOOT	1,129	1,129	
28000400	PERIMETER EROSION BARRIER	FOOT	2,490	2,490	
28000500	INLET AND PIPE PROTECTION	EACH	3	3	
28100201	STONE RIPRAP, CLASS A1	TON	161	161	
28100707	STONE DUMPED RIPRAP, CLASS A4	SD YD	226	226	
28200200	FILTER FABRIC	SD YD	204	204	
28300400	AGGREGATE DITCH	TON	115	115	
30200650	PROCESSING MODIFIED SOIL 12"	SD YD	28,799	28,799	
30201500	LIME	TON	861	861	
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	270	270	

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING	
				0001		0021	
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	52	52			
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SO YD	24,397	24,397			
35101400	AGGREGATE BASE COURSE, TYPE B	TON	661	661			
35600703	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 3/4"	SO YD	388	388			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	57,199	57,199			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6,506	6,506			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	15	15			
40600990	TEMPORARY RAMP	SO YD	12	12			
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3,403	3,403			
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	2,166	2,166			
40701906	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"	SO YD	418	418			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	167	167			
42000060	WELDED WIRE REINFORCEMENT	SO YD	300	300			



# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/ 20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING
				0001	0021	
42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SO YD	917	917		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	63,765	63,765		
44000100	PAVEMENT REMOVAL	SO YD	6,370	6,370		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	816	816		
44003100	MEDIAN REMOVAL	SO FT	1,261	1,261		
44004250	PAVED SHOULDER REMOVAL	SO YD	1,610	1,610		
44201297	DOWEL BARS 1"	EACH	40	40		
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SO YD	2,861	2,861		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	355	355		
48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SO YD	31	31		
48300405	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/4"	SO YD	58	58		
50105220	PIPE CULVERT REMOVAL	FOOT	179	179		
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1	1		

13



# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING	
				0001	0002	0021	0022
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,100	1,100			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1			
63200310	GUARDRAIL REMOVAL	FOOT	470	470			
* 66900205	SPECIAL WASTE DISPOSAL	CU YD	400	400			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
67100100	MOBILIZATION	LSUM	1	1			
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	LSUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12			
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	760	760			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	253	253			

\* SPECIALTY ITEM

FILE NAME *	USER NAME * maebl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\12084810\INTEG\illinois.gov\PK1007\00	l:\mnts\DOT Offices\District 9\Projects\13...	DRAWN	REVISED			331	(1-4) R-6	WILLIAMSON	120	11
Default	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -							
	PLOT DATE * 3/18/2010	DATE -	REVISED -							
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.
						ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/ 20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING	
				0001		0021	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	163	163			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19,134	19,134			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	748	748			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	354	354			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	102	102			
* 72000100	SIGN PANEL - TYPE 1	SO FT	32	32			
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7			
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	75	75			
* 72900100	METAL POST - TYPE A	FOOT	42	42			
* 73000100	WOOD SIGN SUPPORT	FOOT	36	36			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	163	163			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,134	19,134			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	748	748			

13 \* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING	
				0001		0021	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	354	354			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	102	102			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	190	190			
<del>78300100</del>	<del>PAVEMENT MARKING REMOVAL</del>	<del>50 FT</del>	<del>7,627</del>	<del>7,627</del>			
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	925	925			
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	159			159	
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	7			7	
<del>82102250</del>	<del>LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT</del>	<del>EACH</del>	<del>1</del>			<del>1</del>	
<del>83006600</del>	<del>LIGHT POLE, ALUMINUM, 30 FT. M. H., 15 FT. MAST ARM</del>	<del>EACH</del>	<del>1</del>			<del>1</del>	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	6			6	
<del>83800650</del>	<del>BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN</del>	<del>EACH</del>	<del>4</del>			<del>4</del>	
* 84200500	REMOVAL OF LIGHTING UNIT. SALVAGE	EACH	7			7	
* <i>84400105</i>	<i>RELOCATE EXISTING LIGHTING UNIT</i>	<i>EACH</i>	<i>3</i>			<i>3</i>	
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1	

\* SPECIALTY ITEM

FILE NAME =	USER NAME = masebl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11884E81D\INTEG\Illinois.gov\PI00T\Documents\100T Office\District 9\Projects\13.d	DRAWN=non\78452\CADData\CADsheets\78	CHECKED -	REVISED -			331	(1-4) R-6	WILLIAMSON	120	13	
PLOT SCALE = 100.0000' / 1"		DATE -	REVISED -			CONTRACT NO. 78452		ILLINOIS FED. AID PROJECT			
Default	PLOT DATE = 3/18/2016					SCALE: SHEET OF SHEETS STA. TO STA.					

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		SIGNALS & LIGHTING	
				0001		0021	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,252				1,252
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	987				987
* 87702955	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1				1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3				3
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11				11
* 87900200	DRILL EXISTING HANDHOLE	EACH	2				2
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4				4
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	4				4
* 88600100	DETECTOR LOOP, TYPE I	FOOT	260				260
* 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1				1
* 89502105	REBUILD EXISTING SIGNAL HEAD, LED	EACH	3				3
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	153				153
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2				2
* 89502380	REMOVE EXISTING HANDHOLE	EACH	2				2

*B* \* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331, IL 13
FUNDING:	80% FED/20% STATE
LOCATION:	RURAL

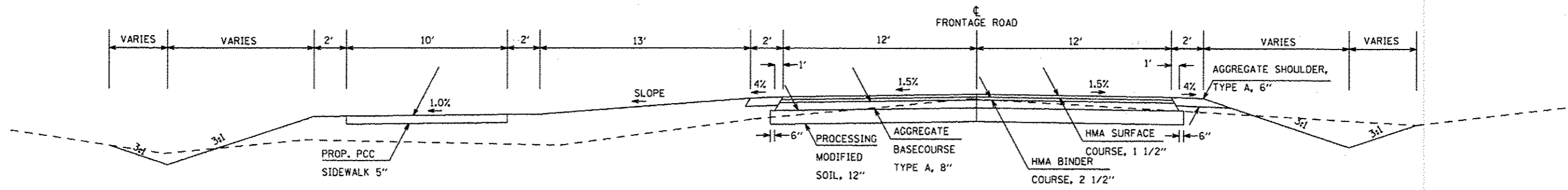
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	RURAL	
				ROADWAY 0001	SIGNALS & LIGHTING 0021
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3		3
* A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10	
* A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	
* A2006916	TREE, QUERCUS PALUSTRIS (PIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10	
X0321156	HIGH VISIBILITY TEMPORARY FENCING	FOOT	113	113	
X0327979	PAYEMENT MARKING REMOVAL - GRINDING	Sq FT	7627	7627	
* X2502019	SEEDING, CLASS 4B (SPECIAL)	ACRE	39	39	
X4402805	ISLAND REMOVAL	SD FT	448	448	
X6028300	INLETS TO BE REMOVED, SPECIAL	EACH	2	2	
* X6310195	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT), MODIFIED	EACH	1	1	
<del>* X8440102</del>	<del>RELOCATE EXISTING LUMINAIRE</del>	<del>EACH</del>	<del>2</del>		<del>2</del>
* X8807670	SIGNAL HEAD, LED, RETROFIT	EACH	1		1
* X8950205	REBUILD EXISTING HANDHOLE, SPECIAL	EACH	1		1
* X8950212	MODIFY EXISTING CONTROLLER CABINET, SPECIAL	EACH	1		1

\* SPECIALTY ITEM

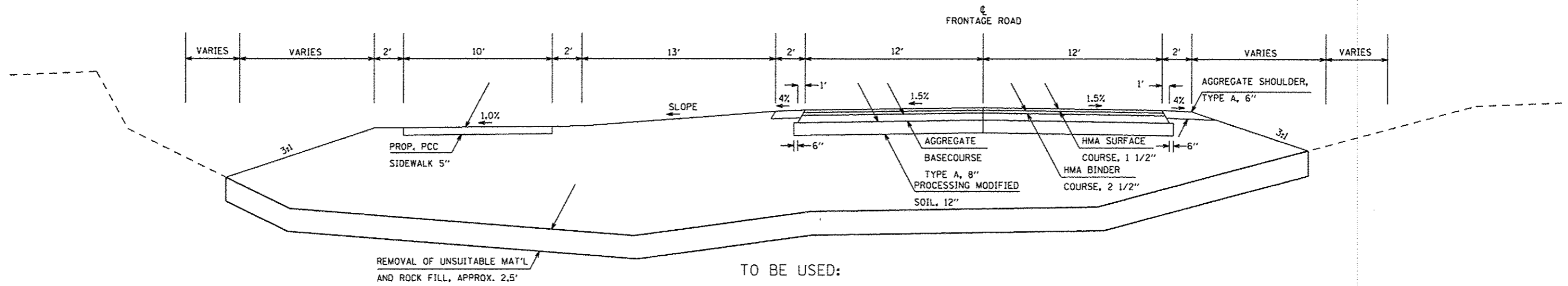




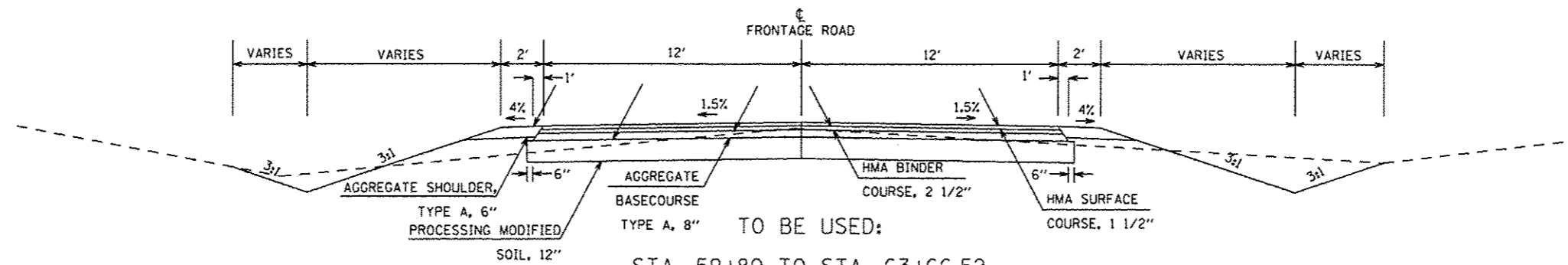
TYPICAL SECTION  
FRONTAGE ROAD



TO BE USED:  
STA. 0+00 TO STA. 43+50  
STA. 48+20 TO STA. 59+80



TO BE USED:  
STA. 43+50 TO STA. 48+20



TO BE USED:  
STA. 59+80 TO STA. 63+66.52

FILE NAME :	USER NAME : maesbl	DESIGNED -	REVISED -
p:\11084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\13.6	DRAWN: nes\78452\CADData\CAD\Sheets\78	CHECKED -	REVISED -
Default	PLOT DATE = 3/18/2016	DATE -	REVISED -

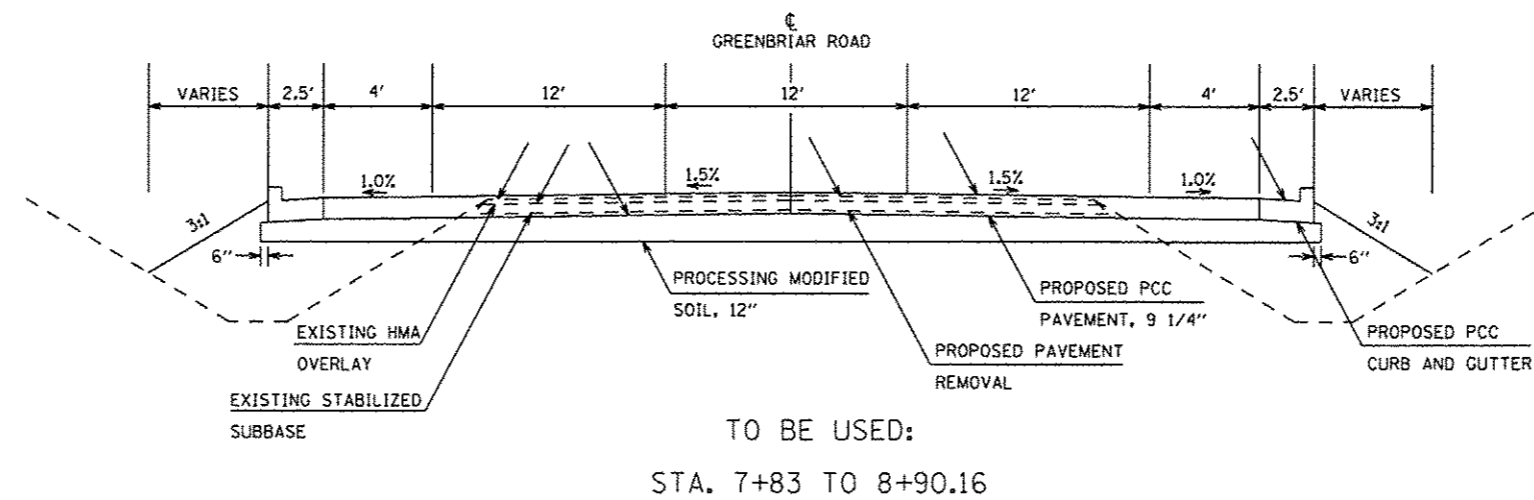
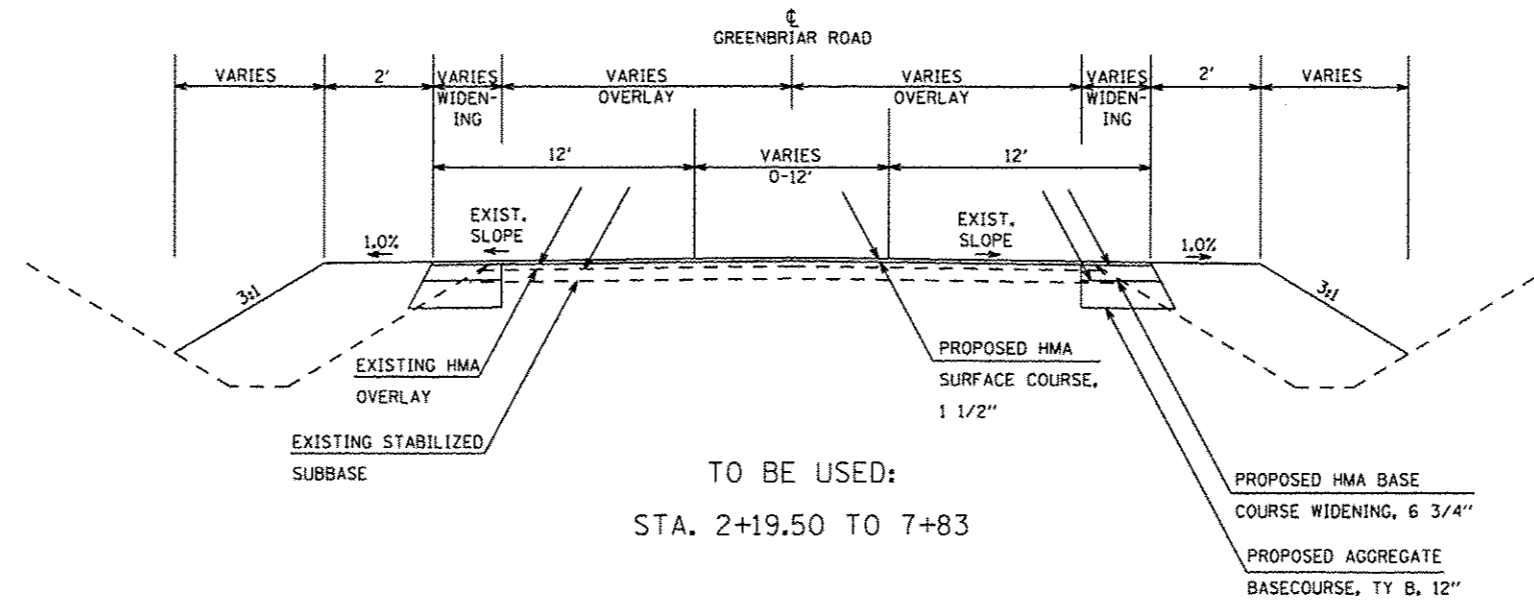
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
FRONTAGE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78452	

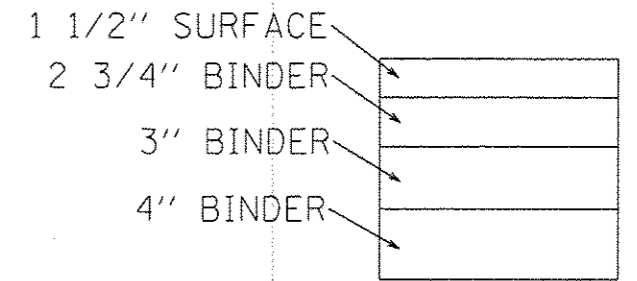
TYPICAL SECTIONS  
GREENBRIAR ROAD



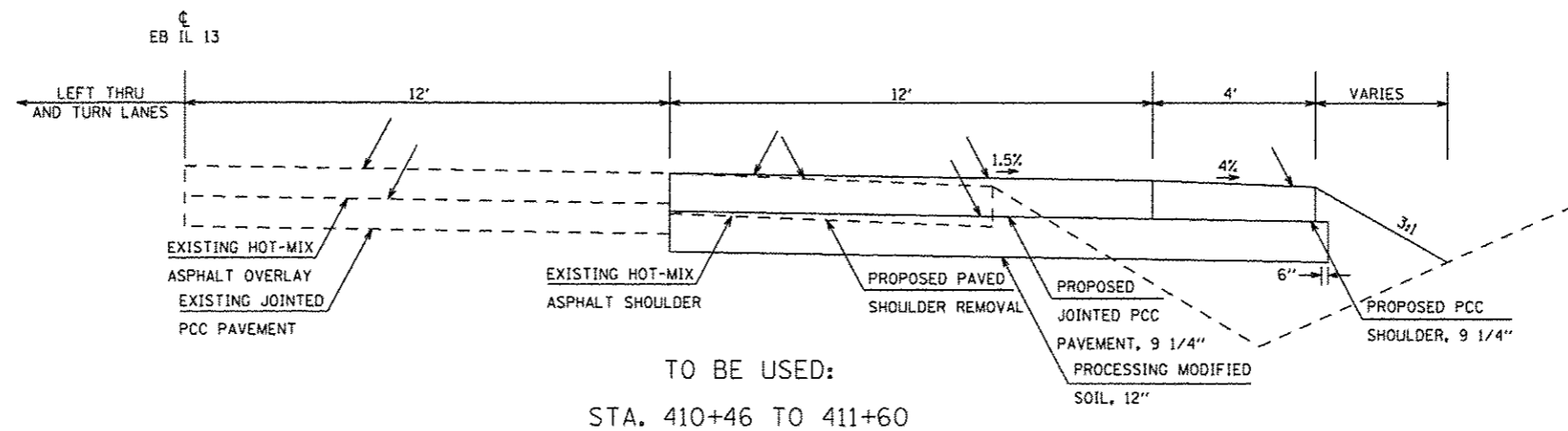
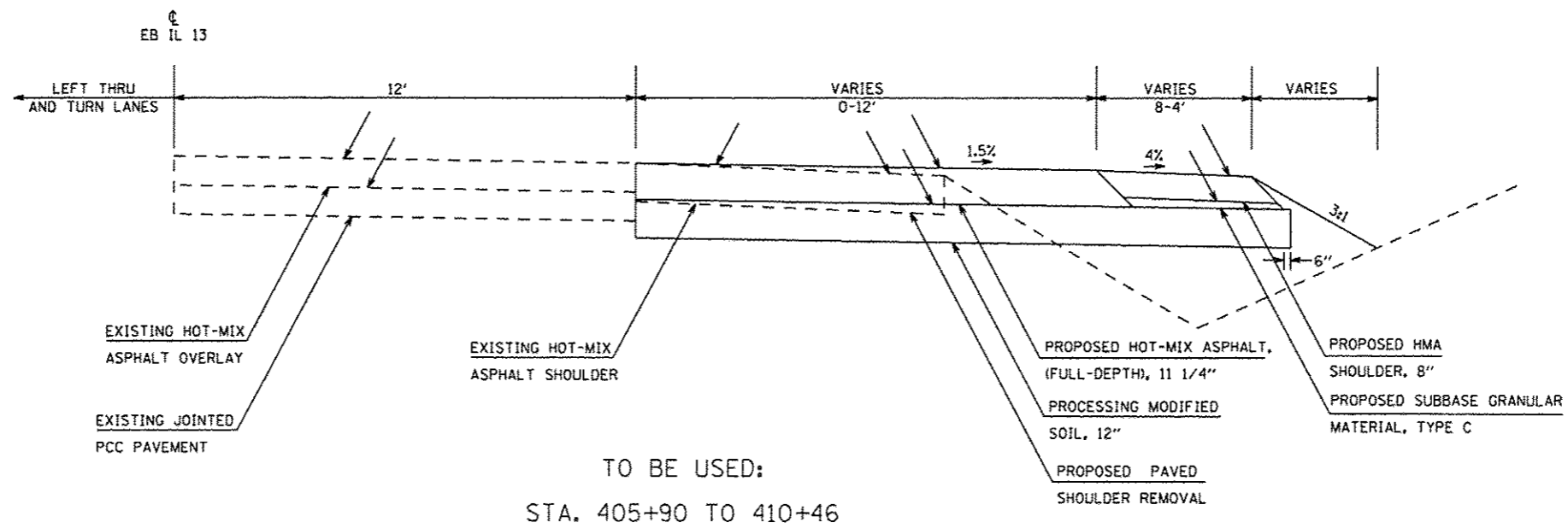
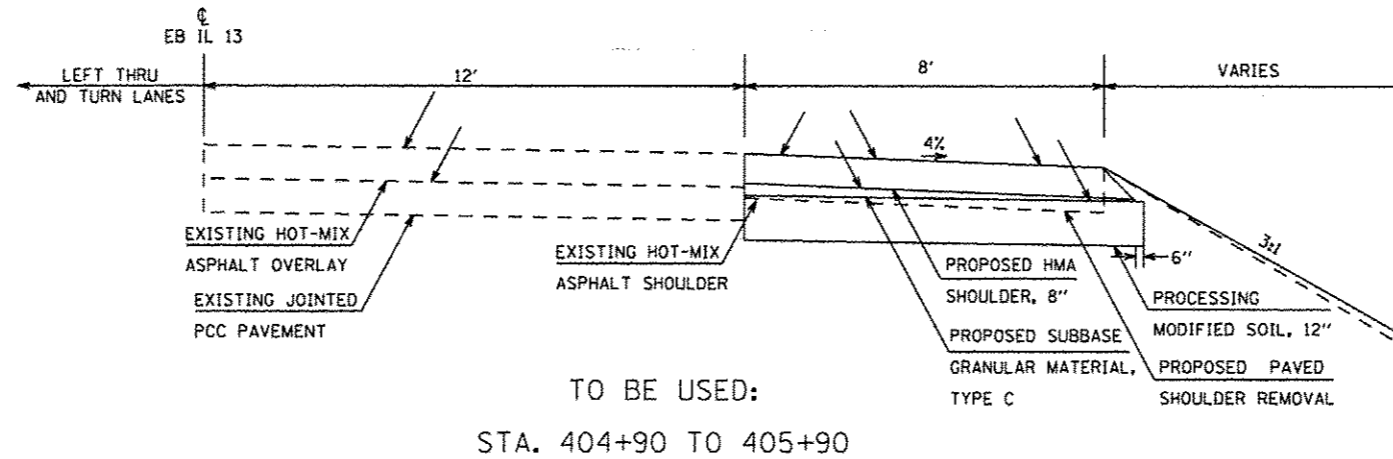
FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION GREENBRIAR ROAD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default							331	(1-4) R-6	WILLIAMSON	120	18	
					SCALE	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
											CONTRACT NO. 78452	

TYPICAL SECTIONS

EB IL 13



PROPOSED HMA  
(FULL DEPTH), 11 1/4"  
LIFT THICKNESSES



FILE NAME	USER NAME	DESIGNED	REVISED
PROJECT	PROJECT	PROJECT	PROJECT
DATE	DATE	DATE	DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
EB IL 13

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	19
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

**REMOVAL SCHEDULE**

LOCATION			LENGTH	PAVEMENT REMOVAL	PAVED SHLD REMOVAL	COMB. CURB & GUTTER REMOVAL	INLETS TO BE REMOVED, SPECIAL	MEDIAN REMOVAL	ISLAND REMOVAL	PIPE CULVERT REMOVAL	BOAT RAMP REMOVAL	HMA SURFACE REMOVAL - BUTT JOINT	REMARKS		
STA.	TO	STA.	FT	SQ YD	SQ YD	FOOT	EACH	SO FT	SO FT	FOOT	CU YD	SQ YD			
GREENBRIAR															
2+19.50	TO	2+49.50	30									15	BUTT JOINT		
8+13.40	TO	8+90.20	77	524	64	143							PCC INTERSECTION		
IL 13															
404+90.00	TO	405+90.00	100		89								8' SHLD		
405+90.00	TO	408+75.00	285		254								0-12' LANE & 8-4' SHLD		
408+75.00	TO	410+46.00	171		152								HMA - 12' LANE & 4' SHLD		
410+46.00	TO	411+60.00	114		113								PCC - 12' LANE & 4' SHLD		
NORTH BOAT RAMP					359		163				54				
IL 13 MEDIAN					2024		713								
IL 13 EB RIGHT TURN					74		225								
CAMPGROUND ROAD					3284		510	2	1261	448	136				
WATERLINE ENTRANCE					88					43					
GREENBRIAR BOAT LAUNCH					17						45				
<b>TOTALS</b>					<b>6370</b>		<b>1610</b>		<b>816</b>	<b>2</b>	<b>1261</b>	<b>448</b>	<b>179</b>	<b>99</b>	<b>15</b>

HMA SCHEDULE

LOCATION			LENGTH	HMA SURFACE COURSE	HMA BINDER COURSE	HMA PAVEMENT (FULL-DEPTH), 1 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HMA BASE COURSE WIDENING, 3/4"	HMA SHLD, 8"	TEMP RAMP	REMARKS
STA.	TO	STA.	FT	TON	TON	SQ YD	POUND	POUND	SQ YD	SQ YD	SQ YD	
FRONTAGE RD												
0+00.00	TO	1+12.40	112	52	88		1389	139				INTERSECTION
1+12.40	TO	63+66.52	6254	1407	2376		37489	3749				
GREENBRIAR												
2+19.50	TO	2+49.50	30	4				30			12	BUTT JOINT
2+49.50	TO	5+89.00	340	75			309	371	138			VARIES 20-24' FIRST 62.3'
5+89.00	TO	8+13.40	224	63			561	281	250			WIDTH VARIES 24' - 36'
IL 13												
404+90.00	TO	405+90.00	100				200	20		89		8' SHLD
405+90.00	TO	408+75.00	285			190	428	129		190		0-12' LANE & 8-4' SHLD
408+75.00	TO	410+46.00	171			228	171	120		76		HMA - 12' LANE & 4' SHLD
PARKING LOT					559	939		14963	1497			
GREENBRIAR BOAT LAUNCH					6							
<b>TOTALS</b>					<b>2166</b>	<b>3403</b>	<b>418</b>	<b>55510</b>	<b>6336</b>	<b>388</b>	<b>355</b>	<b>12</b>

\* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITIES

AGGGREGATE SCHEDULE

LOCATION			LENGTH	AGGREGATE SHOULDER, TY A, 6"	PROCESSING MODIFIED SOIL, 12"	LIME*	AGGREGATE BASE COURSE, TYPE A, 8"	AGGREGATE BASE COURSE, TYPE B *	SUBBASE GRANULAR MATERIAL, TYPE C	SUBBASE GRANULAR MATERIAL, TYPE B	ROCK FILL	STONE RIPRAP, CL A1	REMARKS
STA.	TO	STA.	FT	SQ YD	SQ YD	TONS	SQ YD	TON	TON	TON	TON	TON	
FRONTAGE RD													
0+00.00	TO	1+12.40	112	47	618	19	618						INTERSECTION
1+12.40	TO	63+66.52	6254	2780	18747	557	17128				11668		
GREENBRIAR													
2+19.50	TO	2+49.50	30	14									BUTT JOINT
2+49.50	TO	5+89.00	340	20				94					VARIES 20-24' FIRST 62.3'
5+89.00	TO	8+13.40	224					171					WIDTH VARIES 24' - 36'
8+13.40	TO	8+90.20	77		852	26							PCC INTERSECTION
IL 13													
404+90.00	TO	405+90.00	100		95	3			11				8' SHLD
405+90.00	TO	408+75.00	285		396	12			27				0-12' LANE & 8-4' SHLD
408+75.00	TO	410+46.00	171		314	10			14				HMA - 12' LANE & 4' SHLD
410+46.00	TO	411+60.00	114		209	7							PCC - 12' LANE & 4' SHLD
PARKING LOT					6651	198	6651						
CONTAMINATED SOIL SITE										47			
GREENBRIAR BOAT LAUNCH										223	456	161	
<b>TOTALS</b>					<b>2861</b>	<b>832</b>	<b>24397</b>	<b>265</b>	<b>52</b>	<b>270</b>	<b>12124</b>	<b>161</b>	

\* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITIES

CONCRETE SCHEDULE

LOCATION			LENGTH	PCC PAVEMENT, 9 1/4" (JOINTED)	COMB. CONCRETE CURB & GUTTER	PCC SIDEWALK, 5"	PCC SHOULDER, 9 1/4"	PCC SHOULDER, 6"	BOAT RAMP	REMARKS
STA.	TO	STA.	FT	SO YD	FOOT	SO FT	SO YD	SO YD	SO YD	
FRONTAGE RD										
0+00.00	TO	1+12.40	112			833				INTERSECTION
1+12.40	TO	63+66.52	6254			62932				
GREENBRIAR										
2+49.50	TO	5+89.00	340							VARIES 20-24' FIRST 62.3'
5+89.00	TO	8+13.40	224					31		WIDTH VARIES 24' - 36'
8+13.40	TO	8+90.20	77	765	179					PCC INTERSECTION
IL 13										
410+46.00	TO	411+60.00	114	152			58			PCC - 12' LANE & 4' SHLD
GREENBRIAR BOAT LAUNCH										
									267	
TOTALS					917	179	63765	58	31	267

**EARTHWORK SCHEDULE**

LOCATION			EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EXCESS EXCAVATION	ADDITIONAL EXCAVATION	BORROW PIT SHRINKAGE FACTOR	BORROW EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	SPECIAL WASTE DISPOSAL
STA.	TO	STA.	CU YD	%	CU YD	CU YD	CU YD	CU YD	%	CU YD	CU YD	CU YD
FRONTAGE ROAD			51204	79%	40637	38484	2154				5692	
PARKING LOT			1845	77%	1432	434	998					
GREENBRIAR ROAD			485	62%	299	181	118					
IL 13 EB			42	42%	17	68		51	18%	60		
GREENBRIAR BOAT LAUNCH			25								344	
CONTAMINATED SOIL SITE								378	18%	446		400
<b>TOTALS</b>			<b>53601</b>							<b>507</b>	<b>6036</b>	<b>400</b>

**GUARDRAIL SCHEDULE**

LOCATION	GUARDRAIL REMOVAL	SPBGR	TBT, TYPE 1, TAN	TBT, TYPE 2
	FOOT	FOOT	EACH	EACH
North Boat Ramp	50	450	1	0
IL 13 EB Right Turn	420	650	0	1
<b>TOTALS</b>	<b>470</b>	<b>1100</b>	<b>1</b>	<b>1</b>

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EARTHWORK &  
GUARDRAIL SCHEDULES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	24
CONTRACT NO. 78452			ILLINOIS FED. AID PROJECT	

FILE NAME :	USER NAME :	DESIGNED -	REVISED -
\\IL084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\13.d	meesbl	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.



**ENTRANCE SCHEDULE**

LOCATION	LT/RT	TYPE OF ENTRANCE	PROPOSED WIDTH AT END OF APRON	PROPOSED SURFACE TYPE	RADIUS (DEGREES)	PROPOSED AREA	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE BASE COURSE, TY B	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	PROCESSING MODIFIED SOIL 12"	LIME
			FOOT			SQ FT	TON	TON	POUND	POUND	SQ YD	TONS
FRONTAGE ROAD												
39+13	RT	PE	52	AGG	20	1024	0	39			114	4
47+00	RT	PE		AGG	20	460	0	18			52	2
60+09	RT	CE	75	HMA	20	3242	80	163	811	82	361	11
63+29	RT	CE	75	HMA	20	3510	87	176	878	88	390	12
<b>TOTALS</b>							<b>167</b>	<b>396</b>	<b>1689</b>	<b>170</b>	<b>917</b>	<b>29</b>

- SEE AGGREGATE SCHEDULE FOR ADDITIONAL QUANTITIES
- SEE HMA SCHEDULE FOR ADDITIONAL QUANTITIES

**CULVERT SCHEDULE**

LOCATION		PIPE CULVERTS, CLASS D, TYPE 1	METAL END SECTIONS	PIPE CULVERTS, CLASS A, TYPE 2				PIPE CULVERTS, CLASS A, TYPE 4	PRC, FLARED END SECTIONS				STONE DUMP RIPRAP	REMARKS
STATION	SKEW (DEGREES)	12"	12"	24"	30"	42"	54"	24"	24"	30"	42"	54"	SO YD	
		FOOT	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH		
FRONTAGE ROAD														
14+10	40 LT AH					104					2		53	
21+45	20 LT AH							68	2				14	
27+07	10 RT AH						76					2	94	
34+25	0				68					2			24	
51+50	0			92					2				35	
59+76	0	24	2											68' O/S, SKEW 40 DEGREES RT AH TO PATH
60+28	0	40	2										6	40' O/S, 19' LT, 21' RT
<b>TOTALS</b>		<b>64</b>	<b>4</b>	<b>92</b>	<b>68</b>	<b>104</b>	<b>76</b>	<b>68</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>226</b>	

**TREE PLANTING SCHEDULE**

TREE TYPE	UNIT	PLANTING LOCATIONS				TOTALS
		PARCEL #1 (6 ACRES)	PARCEL #2 (6 ACRES)	PARCEL #3 (3 ACRES)	PRAIRIE CREEK	
		AT IL 13 & GREENBRIAR RD	AT OLD IL 13 & PENTECOST RD	AT OLD IL 13 & BAINBRIDGE TRAIL	AT CAMPGROUND AREA	
TREE, CARYA GLABRA (PIGNUT HICKORY), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	35	34	34		103
TREE, CARYA OVATA (SHAGBARK HICKORY), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	34	35	34		103
TREE, CARYA TOMENTOSA (MOCKERNUT HICKORY), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	34	34	35		103
TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	35	34	34		103
TREE, CORYLUS AMERICANA (AMERICAN HAZELNUT), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	34	35	34		103
TREE, QUERCUS STELLATA (POST OAK), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	34	34	35		103
TREE, QUERCUS VELUTINA (BLACK OAK), CONTAINER GROWN, 3-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	34	34	34		102
TREE, QUERCUS PAGODA (CHERRYBARK OAK), 1.5" CALIPER, BALLED AND BURLAPPED	EACH				10	10
TREE, QUERCUS RUBRA (NORTHERN RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH				10	10
TREE, QUERCUS MUEHENBERGII (CHINKAPIN OAK), 1.5" CALIPER, BALLED AND BURLAPPED	EACH				7	7
TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH				10	10
TREE, QUERCUS MUEHLENBERGI (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH				3	3
TREE, QUERCUS PALUSTRIS (PIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH				10	10

TREE REMOVAL SCHEDULE

STATION	OFFSET, LT/RT	TREE REMOVAL	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)	REMARKS
	FEET	ACRE	UNIT	UNIT	
0+00 TO 1+00	141 RT TO 67 L	0.2			
1+00 TO 4+85	70 RT TO 84 LT	1.2			
8+66 TO 14+65	73 RT TO 110 L	2.0			
14+88	28 RT		6		
15+00	5 LT		6		
15+00	20 LT		8		
15+65	5 LT		7		
15+70	20 RT		6		
15+75	3 RT		6		
15+90	15 RT		6		
16+50	10 LT		6		
16+52	32 RT		6		
17+05	10 LT		9		
17+15	25 RT		6		
17+40	25 LT		7		
17+90	20 RT		6		
17+95	17 LT		8		
18+20	15 LT		6		
18+20	20 RT		6		
18+22	22 RT		6		
18+25	15 RT		8		
18+70	0		7		
18+80	25 RT		7		
18+82	25 LT		6		
18+82	25 LT		6		
18+85	5 LT		8		
18+85	5 RT		7		
18+86	24 LT		7		
18+86	24 LT		8		
18+95	20 RT		7		
18+95	35 LT		7		
18+97	20 RT		6		
19+00	0		8		
19+05	5 RT		7		
19+10	15 RT		6		
19+37	10 RT		6		
19+40	41 LT		6		
19+42	10 RT		7		
19+50	45 LT		6		
19+60	25 LT		7		
19+65	40 LT		6		
19+80	40 LT		9		
SUBTOTALS ( PG1)		4	263	0	

TREE REMOVAL SCHEDULE, CONT.

STATION	OFFSET, LT/RT	TREE REMOVAL	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)	REMARKS
	FEET	ACRE	UNIT	UNIT	
19+80	0		7		
19+84	17 RT		7		
19+85	40 LT		6		
19+90	50 LT		6		
20+00	50 LT		9		
20+05	50 LT		9		
20+25	50 LT		7		
20+25	30 LT		7		
20+25	0		7		
20+30	30 LT		6		
20+30	25 LT		6		
20+42	40 LT		6		
20+50	25 LT		7		
20+60	30 RT		7		
21+25	20 LT		6		
21+35	35 LT		7		
21+40	45 LT		12		
21+50	30 LT			22	
21+50	35 LT		6		
21+55	22 LT			22	
21+60	41 LT		11		
21+60	50 LT		7		
21+61	41 LT		11		
22+31	25 LT		6		
22+50	20 LT		6		
22+90	10 RT		6		
23+10	25 LT		6		
23+18	50 LT		9		
23+45	10 RT		6		
23+50	25 RT		7		
23+80	0		7		
23+83	32 LT		6		
24+00	10 RT		6		
24+05	20 LT		6		
24+08	5 LT		8		
24+15	25 LT		6		
24+15	25 LT		9		
24+25	0		6		
24+25	0		6		
24+25	0		6		
24+25	30 LT		6		
24+50	30 RT		6		
SUBTOTALS ( PG2)		0	281	44	

TREE REMOVAL SCHEDULE, CONT.

STATION	OFFSET, LT/RT	TREE REMOVAL	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)	REMARKS
	FEET	ACRE	UNIT	UNIT	
24+60	15 LT		7		
24+86	30 LT		14		
24+90	35 LT		8		
24+95	5 RT		13		
24+95	15 RT		6		
24+95	20 RT		6		
24+98	60 LT			22	
25+00	40 RT		6		
25+00	20 RT		6		ON GROUND
25+00 TO 28+00	75 RT TO 93 LT	0.8			
28+40	65 LT		6		
28+40	45 LT		7		
28+50	5 LT		9		
28+50	5 LT		6		
28+50	50 LT		7		
28+60	10 LT		6		
28+60	60 LT		6		
28+75	45 RT		6		
28+75	45 RT		9		
28+75	65 LT		6		
28+75	65 LT		6		
28+85	30 RT		7		
28+90	15 RT		6		
28+90	15 RT		7		
29+15	5 RT		7		
29+20	45 LT		6		
29+30	35 LT		6		
29+85	25 RT		6		
29+85	25 RT		7		
30+10	2 LT		8		
30+25	25 LT		7		
30+50	25 LT		6		
30+55	30 RT		6		
30+80	20 RT		8		
31+10	20 RT		10		
31+25	10 LT		9		
31+33	25 RT		6		
31+40	0		6		
31+75	10 LT		7		
31+88	20 RT		8		
32+25	25 LT		6		
32+30	10 RT		6		
SUBTOTALS ( PG3)		1	285	22	

TREE REMOVAL SCHEDULE, CONT.

STATION	OFFSET, LT/RT	TREE REMOVAL	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)	REMARKS
	FEET	ACRE	UNIT	UNIT	
32+30	20 LT		6		
32+40	45 LT		7		
32+55	20 RT		10		
32+55	50 LT		7		
32+70	10 RT		6		
33+00	20 RT		6		
33+00	35 LT		7		
33+17	50 LT		7		
33+20	25 LT		13		
33+50	45 LT		8		
33+52	26 RT		6		
33+70	10 RT		6		
34+00	10 RT		7		
34+10	60 LT		7		
34+10	43 LT		7		
34+20	40 LT		8		
34+25	25 RT		6		
34+35	20 RT		7		
34+35	10 RT		7		
34+60	20 RT		6		
34+35	55 LT		8		
34+80	55 LT		6		
35+10	15 RT		9		
35+15	50 LT		6		
35+45	45 LT		6		
36+00	35 RT		6		
36+30	20 LT		6		
36+35	50 LT		6		
36+35	50 LT		6		
36+40	10 RT		7		
36+45	5 RT		6		
36+75	50 LT		6		
36+85	30 LT		11		
36+85	30 LT		13		
36+95	60 LT		6		
37+25	28 LT		7		
37+30	30 LT		9		
37+50	60 LT		7		
37+65	25 LT		11		
37+75	55 LT		6		
37+85	20 RT		6		
37+90	5 RT		6		
SUBTOTALS ( PG4)		0	304	0	

FILE NAME : USER NAME : moesbl  
 DESIGNED - REVISED -  
 DRAWN - REVISED -  
 CHECKED - REVISED -  
 DATE - REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TREE REMOVAL SCHEDULE  
 SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	28
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE, CONT.

STATION	OFFSET, LT/RT	TREE REMOVAL	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)	REMARKS
	FEET	ACRE	UNIT	UNIT	
37+90	40 LT			17	
38+23 TO 39+63	39 RT TO 56 LT	0.3			
42+55 TO 43+55	74 RT TO 157 LT	0.2			
51+75 TO 52+84	55 RT TO 75 LT	0.3			
62+05	50 RT			31	
62+60	20 RT		10		
62+60	20 RT		11		
62+60	20 RT			27	
62+60	20 RT		7		
62+80	80 RT			16	
62+80	80 RT		9		
62+80	80 RT		9		
62+95	22 RT			35	
63+15	22 RT			16	
63+51	20 LT		12		
63+62	20 LT			21	
63+62	71 LT			24	
63+64	20 LT			16	
SUBTOTALS (PG5)		1	58	203	
SUBTOTALS (PG1)		4	263	0	
SUBTOTALS (PG2)		0	281	44	
SUBTOTALS (PG3)		1	285	22	
SUBTOTALS (PG4)		0	304	0	
TOTALS		6	1191	269	

FILE NAME =	USER NAME = maoobl	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
Default	PLOT DATE = 3/18/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TREE REMOVAL SCHEDULE**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78452	

**SEEDING AND EROSION CONTROL SCHEDULE**

LOCATION			SEEDING, CLASS 2	SEEDING, CLASS 4B, SPECIAL	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	
STA.	TO	STA.	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	
FRONTAGE RD											
0+00.00	TO	1+12.40	0.2		0.2	36	18	18	0.4	0.4	
1+12.40	TO	61+06.50	11.9		11.9	2142	1071	1071	23.8	23.8	
61+06.50	TO	63+66.50	0.3		0.3	54	27	27	0.6	0.6	
GREENBRIAR											
2+19.50	TO	2+49.50	0.1		0.1	18	9	9	0.2	0.2	
2+49.50	TO	5+89.00	0.1		0.1	18	9	9	0.2	0.2	
5+89.00	TO	8+13.40	0.1		0.1	18	9	9	0.2	0.2	
8+13.40	TO	8+90.20	0.1		0.1	18	9	9	0.2	0.2	
IL 13											
404+90.00	TO	405+90.00	0.1		0.1	18	9	9	0.2	0.2	
405+90.00	TO	408+75.00	0.1		0.1	18	9	9	0.2	0.2	
408+75.00	TO	410+46.00	0.1		0.1	18	9	9	0.2	0.2	
410+46.00	TO	411+60.00	0.1		0.1	18	9	9	0.2	0.2	
TREE PLANTING AREAS											
PARCEL #1 (6 ACRES)											
PARCEL #2 (6 ACRES)											
PARCEL #3 (3 ACRES)											
PARKING LOT											
NORTH BOAT LAUNCH			0.6		0.6	108	54	54	1.2	1.2	
IL 13 MEDIAN			0.6		0.6	108	54	54	1.2	1.2	
IL 13 EB RIGHT TURN			0.1		0.1	18	9	9	0.2	0.2	
CAMPGROUND ROAD			0.5		0.5	90	45	45	1.0	1.0	
WATERLINE ENTRANCE			0.1		0.1	18	9	9	0.2	0.2	
WETLAND MITIGATION SITE (39 ACRES)					38.4	38.4	6912	3456	3456	76.8	76.8
<b>TOTALS</b>			<b>16</b>	<b>39</b>	<b>54</b>	<b>9630</b>	<b>4815</b>	<b>4815</b>	<b>107</b>	<b>107</b>	

SEEDING AND EROSION CONTROL SCHEDULE CONT.

LOCATION			EROSION CONTROL BLANKET	TEMP EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	MOWING	REMARKS
STA.	TO	STA.	SQ YD	POUND	FOOT	EACH	FOOT	ACRE	
FRONTAGE RD									
0+00.00	TO	1+12.40	150	60	18				
1+12.40	TO	61+06.50	7993	3570	960				
61+06.50	TO	63+66.50	232	90	42				
GREENBRIAR									
2+19.50	TO	2+49.50	27	30	5				
2+49.50	TO	5+89.00	151	30	55				
5+89.00	TO	8+13.40	100	30	36				
8+13.40	TO	8+90.20		30	13				
IL 13									
404+90.00	TO	405+90.00		30					
405+90.00	TO	408+75.00		30					
408+75.00	TO	410+46.00		30					
410+46.00	TO	411+60.00		30					
TREE PLANTING AREAS									
PARCEL #1 (6 ACRES)								18	AREA TO BE MOWED 3 TIMES
PARCEL #2 (6 ACRES)								18	AREA TO BE MOWED 3 TIMES
PARCEL #3 (3 ACRES)								9	AREA TO BE MOWED 3 TIMES
PARKING LOT							993		
NORTH BOAT LAUNCH				180			995		
IL 13 MEDIAN				180		2			
IL 13 EB RIGHT TURN				30		1	285		
CAMPGROUND ROAD				150			217		
WATERLINE ENTRANCE				30					
WETLAND MITIGATION SITE (39 ACRES)								117	AREA TO BE MOWED 3 TIMES
TOTALS			8653	4530	1129	3	2490	162	

\* THE ACTUAL DITCH CHECK LOCATION AND QUANTITY IS TO BE DETERMINED BY THE ENGINEER. THE LOCATIONS PROVIDED IN THE SCHEDULE ARE APPROXIMATE TO ESTABLISH A PLAN QUANTITY

SIGN PANEL SCHEDULE

LOCATION (LT/RT)	SIGN DESIG.	SIGN PANEL TYPE 1	REMOVE SIGN PANEL ASSEMBLY, TYPE A	REMOVE SIGN PANEL, TYPE 1	METAL POST TYPE A	WOOD SIGN SUPPORT	REMARKS
		SQ FT	EACH	SQ FT	FOOT	FOOT	
IL 13 EB							
WEST OF CAMPGROUND, LT			1				CROSS ROAD, RECREATION AREA
WEST OF CAMPGROUND, RT			1				CROSS ROAD, RECREATION AREA
WEST OF CAMPGROUND, LT				1			▪ LEFT TURN LANE
WEST OF CAMPGROUND, RT				1			▪ RECREATION AREAS
WEST OF CAMPGROUND, RT				4			▪ CAMPING
AT CAMPGROUND, LT				6			DO NOT ENTER
AT CAMPGROUND, RT				6			DO NOT ENTER
AT CAMPGROUND, RT				1			▪ STREET SIGN FOR IL 13
AT CAMPGROUND, LT				3			ONE WAY
AT CAMPGROUND, LT				4			YIELD
WEST OF GREENBRIAR, RT				6			▪ STOP LIGHT AHEAD
WEST OF GREENBRIAR, RT				1			▪ J. A. L. COLLEGE
WEST OF GREENBRIAR, RT			1				▪ CARTERVILLE, POP., MILE MARKER
WEST OF CAMPGROUND, LT				1			▪ YIELD
IL 13 WB							
EAST OF CAMPGROUND, LT			1				CROSSROAD, RECREATION AREA
EAST OF CAMPGROUND, RT			1				CROSSROAD, RECREATION AREA
EAST OF CAMPGROUND, LT				1			▪ LEFT TURN LANE
EAST OF CAMPGROUND, RT				1			▪ RECREATION AREAS
EAST OF CAMPGROUND, RT				6			DO NOT ENTER
EAST OF CAMPGROUND, LT				3			ONE WAY
IL 13 SUBTOTAL		0	5	46	0	0	

▪ TO BE RELOCATED BY IDOT



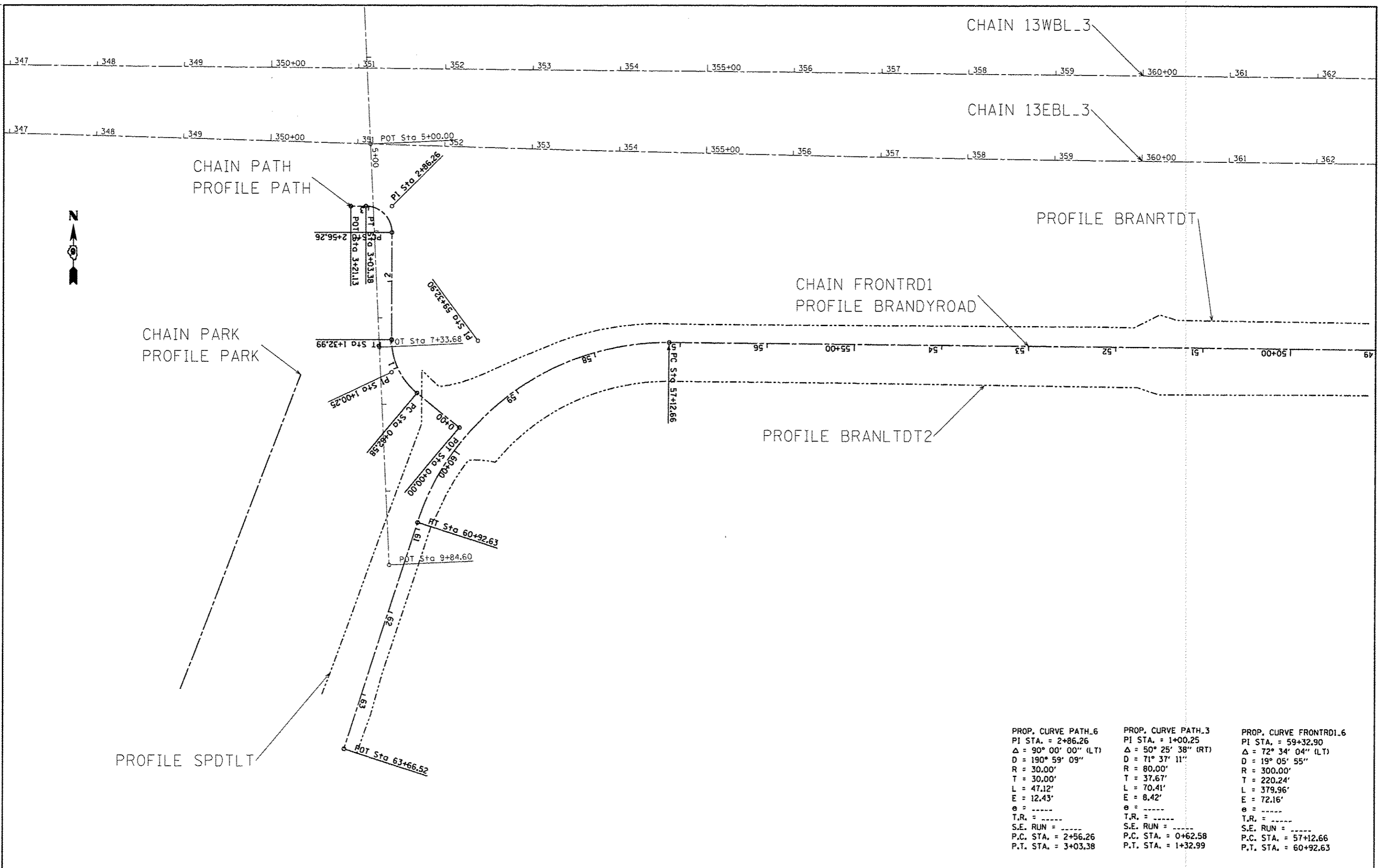


PAVEMENT MARKING SCHEDULE

LOCATION			PAV'T MARKING REMOVAL SQ FT	THERMO. PVMT. MARK., LINE 4"			THERMO. PVMT. MARK., LINE 8"	THERMO. PVMT. MARK., LINE 12"	THERMO. PVMT. MARK., LINE 24"	THERMO. PVMT. MARK., LETTERS AND SYMBOLS SQ FT	REMARKS
STA.	TO	STA.		W-SOLID FOOT	Y-SOLID FOOT	Y-DASHED FOOT	YELLOW SOLID FOOT	WHITE SOLID FOOT	WHITE SOLID FOOT		
FRONTAGE RD											
0+00.00	TO	1+12.40	201	398		23			31		INTERSECTION
1+12.40	TO	63+66.52	4795	12509		1564		150			
PARKING LOT			1414	1600	652	194	748		15	83	
GREENBRIAR											
2+19.50	TO	5+89.00	175	437		93					
5+89.00	TO	8+13.40	235	712							
8+13.40	TO	8+90.20	523	382				204	56	80	INTERSECTION
IL 13											
405+90.00	TO	411+60.00	284	570							
TOTALS			7627	16608	652	1874	748	354	102	163	
				19134							

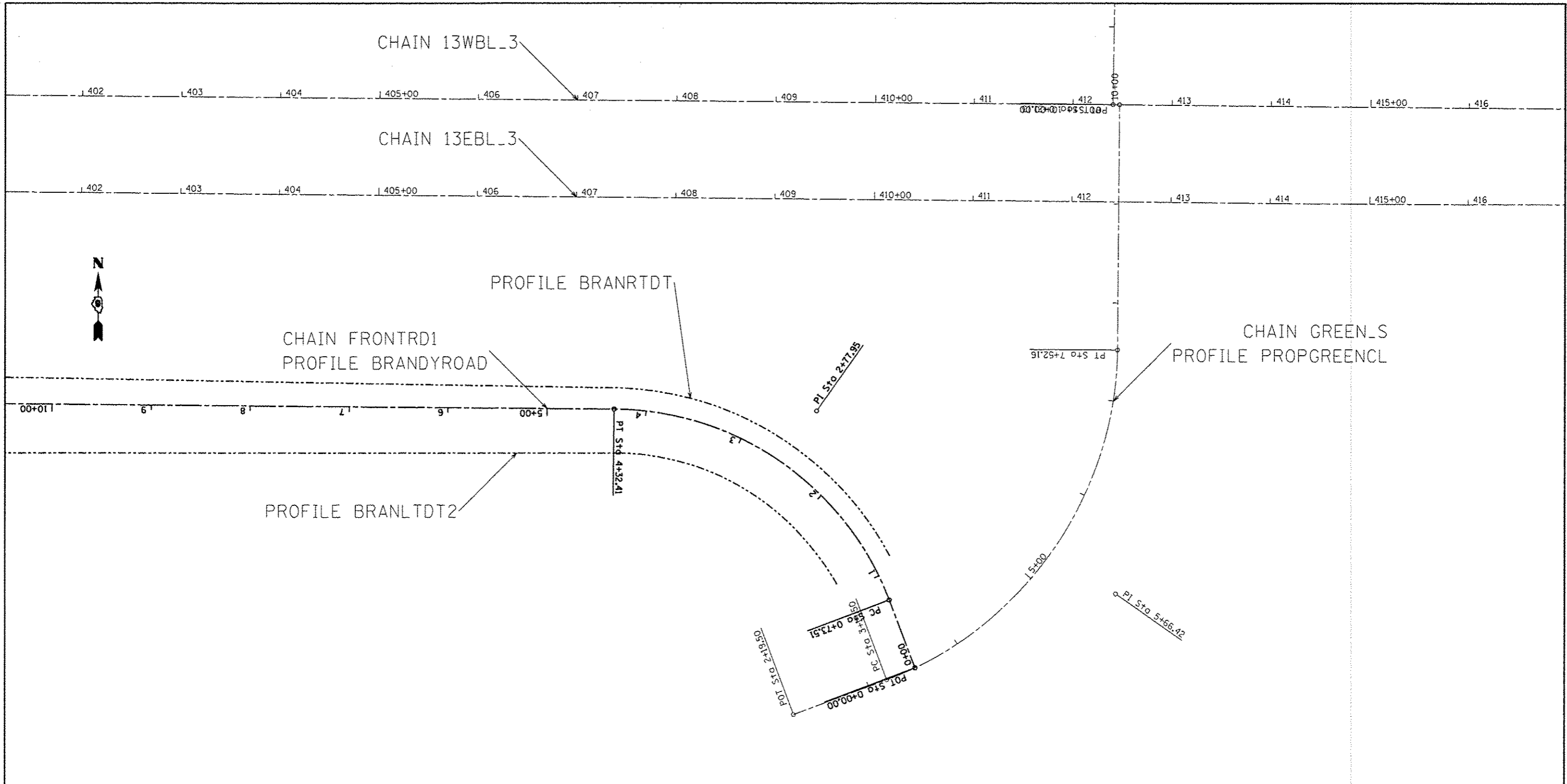
PAVEMENT MARKING SCHEDULE CONT.

LOCATION			SHORT TERM PAV'T MARKING FOOT	SHORT TERM PAV'T MARKING REMOVAL SQ FT	TEMP. PAV'T MARKINGS, LINE 4" FOOT	TEMP. PAV'T MARKINGS, LINE 8" FOOT	TEMP. PAV'T MARKINGS, LINE 12" FOOT	TEMP. PAV'T MARKINGS, LINE 24" FOOT	TEMP. PAV'T MARKINGS LETTERS & SYMBOLS SQ FT	RAISED REFLECTIVE PAV'T MARKERS EACH	REMARKS
FRONTAGE RD											
0+00.00	TO	1+12.40	9	3	421			31		3	INTERSECTION
1+12.40	TO	63+66.52	626	207	14073		150			157	
PARKING LOT					2446	748		15	83		
GREENBRIAR											
2+19.50	TO	5+89.00	37	13	530					10	
5+89.00	TO	8+13.40	23	8	712					6	
8+13.40	TO	8+90.20	8	3	382		204	56	80	2	INTERSECTION
IL 13											
405+90.00	TO	411+60.00	57	19	570					12	
TOTALS			760	253	19134	748	354	102	163	190	



PROP. CURVE PATH.6	PROP. CURVE PATH.3	PROP. CURVE FRONTRD1.6
PI STA. = 2+86.26	PI STA. = 1+00.25	PI STA. = 59+32.90
$\Delta = 90^\circ 00' 00''$ (LT)	$\Delta = 50^\circ 25' 38''$ (RT)	$\Delta = 72^\circ 34' 04''$ (LT)
D = 190' 59' 09"	D = 71' 37' 11"	D = 19' 05' 55"
R = 30.00'	R = 80.00'	R = 300.00'
T = 30.00'	T = 37.67'	T = 220.24'
L = 47.12'	L = 70.41'	L = 379.96'
E = 12.43'	E = 8.42'	E = 72.16'
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 2+56.26	P.C. STA. = 0+62.58	P.C. STA. = 57+12.66
P.T. STA. = 3+03.38	P.T. STA. = 1+32.99	P.T. STA. = 60+92.63

FILE NAME =	USER NAME = maasbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GEOPAK ELEMENTS IDENTIFICATION SHEET</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -			331	(1-4) R-6	WILLIAMSON	120	35
		DATE -	REVISED -			CONTRACT NO. 78452		ILLINOIS FED. AID PROJECT		
PLOT SCALE = 1/88,0000 / in PLOT DATE = 3/18/2016				SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.						



PROP. CURVE FRONTRD1\_3  
 PI STA. = 2+77.95  
 $\Delta$  = 68° 32' 39" (LT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 204.43'  
 L = 358.90'  
 E = 63.03'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 0+73.51  
 P.T. STA. = 4+32.41

EXIST. CURVE GREEN\_S\_3  
 PI STA. = 5+66.42  
 $\Delta$  = 69° 00' 00" (LT)  
 D = 15° 56' 52"  
 R = 359.27'  
 T = 246.92'  
 L = 432.66'  
 E = 76.67'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 3+19.50  
 P.T. STA. = 7+52.16

FILE NAME	USER NAME = m008bl	DESIGNED -	REVISED -
\\IL084E\DI\INTEG\Illinois.gov\PIDOT\Documents\1001\Offices\Dist\1019\Projects\13.d		DRAWN = m008bl	REVISED =
	PLOT SCALE = 1/8" = 100' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/18/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

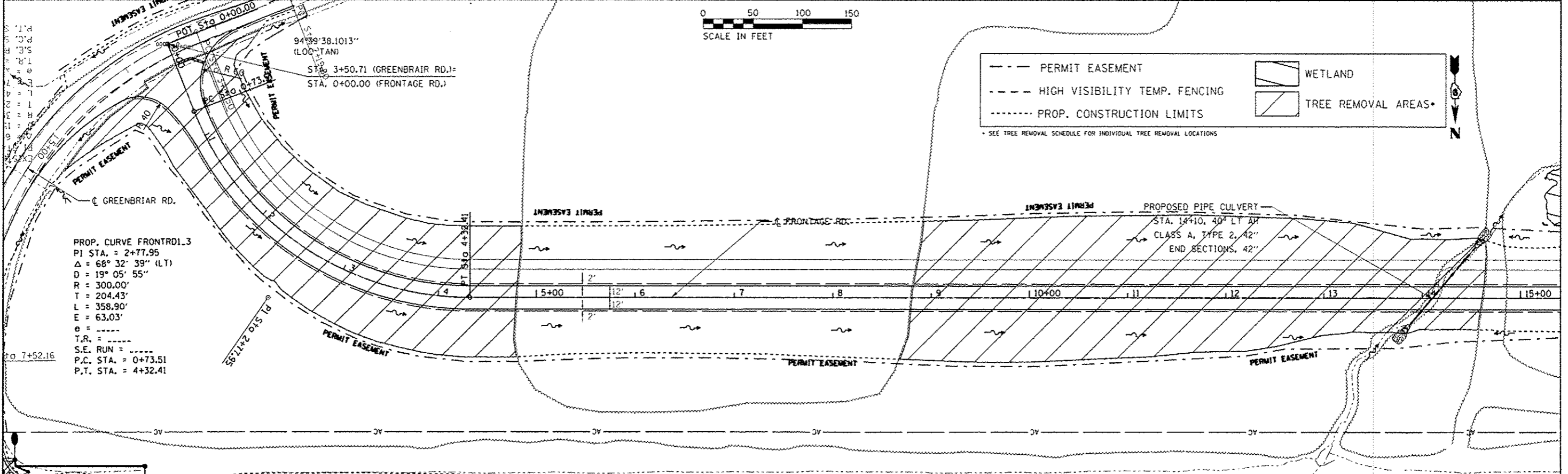
**GEOPAK ELEMENTS  
 IDENTIFICATION SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	36
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PLANNED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_



PROP. CURVE FRONT RD 1.3  
 PI STA. = 2+77.95  
 $\Delta = 68^\circ 32' 39''$  (L.T.)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 204.43'$   
 $L = 358.90'$   
 $E = 63.03'$   
 $\theta =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 0+73.51$   
 $P.T. STA. = 4+32.41$

--- PERMIT EASEMENT  
 - - - HIGH VISIBILITY TEMP. FENCING  
 ..... PROP. CONSTRUCTION LIMITS

WETLAND  
 TREE REMOVAL AREAS

SEE TREE REMOVAL SCHEDULE FOR INDIVIDUAL TREE REMOVAL LOCATIONS

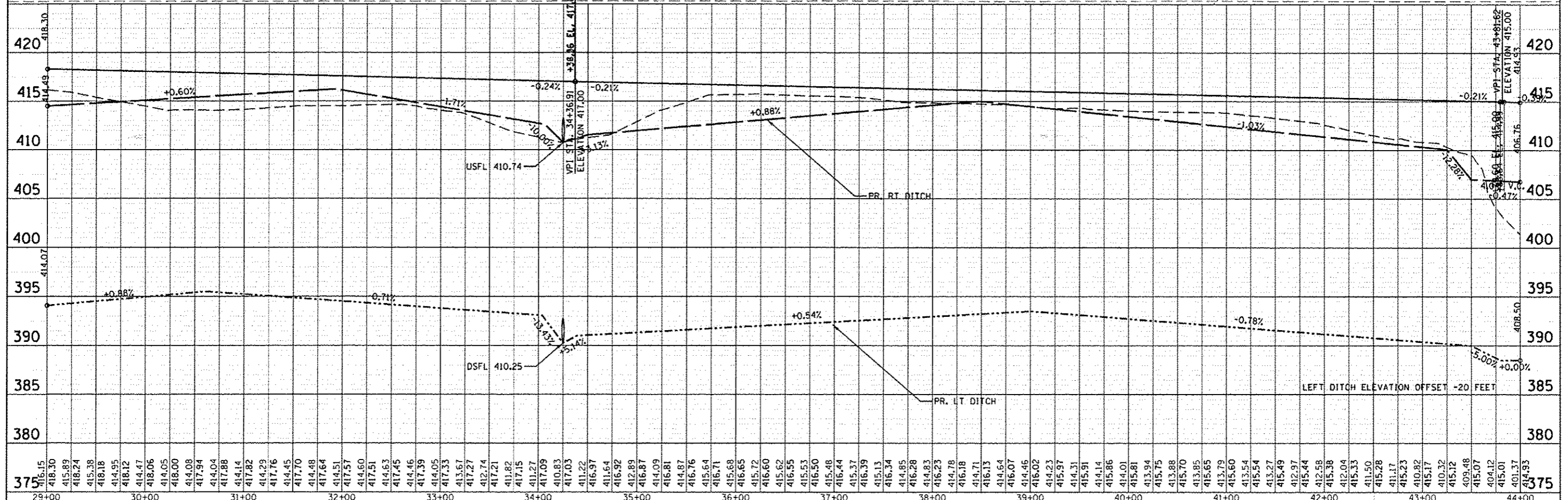
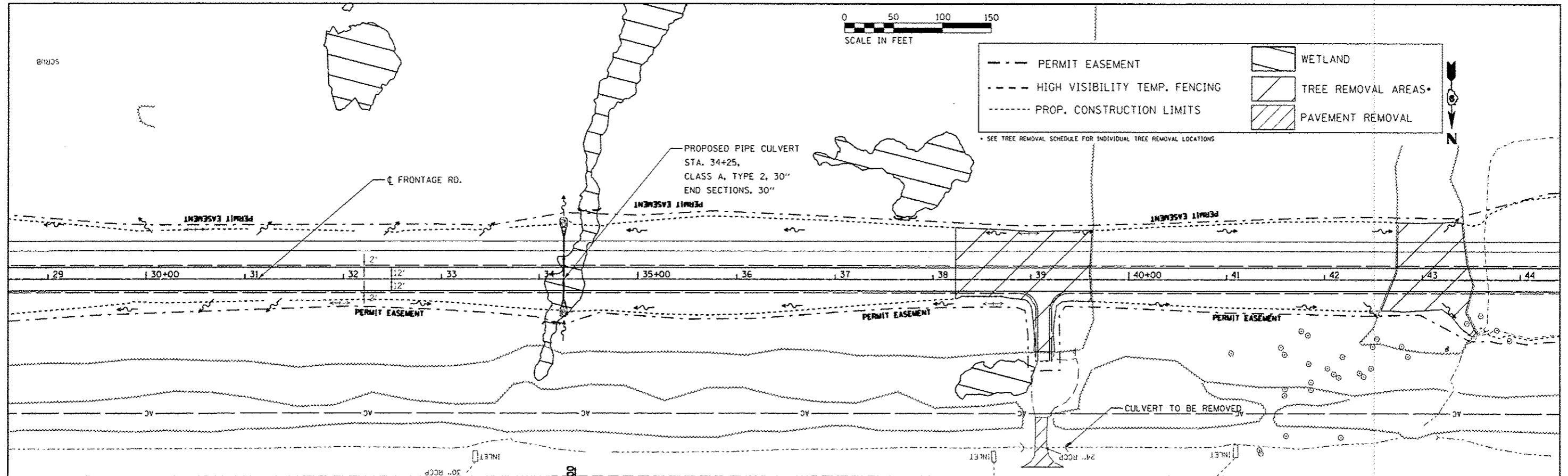


FILE NAME: \\L884EBID\ITC\Illinois\gov\PHD01\Documents\DOT\Districts\9\Projects\13\g... A_BrandyRoad	USER NAME: meesbl	DESIGNED: -	REVISOR: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE FRONTAGE ROAD	F.A.P. RTE. 331	SECTION (1-4) R-6	COUNTY WILLIAMSON	TOTAL SHEETS 120	SHEET NO. 37	CONTRACT NO. 78452	ILLINOIS FED. AID PROJECT
PLANT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISOR: -	DATE: -	SCALE: SHEET 1 OF 5 SHEETS	STA. TO STA.							



DATE	
BY	
SCALE	
PROJECT	
NO.	
DATE	
BY	
SCALE	
PROJECT	
NO.	

DATE	
BY	
SCALE	
PROJECT	
NO.	
DATE	
BY	
SCALE	
PROJECT	
NO.	



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN AND PROFILE FRONTAGE ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\8848\BID\WEG\Illinois.gov\PHD01\Documents\DOT Offices\District 9\Projects\13.gis\DRAWING\78452\CRDData\CRDData\78452	mestl	DRW	REVISED					331	(1-4) R-6	WILLIAMSON	120	39
Plot Scale: 1/8" = 100'	Plot Date: 5/27/2016	CHECKED	REVISED							CONTRACT NO. 78452		
		DATE	REVISED			SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT		

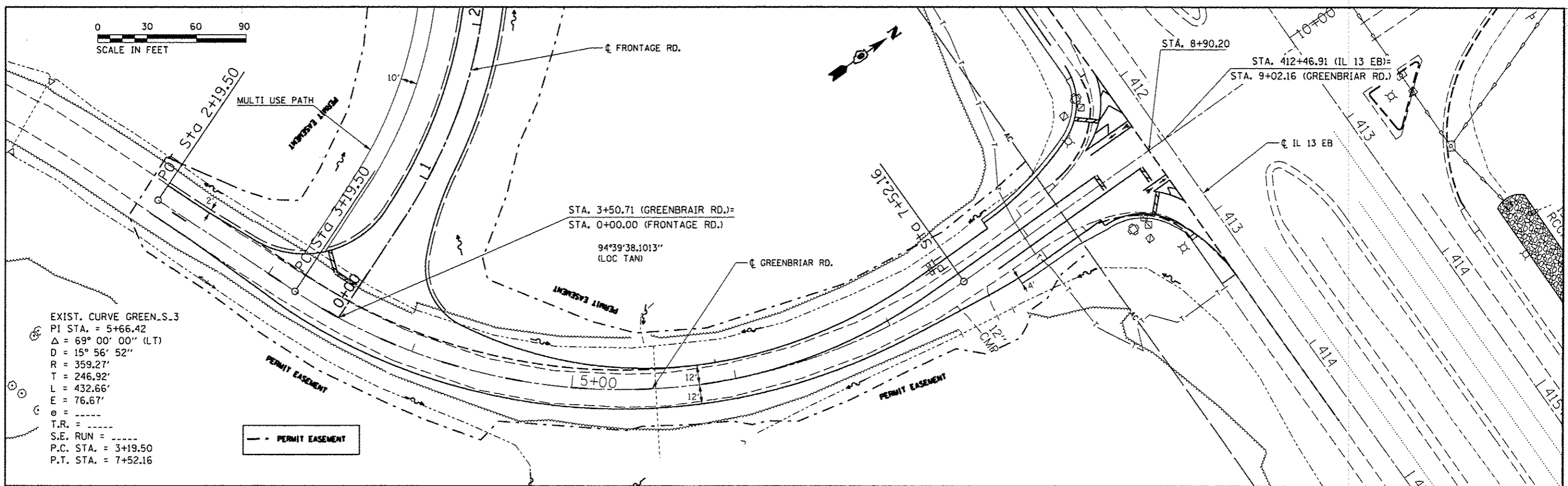
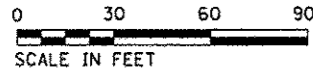






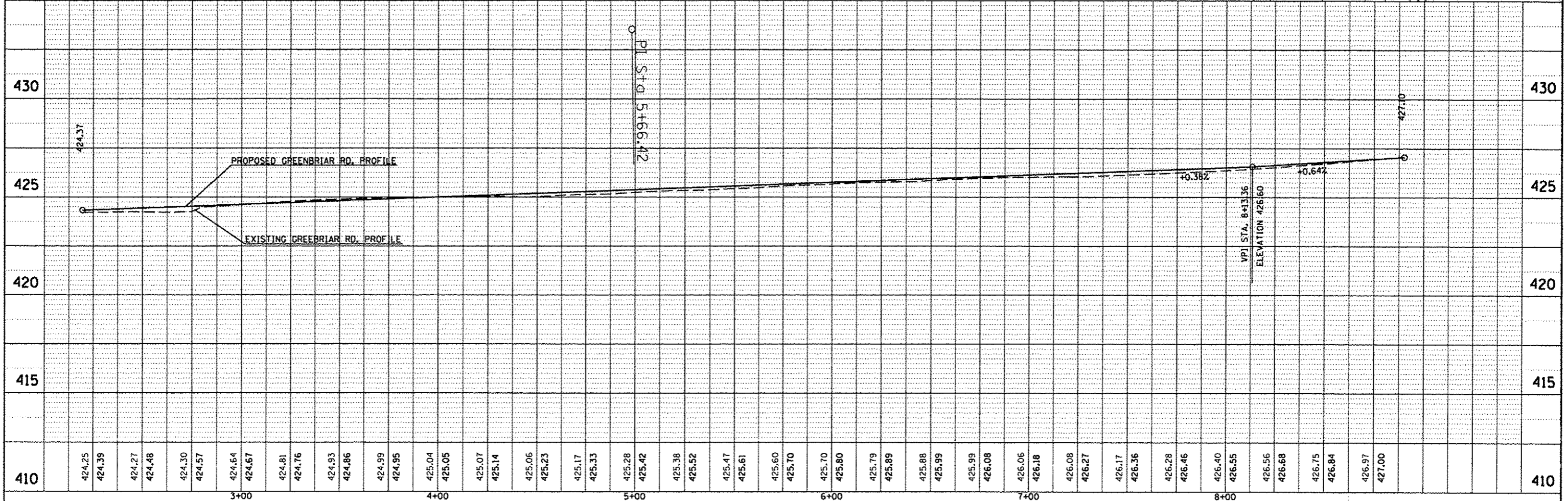
PLAN  
 SURVEYED  
 ALIGNED  
 CHECKED  
 DATE  
 BY  
 NOTE BOOK  
 NO.

PROFILE  
 SURVEYED  
 GRADES  
 CHECKED  
 DATE  
 BY  
 NOTE BOOK  
 NO.

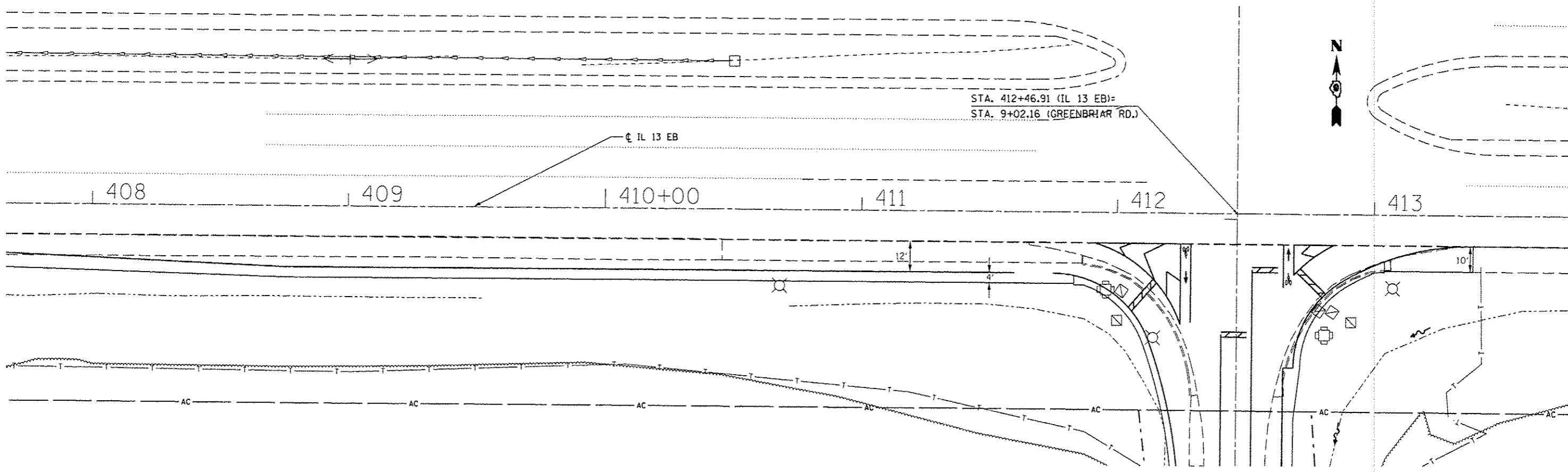
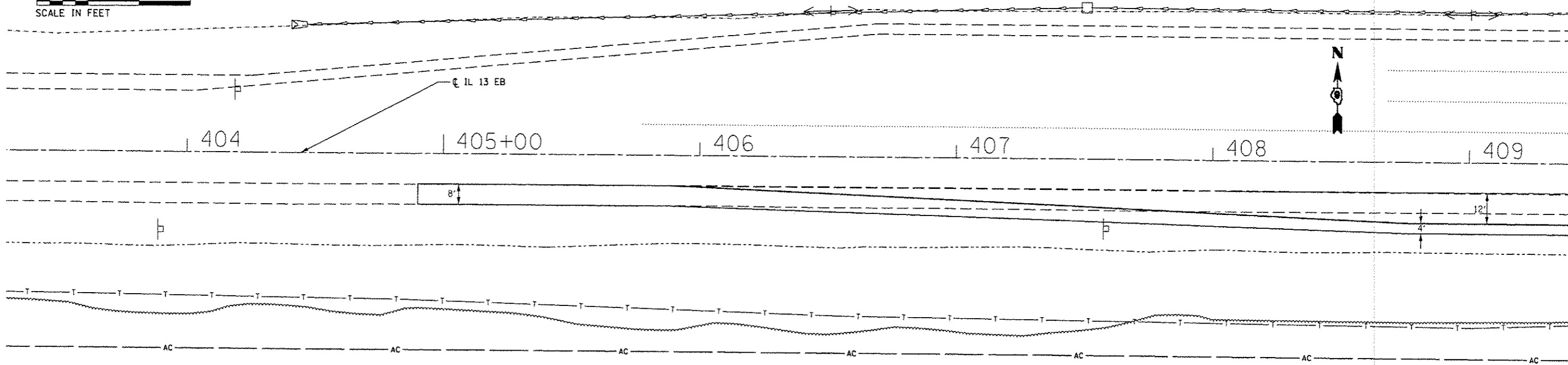


EXIST. CURVE GREEN.S.3  
 PI STA. = 5+66.42  
 $\Delta = 69^\circ 00' 00''$  (LT)  
 $D = 15^\circ 56' 52''$   
 $R = 359.27'$   
 $T = 246.92'$   
 $L = 432.66'$   
 $E = 76.67'$   
 $\theta =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 3+19.50  
 P.T. STA. = 7+52.16

--- PERMIT EASEMENT



FILE NAME =	USER NAME = moesbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	ROADWAY PLAN AND PROFILE		F.A.P. RTE. 331 SECTION (1-4) R-6 COUNTY WILLIAMSON TOTAL SHEETS 120 SHEET NO. 42 CONTRACT NO. 78452 ILLINOIS FED. AID PROJECT
DRAWN	REVIS	CHECKED -	REVISED -		GREENBRIAR ROAD		
PLT SCALE = 60.0000' / in.	DATE -	DATE -	DATE -		SCALE:	SHEET OF SHEETS STA. TO STA.	
PLT DATE = 3/18/2016	DATE -	DATE -	DATE -				



FILE NAME :	USER NAME :	DESIGNED -	REVISED -
p:\1104\BID\INTEG\Illinois.gov\PI00T\Documents\1007\Office\Districts\9\Projects\13.d	maesbl	DRAWN	REVISED
		CHECKED -	REVISED -
		DATE -	REVISED -

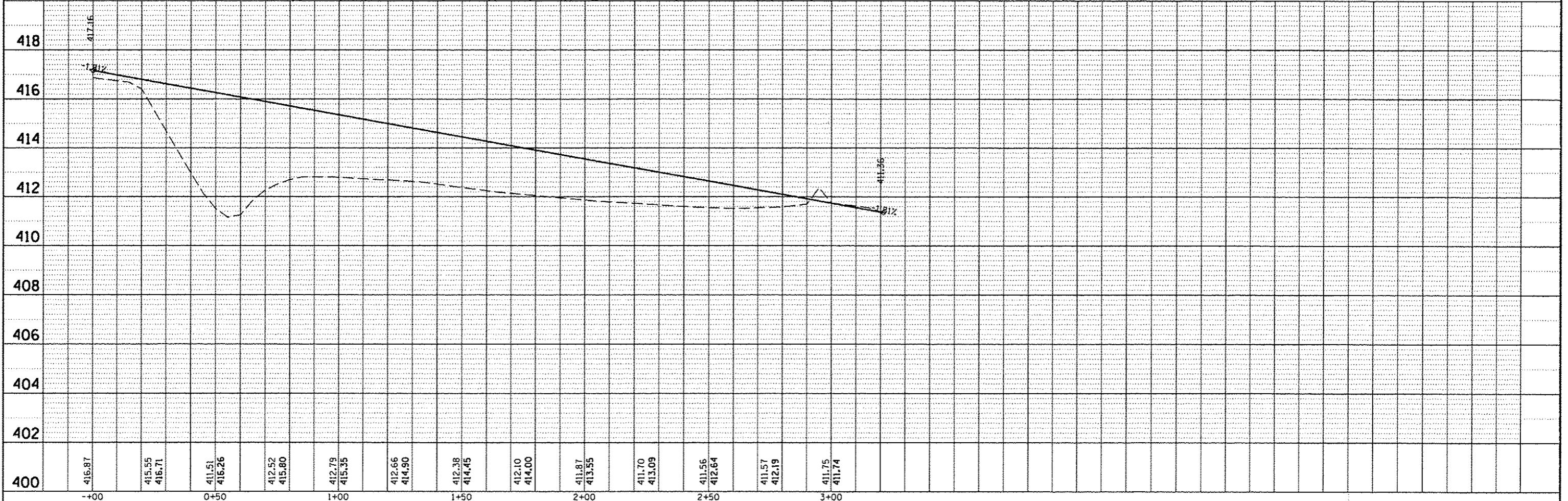
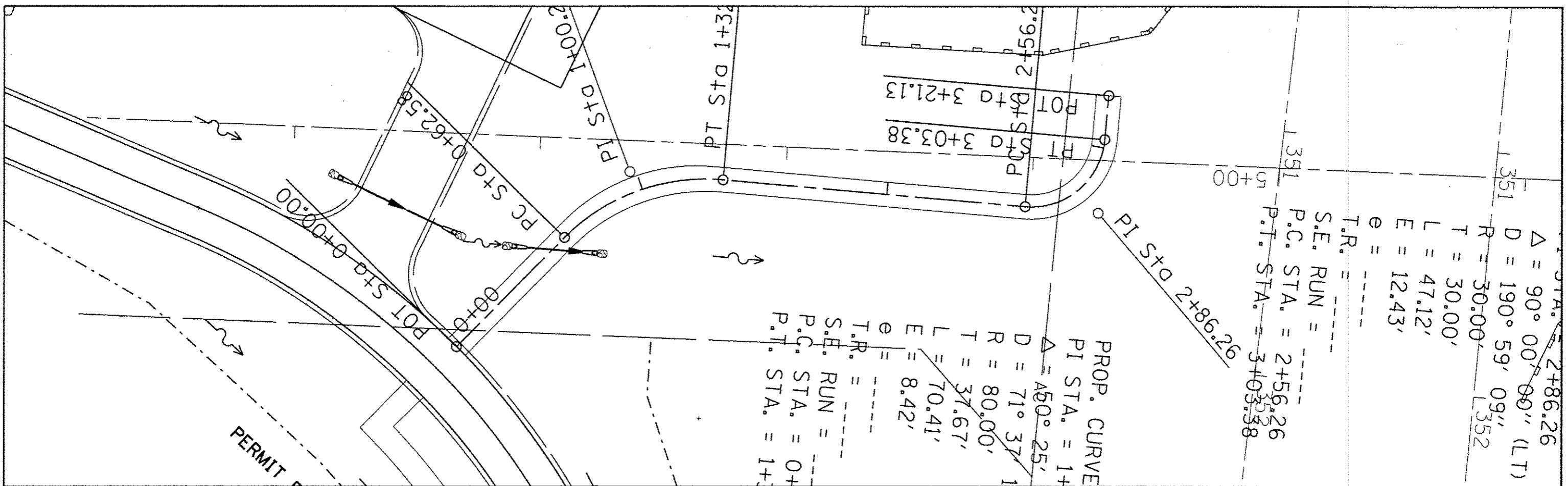
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

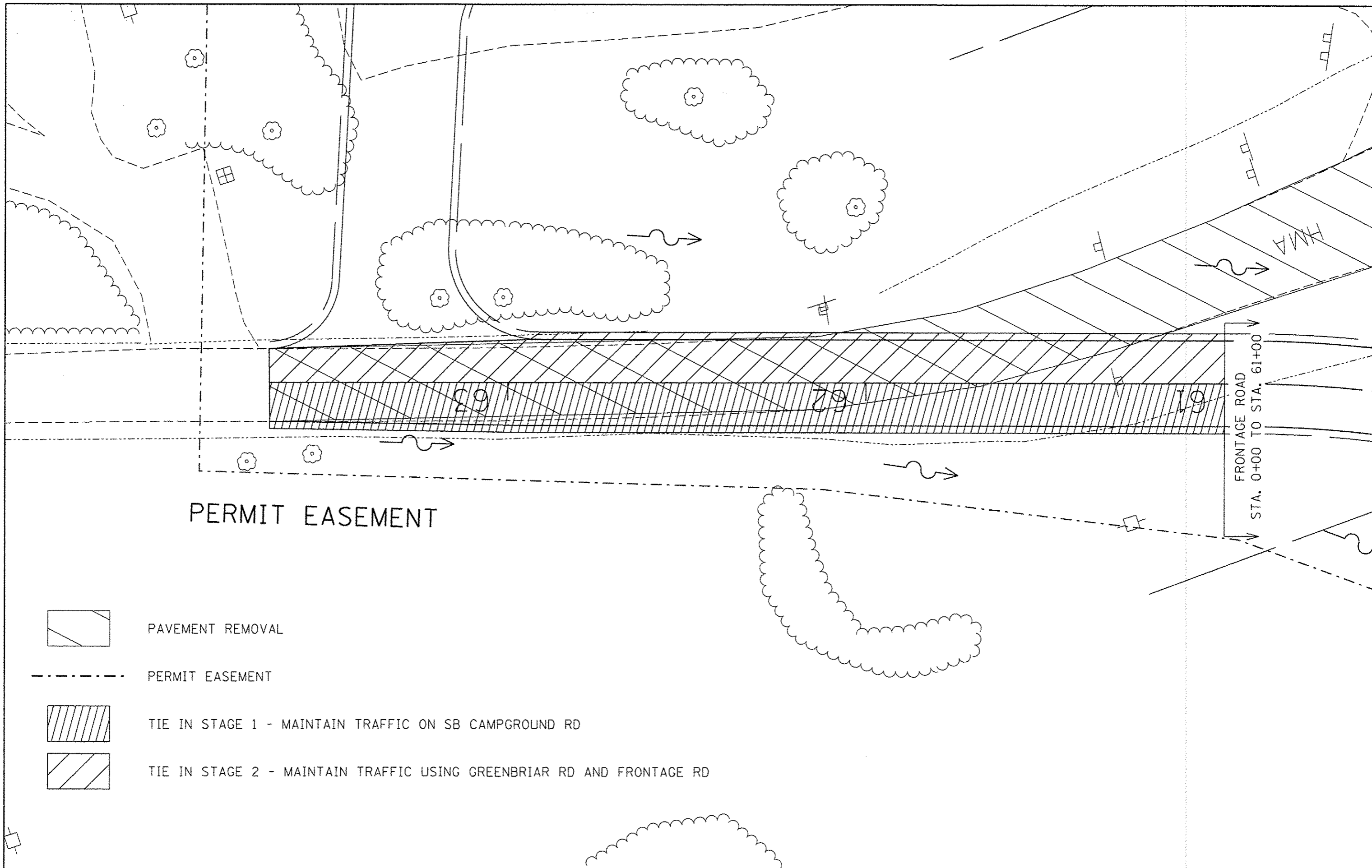
ROADWAY PLAN	
IL 13 EB	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	43
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

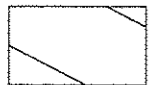


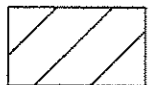
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 NO. \_\_\_\_\_

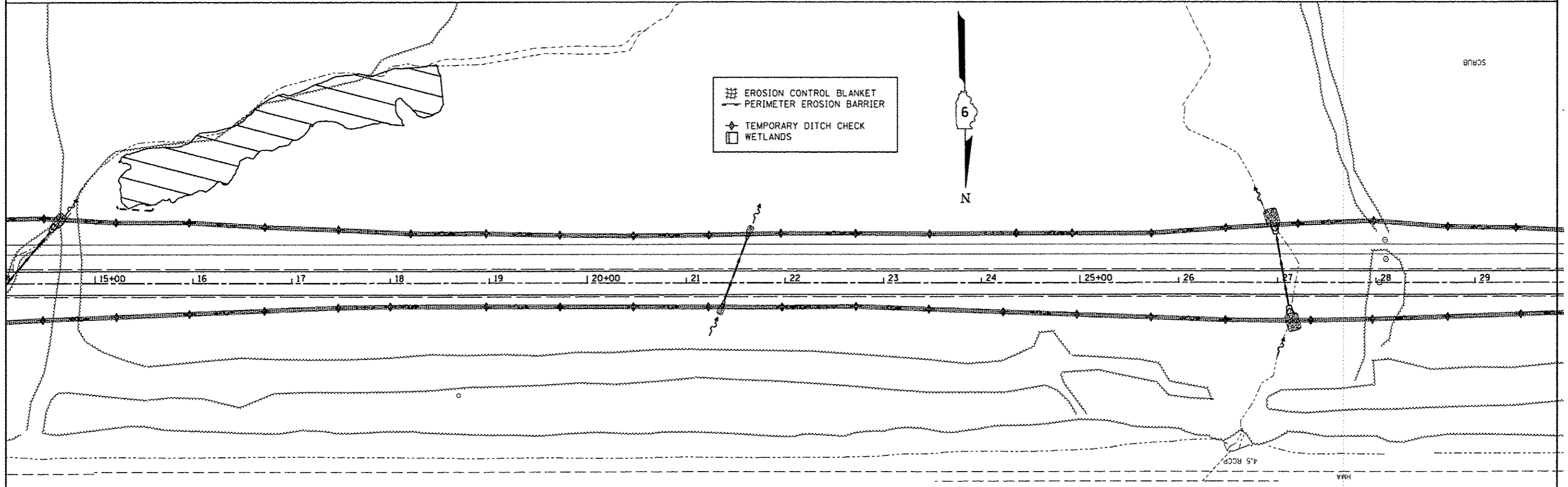
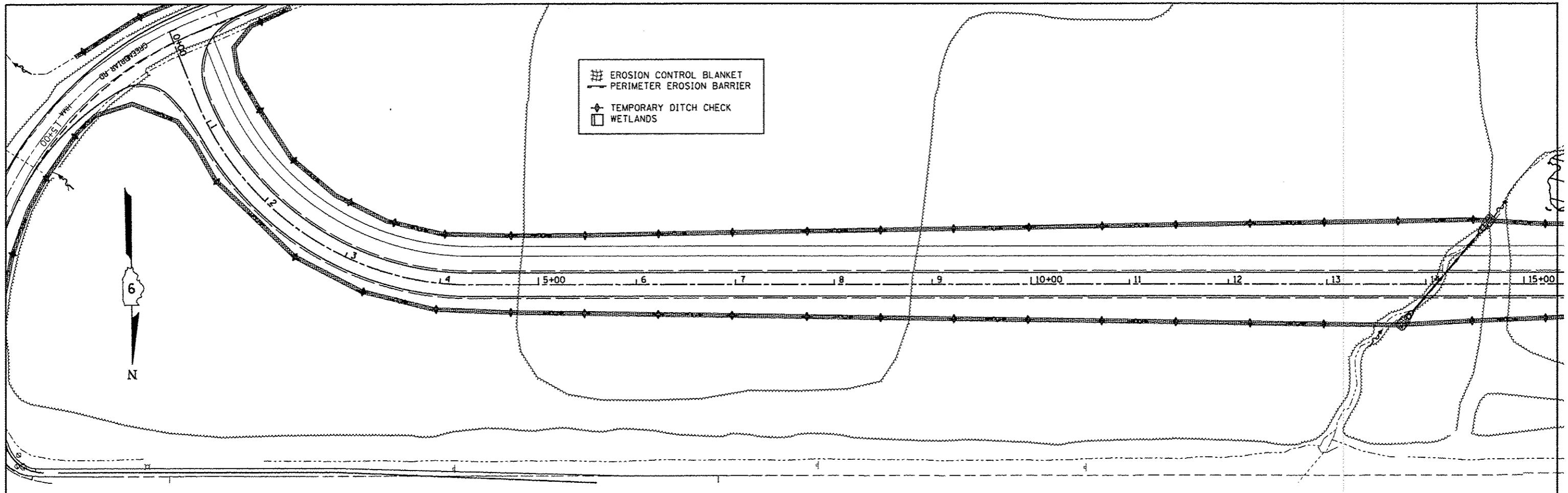




PERMIT EASEMENT

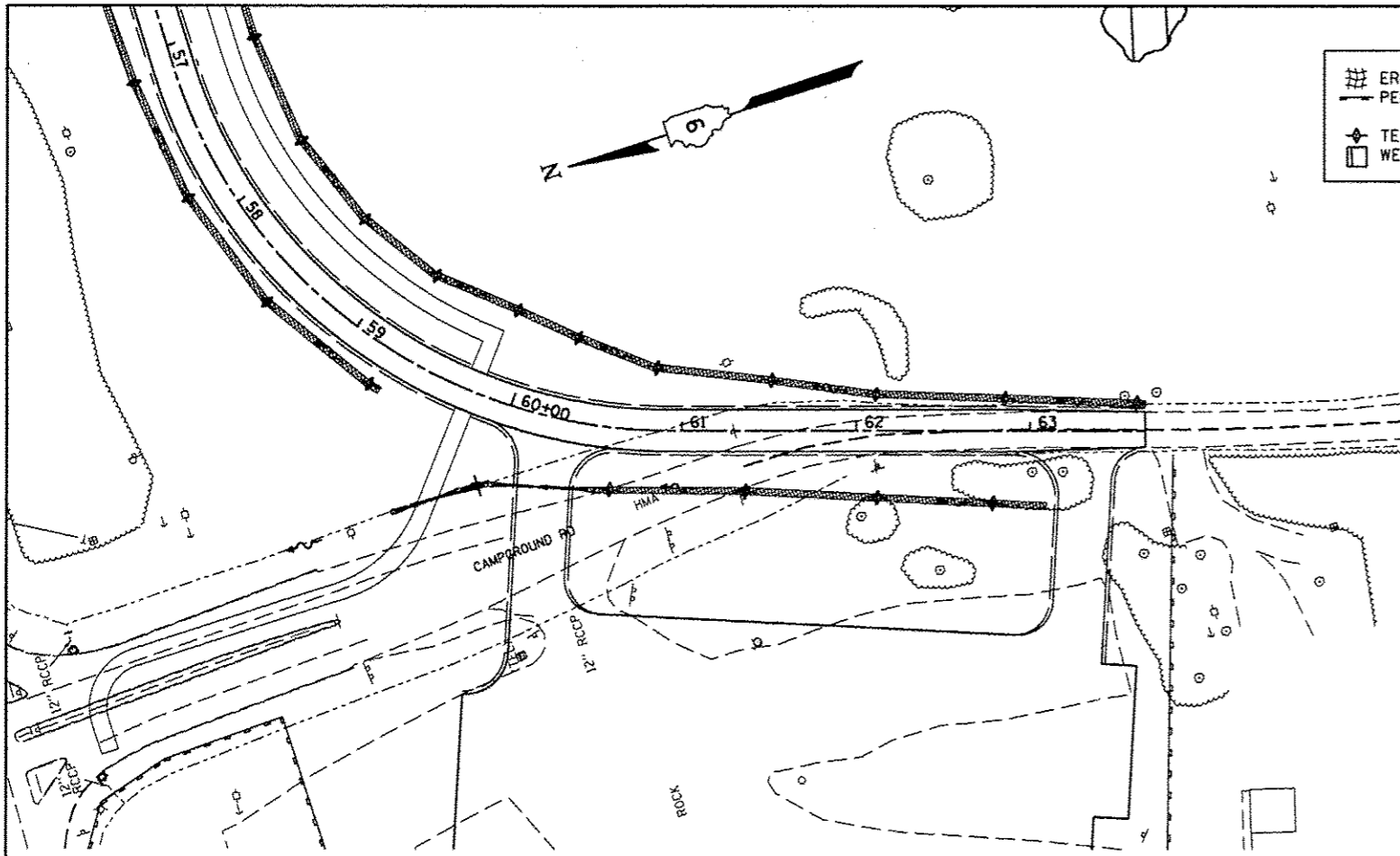
-  PAVEMENT REMOVAL
-  PERMIT EASEMENT
-  TIE IN STAGE 1 - MAINTAIN TRAFFIC ON SB CAMPGROUND RD
-  TIE IN STAGE 2 - MAINTAIN TRAFFIC USING GREENBRIAR RD AND FRONTAGE RD

FILE NAME :	USER NAME : moesbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED TIE IN STAGING</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Dist\proj 9\Projects\13.d	Documents\DOT Offices\Dist\proj 9\Projects\13.d	DRAWN	REVISED		331	(1-4) R-6	WILLIAMSON	120	45				
Default	PLOT SCALE = 24.2914' / in.	CHECKED -	REVISED -						CONTRACT NO. 78452				
	PLOT DATE = 3/18/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



FILE NAME *	USER NAME = maeabi	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN FRONTAGE ROAD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	Documents\DOT Offices\District 9\Projects\13.g... DRAWN: nsa\78452\CADDData\CADsheets\78452\erosion_drainage.usi.dgn	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	331	(1-4) R-6	WILLIAMSON	120	46
	PLOT SCALE = 100.0000 / in.	DATE -	REVISED -											
	PLOT DATE = 3/18/2016		REVISED -											
										CONTRACT NO. 78452				
										[ILLINOIS] FED. AID PROJECT				





	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK WETLANDS
	WETLANDS

THIS SPACE INTENTIONALLY LEFT BLANK

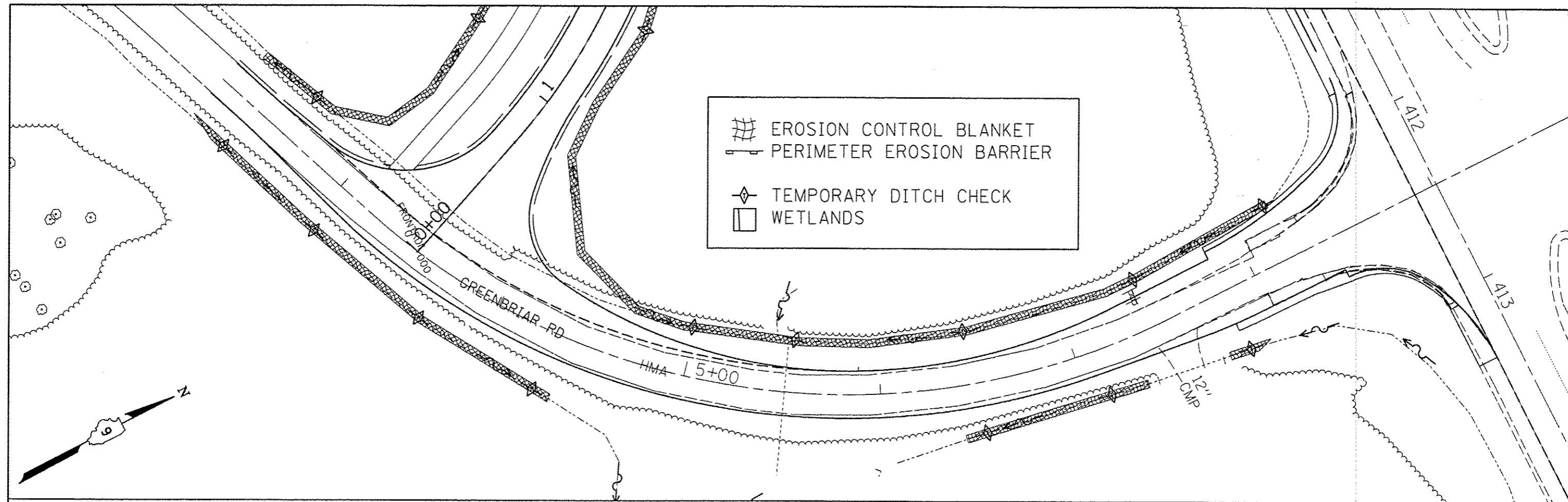
FILE NAME *	USER NAME * masebl	DESIGNED -	REVISED -
per\N\1804EBIDINTEG\Illinois.gov\PI\DOT\Documents\1007\Office\District 9\Projects\13.d	DRAWN\mes\78452\CADData\CADsheets\784	CHECKED -	REVISED -
Default	PLOT DATE * 3/18/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL PLAN</b>	
<b>FRONTAGE ROAD</b>	
SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	48
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				





THIS SPACE INTENTIONALLY LEFT BLANK

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b> <b>GREENBRIAR ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\13...	meeb1	meeb1	meeb1			331	(1-4) R-6	WILLIAMSON	120	49
Default	meeb1	meeb1	meeb1			CONTRACT NO. 78452				
	PLOT SCALE = 50.0000' / 1" =	CHECKED :	REVISED :	SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/18/2016	DATE :	REVISED :							



NW QUADRANT GREENBRIAR & FRONTAGE

STATIONING ALONG GREENBRIAR	OFFSET TO EOP	EDGE OF PAV'T ELEV	STATIONING ALONG FRONTAGE	OFFSET TO EOP	DISTANCE ALONG RADIUS
	FEET			FEET	
LT 5+79.30	12.00	424.79	RT 0+97.29	199.69	0
LT 5+68.95	12.06	424.77	RT 0+83.59	191.78	10
LT 5+58.61	12.22	424.75	RT 0+79.97	183.70	20
LT 5+48.25	12.50	424.73	RT 0+76.43	175.46	30
LT 5+37.90	12.90	424.71	RT 0+72.67	167.06	40
LT 5+27.53	13.40	424.69	RT 0+67.55	158.47	50
LT 5+17.15	14.01	424.67	RT 0+62.78	149.68	60
LT 5+06.76	14.74	424.65	RT 0+58.36	140.71	70
LT 4+96.36	15.57	424.63	RT 0+54.30	131.57	80
LT 4+85.94	16.52	424.61	RT 0+50.62	122.28	90
LT 4+75.50	17.57	424.59	RT 0+47.30	112.84	100
LT 4+65.04	18.74	424.57	RT 0+44.37	103.28	110
LT 4+54.56	20.01	424.55	RT 0+41.82	93.61	120
LT 4+44.05	21.38	424.53	RT 0+39.67	83.85	130
LT 4+33.51	22.87	424.51	RT 0+37.90	74.01	140
LT 4+22.94	24.48	424.49	RT 0+36.55	64.10	150
LT 4+12.69	27.48	424.47	RT 0+36.92	54.13	160
LT 4+03.29	32.51	424.45	RT 0+39.75	44.00	170
LT 3+96.21	39.33	424.43	RT 0+44.86	36.00	180
LT 3+88.93	47.64	424.41	RT 0+51.93	28.97	190
LT 3+84.92	57.01	424.39	RT 0+60.52	23.90	200
LT 3+82.44	66.79	424.37	RT 0+69.81	20.19	210
LT 3+80.42	76.66	424.35	RT 0+78.96	17.01	220
LT 3+78.91	86.59	424.33	RT 0+88.17	14.58	230
LT 3+77.96	96.57	424.31	RT 0+97.60	12.94	240
LT 3+77.76	106.56	424.30	RT 1+07.17	12.11	250
LT 3+77.64	112.04	424.30	RT 1+12.44	12.00	255.48

STA. 5+79.30, 12' LT  
(GREENBRIAR)

STA. 1+12.44, 12' RT  
(FRONTAGE)

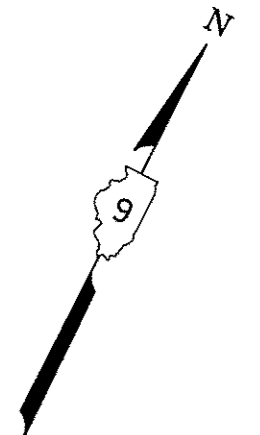
STA. 1+12.44, 12' RT  
(FRONTAGE)

SW QUADRANT GREENBRIAR & FRONTAGE

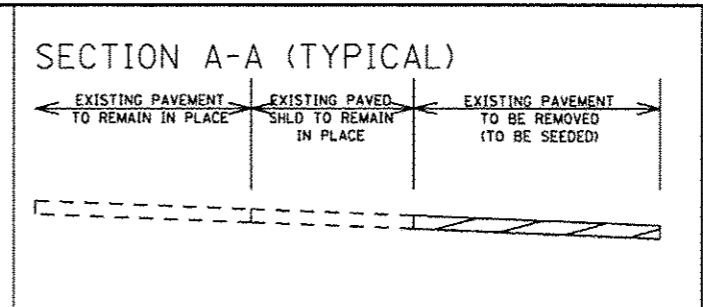
STATIONING ALONG GREENBRIAR	OFFSET TO EOP	EDGE OF PAV'T ELEV	STATIONING ALONG FRONTAGE	OFFSET TO EOP	DISTANCE ALONG RADIUS
	FEET			FEET	
LT 3+42.92	111.53	424.30	LT 1+12.44	12.00	0
LT 3+43.65	101.54	424.30	LT 1+02.02	12.00	10
LT 3+43.87	91.54	424.29	LT 0+91.61	12.00	20
LT 3+43.62	81.54	424.28	LT 0+81.19	12.00	30
LT 3+42.97	71.56	424.27	LT 0+70.88	12.00	40
LT 3+41.21	61.67	424.27	LT 0+60.93	12.86	50
LT 3+37.68	52.14	424.27	LT 0+51.26	15.36	60
LT 3+32.59	43.17	424.27	LT 0+42.14	19.42	70
LT 3+26.19	34.98	424.28	LT 0+33.82	24.95	80
LT 3+18.75	27.70	424.28	LT 0+26.53	31.77	90
LT 3+10.84	21.60	424.27	LT 0+20.47	39.72	100
LT 3+02.03	16.90	424.26	LT 0+15.81	48.56	110
LT 2+92.56	13.72	424.24	LT 0+12.69	58.04	120
LT 2+82.69	12.16	424.22	LT 0+11.18	67.92	130
LT 2+78.28	12.00	424.21	LT 0+11.05	72.33	134.42

STA. 2+78.28,  
12' RT  
(GREENBRIAR)

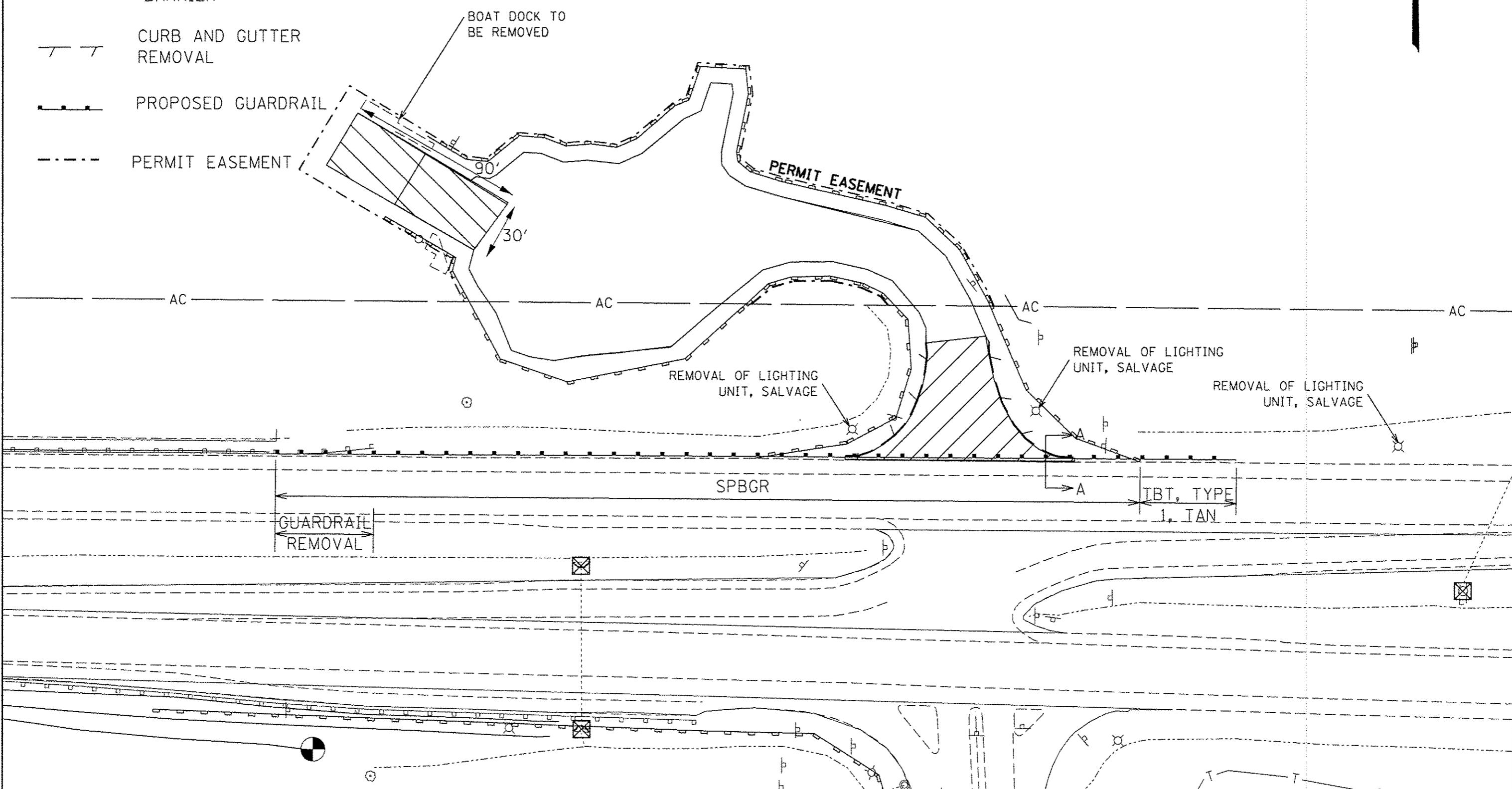
5+00



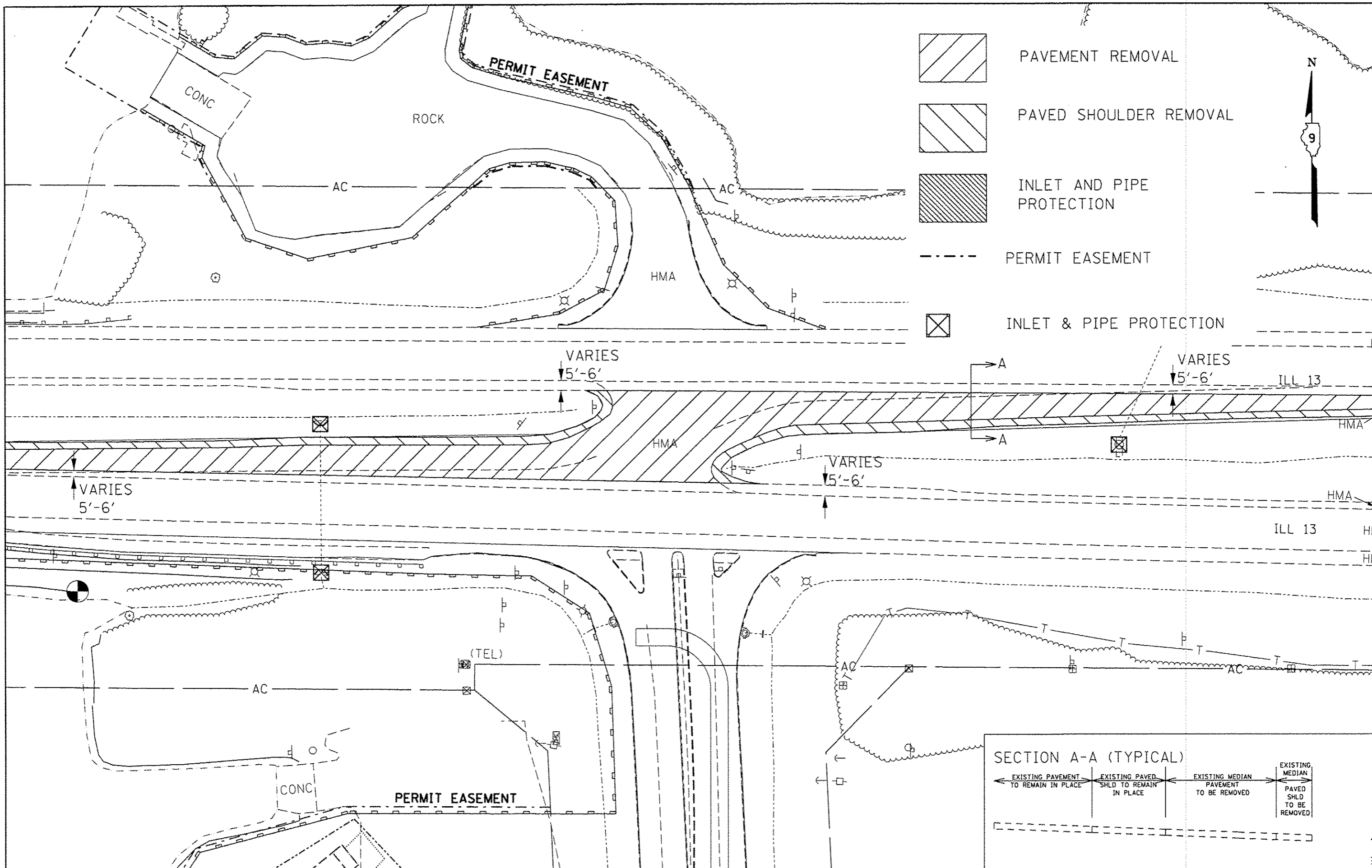




- PAVEMENT REMOVAL
- BOAT RAMP REMOVAL  
\* THE UNDERWATER LIMITS OF THE PRECAST CONCRETE COULD NOT BE VISUALLY OBSERVED OR DETERMINED AND IS APPROXIMATE.
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- CURB AND GUTTER REMOVAL
- PROPOSED GUARDRAIL
- PERMIT EASEMENT



FILE NAME *	USER NAME * moasbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL DETAILS NORTH BOAT LAUNCH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	CHECKED -	REVISED -	331			(1-4) R-6	WILLIAMSON	120	53	
PLOT SCALE * 50.0000' / 1"	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
50. Scale	PLOT DATE * 3/18/2016	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78452



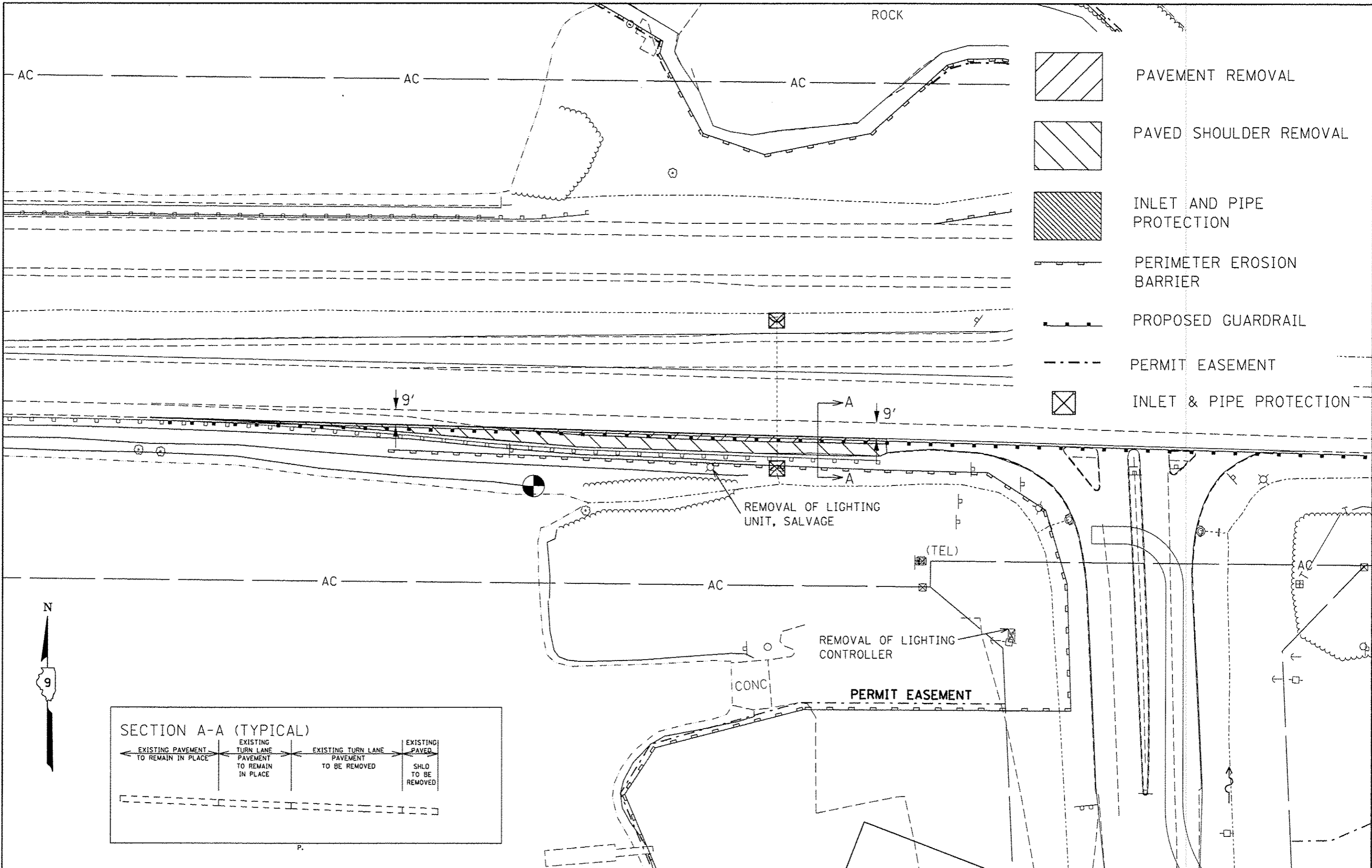
FILE NAME	USER NAME	DESIGNED	REVISED
PROJECT	PROJECT	PROJECT	PROJECT
PLOT SCALE	CHECKED	DATE	REVISED
PLOT DATE	DATE	DATE	DATE

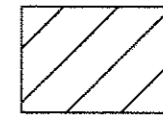
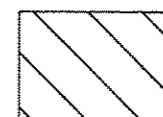




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

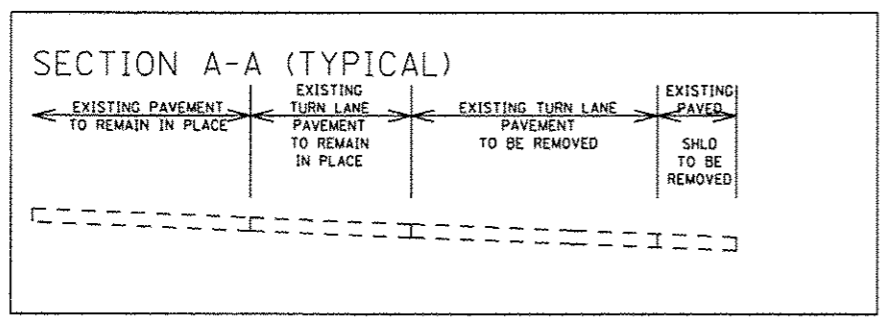
**REMOVAL DETAILS  
ILL 13 EB MEDIAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	54
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				



-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  PROPOSED GUARDRAIL
-  PERMIT EASEMENT
-  INLET & PIPE PROTECTION



FILE NAME	USER NAME = moesbl	DESIGNED -	REVISED -
PROJECT	PROJECT	DRAWN	REVISED
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -	REVISED -
PLOT DATE = 6/17/2016	DATE -	REVISED -	REVISED -

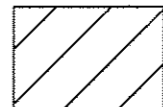
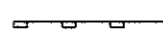
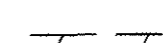
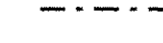

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL DETAILS  
IL 13 EB RIGHT TURN LANE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	55
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				



-  PAVEMENT REMOVAL
-  PERIMETER EROSION BARRIER
-  CURB AND GUTTER REMOVAL
-  PERMIT EASEMENT
-  INLET & PIPE PROTECTION

INLETS TO BE REMOVED, SPECIAL

PIPE CULVERT REMOVAL

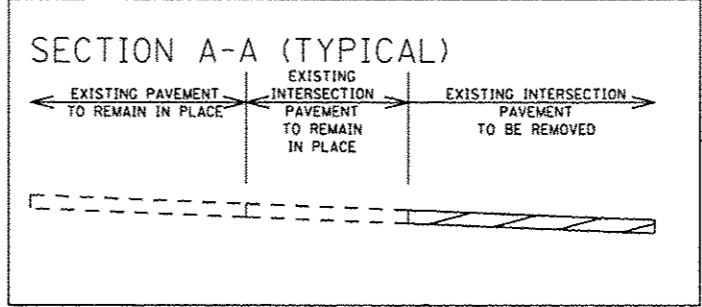
REMOVAL OF LIGHTING UNIT, SALVAGE

REMOVAL OF LIGHTING UNIT, SALVAGE

MEDIAN REMOVAL

REMOVAL OF LIGHTING UNIT, SALVAGE

ISLAND REMOVAL



FILE NAME	USER NAME	DESIGNED	REVISED
PROJECT	PROJECT	PROJECT	PROJECT
PLOT SCALE	CHECKED	DATE	REVISED
PLOT DATE			

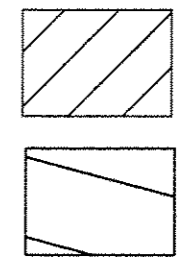
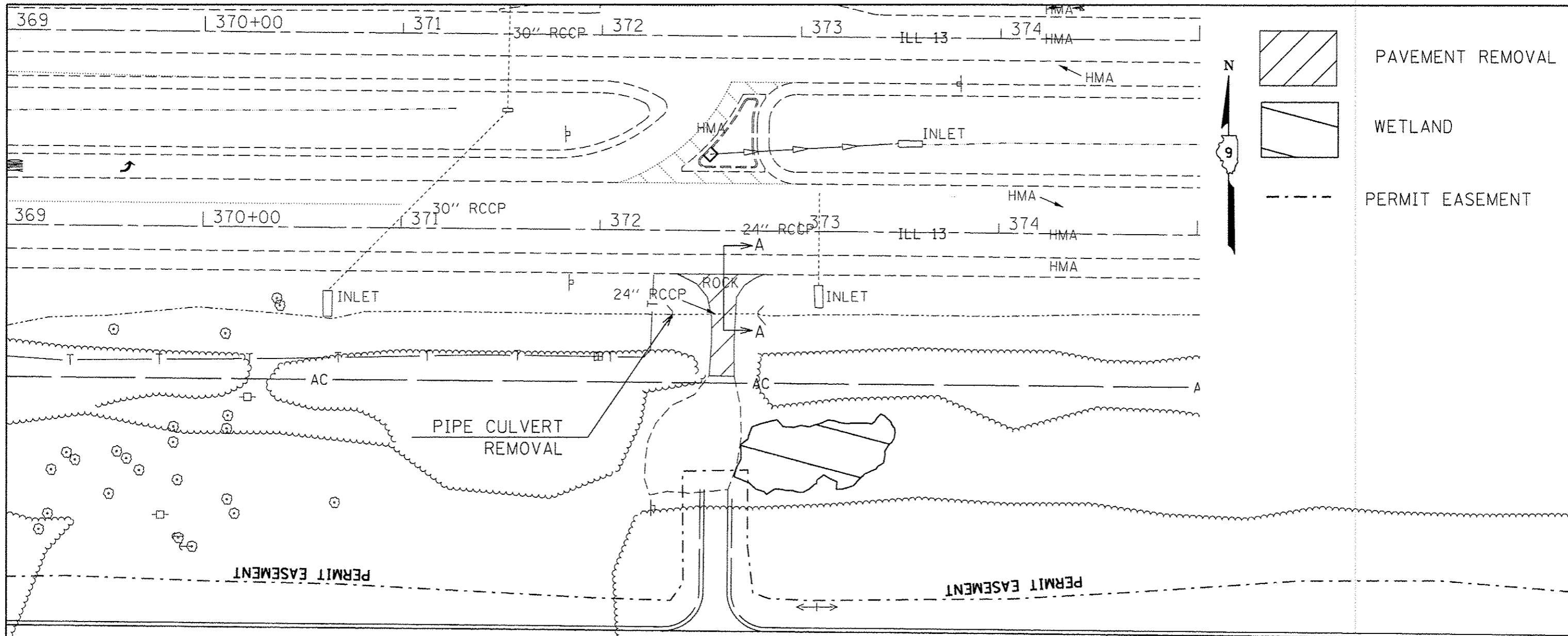
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS  
CAMPGROUND ROAD

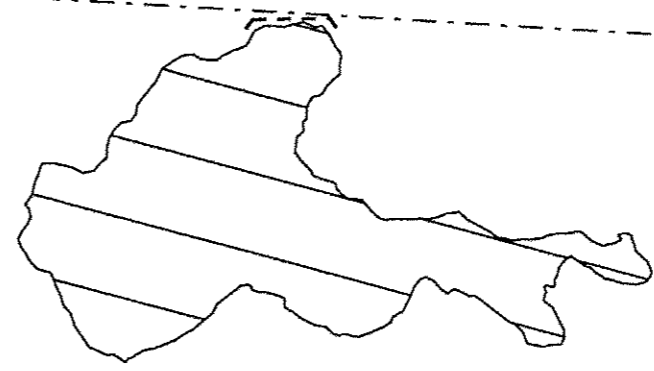
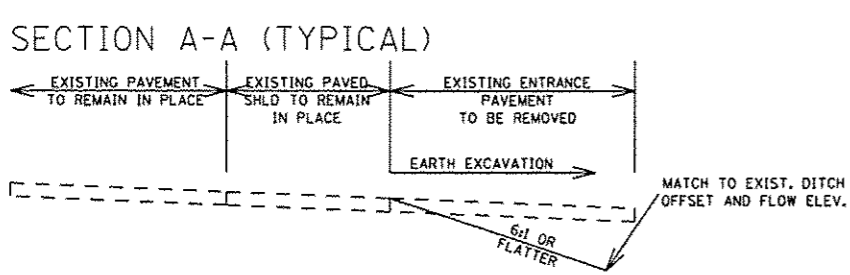
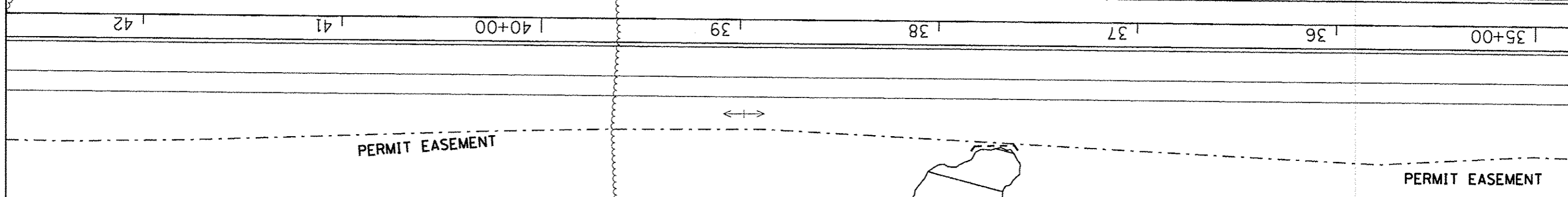
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	56
CONTRACT NO. 78452			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.

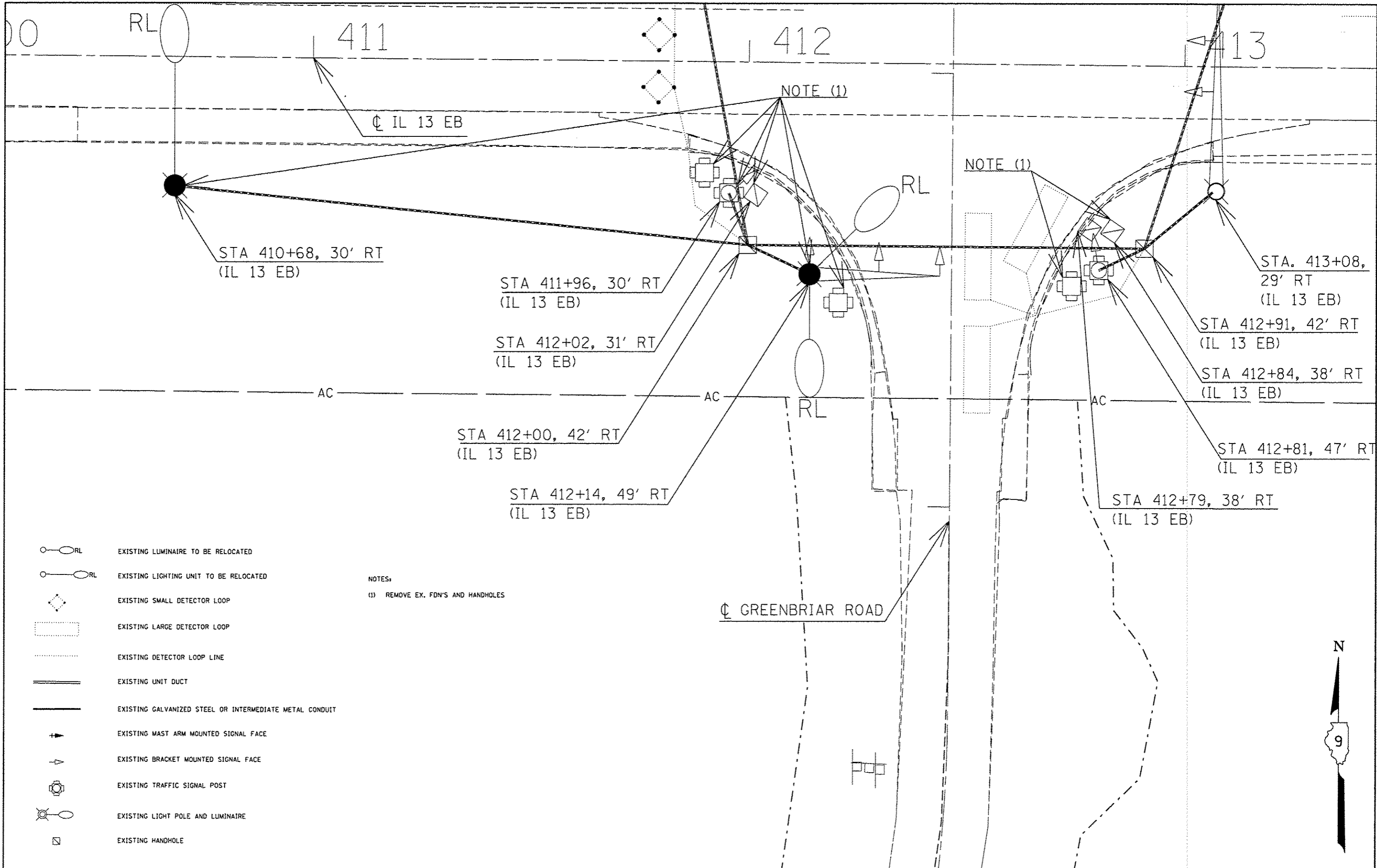




PAVEMENT REMOVAL  
 WETLAND  
 PERMIT EASEMENT



FILE NAME: p:\11884EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Office\District 9\Projects\13.d	USER NAME: maeB1	DESIGNED: [Signature]	REVISED: [Signature]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAILS WATER LINE ENTRANCE	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
58_Scale	PLOT SCALE = 58.0000' / in.	CHECKED: [Signature]	REVISED: [Signature]			331	(1-4) R-6	WILLIAMSON	120	57
	PLOT DATE = 3/18/2016	DATE:	REVISED: [Signature]			CONTRACT NO. 78452		ILLINOIS FED. AID PROJECT		



NOTES:  
 (1) REMOVE EX. FDN'S AND HANDHOLES

- EXISTING LUMINAIRE TO BE RELOCATED
- EXISTING LIGHTING UNIT TO BE RELOCATED
- EXISTING SMALL DETECTOR LOOP
- EXISTING LARGE DETECTOR LOOP
- EXISTING DETECTOR LOOP LINE
- EXISTING UNIT DUCT
- EXISTING GALVANIZED STEEL OR INTERMEDIATE METAL CONDUIT
- EXISTING MAST ARM MOUNTED SIGNAL FACE
- EXISTING BRACKET MOUNTED SIGNAL FACE
- EXISTING TRAFFIC SIGNAL POST
- EXISTING LIGHT POLE AND LUMINAIRE
- EXISTING HANDHOLE

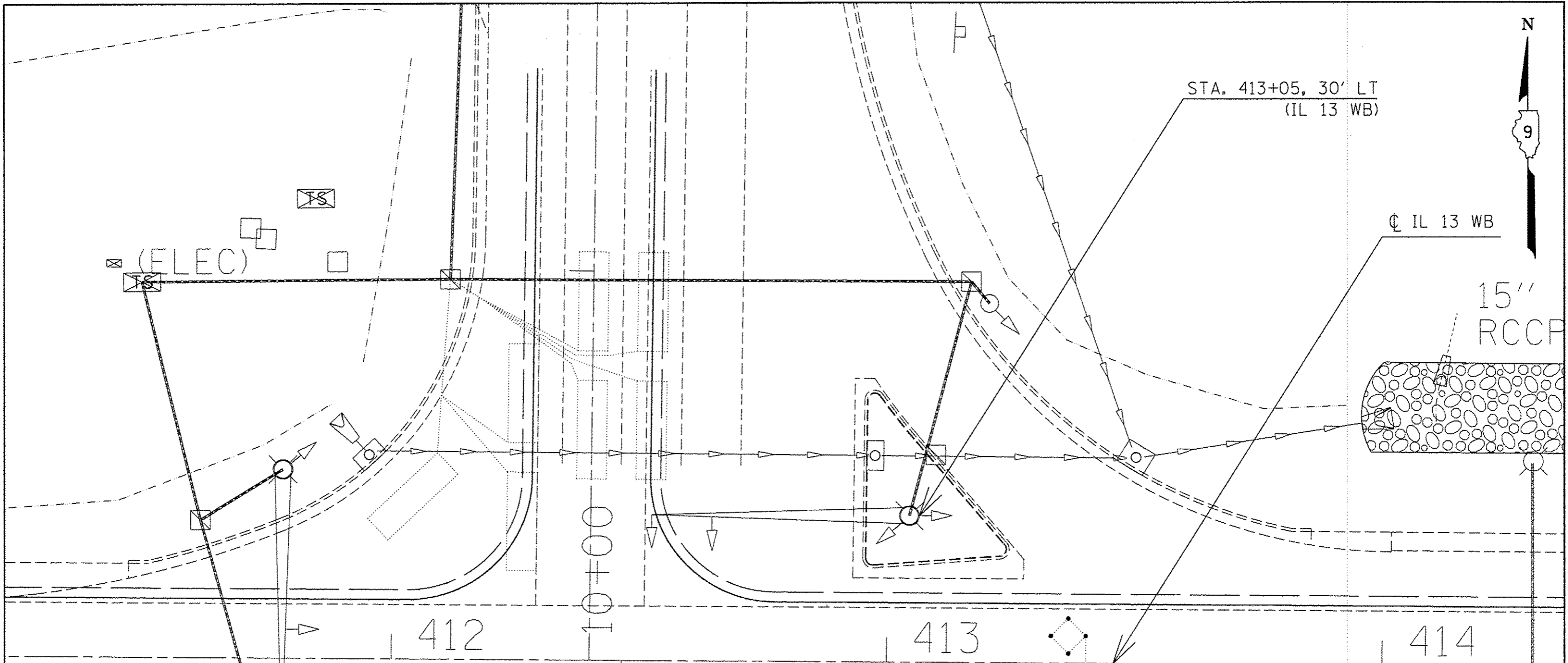
FILE NAME =	USER NAME = meesbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNALS AND LIGHTING          IL 13 / GREENBRIAR - SOUTH QUADRANTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN: [unclear] 78492\CAD\date\CAD\sheet\78492adv\details.dgn						331	(1-4) R-6	WILLIAMSON	120	58
PLOT SCALE = 20.0000' / 1" / DATE = 5/17/2016						SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		




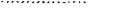









STA. 413+05, 30' LT  
(IL 13 WB)

IL 13 WB

15"  
RCCP



-  EXISTING LIGHTING CONTROLLER
-  EXISTING SMALL DETECTOR LOOP
-  EXISTING LARGE DETECTOR LOOP
-  EXISTING DETECTOR LOOP LINE
-  EXISTING UNIT DUCT
-  EXISTING GALVANIZED STEEL OR INTERMEDIATE METAL CONDUIT
-  EXISTING MAST ARM MOUNTED SIGNAL FACE
-  EXISTING BRACKET MOUNTED SIGNAL FACE
-  EXISTING TRAFFIC SIGNAL POST
-  EXISTING LIGHT POLE AND LUMINAIRE
-  EXISTING HANDHOLE

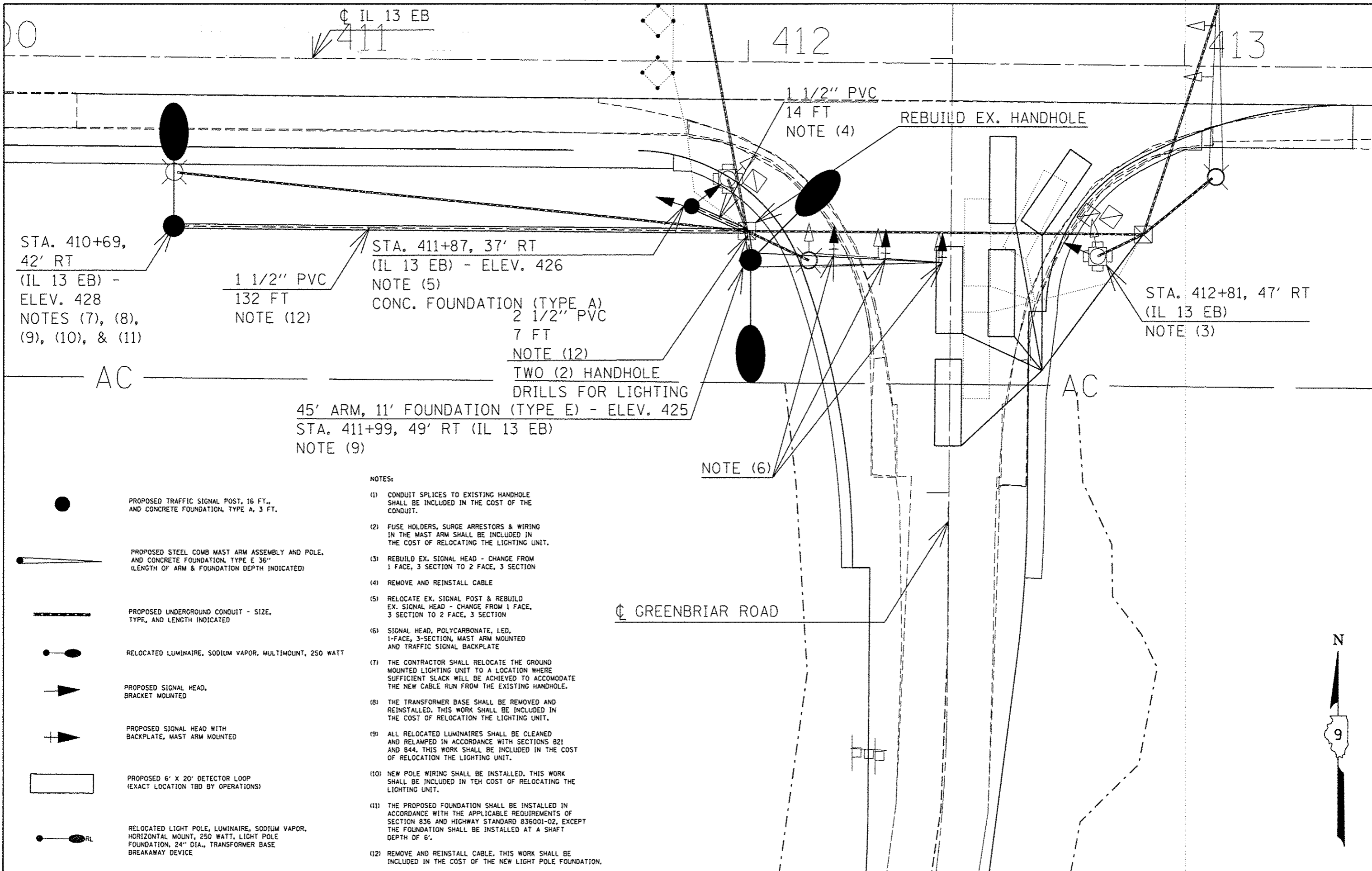
FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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		CHECKED :	REVISED :
		DATE :	REVISED :
28.Scale	PLOT DATE = 5/17/2016		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNALS AND LIGHTING  
IL 13 /GREENBRIAR - NORTH QUADRANTS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	59
CONTRACT NO. 78452			ILLINOIS FED. AID PROJECT	



- NOTES:**
- (1) CONDUIT SPLICES TO EXISTING HANDHOLE SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
  - (2) FUSE HOLDERS, SURGE ARRESTORS & WIRING IN THE MAST ARM SHALL BE INCLUDED IN THE COST OF RELOCATING THE LIGHTING UNIT.
  - (3) REBUILD EX. SIGNAL HEAD - CHANGE FROM 1 FACE, 3 SECTION TO 2 FACE, 3 SECTION
  - (4) REMOVE AND REINSTALL CABLE
  - (5) RELOCATE EX. SIGNAL POST & REBUILD EX. SIGNAL HEAD - CHANGE FROM 1 FACE, 3 SECTION TO 2 FACE, 3 SECTION
  - (6) SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED AND TRAFFIC SIGNAL BACKPLATE
  - (7) THE CONTRACTOR SHALL RELOCATE THE GROUND MOUNTED LIGHTING UNIT TO A LOCATION WHERE SUFFICIENT SLACK WILL BE ACHIEVED TO ACCOMMODATE THE NEW CABLE RUN FROM THE EXISTING HANDHOLE.
  - (8) THE TRANSFORMER BASE SHALL BE REMOVED AND REINSTALLED. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATION THE LIGHTING UNIT.
  - (9) ALL RELOCATED LUMINAIRES SHALL BE CLEANED AND RELAMPED IN ACCORDANCE WITH SECTIONS 821 AND 844. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATION THE LIGHTING UNIT.
  - (10) NEW POLE WIRING SHALL BE INSTALLED. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATING THE LIGHTING UNIT.
  - (11) THE PROPOSED FOUNDATION SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SECTION 836 AND HIGHWAY STANDARD 836001-02, EXCEPT THE FOUNDATION SHALL BE INSTALLED AT A SHAFT DEPTH OF 6'.
  - (12) REMOVE AND REINSTALL CABLE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE NEW LIGHT POLE FOUNDATION.

FILE NAME =	USER NAME = moesbl	DESIGNED -	REVISED -
PROJECT =	PROJECT =	CHECKED -	REVISED -
PLOT SCALE = 28,0000' / in.	PLOT DATE = 5/17/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS AND LIGHTING  
IL 13 / GREENBRIAR - SOUTH QUADRANTS**

F.A.P. RTE. = 331	SECTION = (1-4) R-6	COUNTY = WILLIAMSON	TOTAL SHEETS = 120	SHEET NO. = 60
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				





STA. 413+05, 30' LT  
(IL 13 WB)

CL IL 13 WB

15"  
RCCP

MODIFY EX.  
CONT. CABINET

NOTE (2)

(ELEC)

NOTE (3)

NOTE (1)

PROPOSED TRAFFIC SIGNAL POST, 16 FT.,  
AND CONCRETE FOUNDATION, TYPE A, 3 FT.

PROPOSED STEEL COMB MAST ARM ASSEMBLY AND POLE,  
AND CONCRETE FOUNDATION, TYPE E 36"  
(LENGTH OF ARM & FOUNDATION DEPTH INDICATED)

PROPOSED UNDERGROUND CONDUIT - SIZE,  
TYPE, AND LENGTH INDICATED

PROPOSED SIGNAL HEAD,  
BRACKET MOUNTED

PROPOSED SIGNAL HEAD WITH  
BACKPLATE, MAST ARM MOUNTED

PROPOSED 6' X 20' DETECTOR LOOP  
(EXACT LOCATION TBD BY OPERATIONS)

EXISTING HANDHOLE

EXISTING LIGHTING CONTROLLER

NOTES:

- (1) LED RETROFIT - CHANGE CIRCULAR R.Y.G. LED'S TO R. ARROW, Y. ARROW, G. ARROW
- (2) REBUILD EX. SIGNAL HEAD - CHANGE FROM 2 FACE, 3 SECTION TO 3 FACE, 3 SECTION
- (3) SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED AND TRAFFIC SIGNAL BACKPLATE

412

413

414

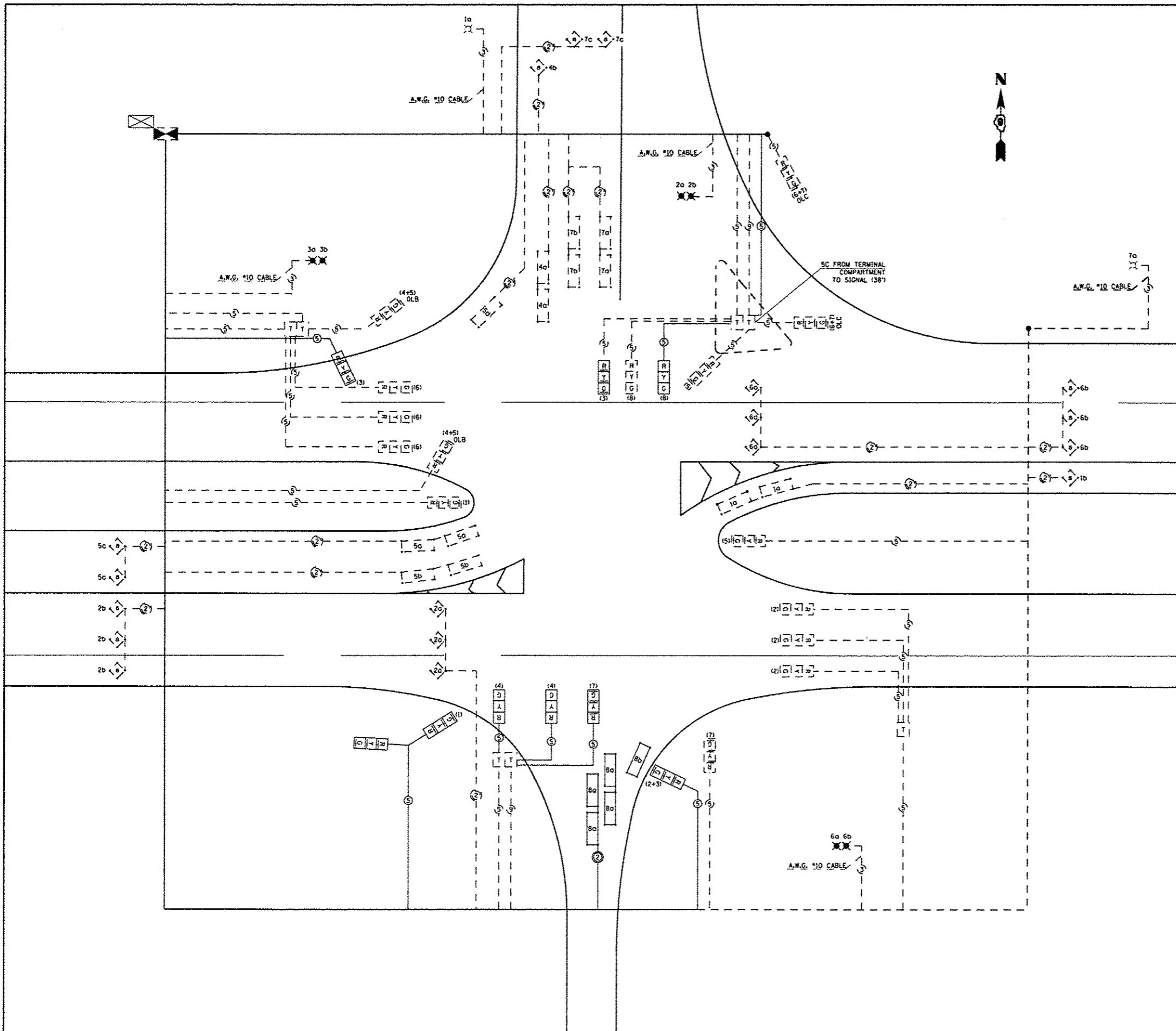
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS AND LIGHTING  
IL 13 / GREENBRIAR - NORTH QUADRANTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	61
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

FILE NAME *	USER NAME * maaabl	DESIGNED -	REVISED -
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2D_Scale	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -
	PLOT DATE = 5/17/2018		

SCALE: SHEET OF SHEETS STA. TO STA.



**NOTES**

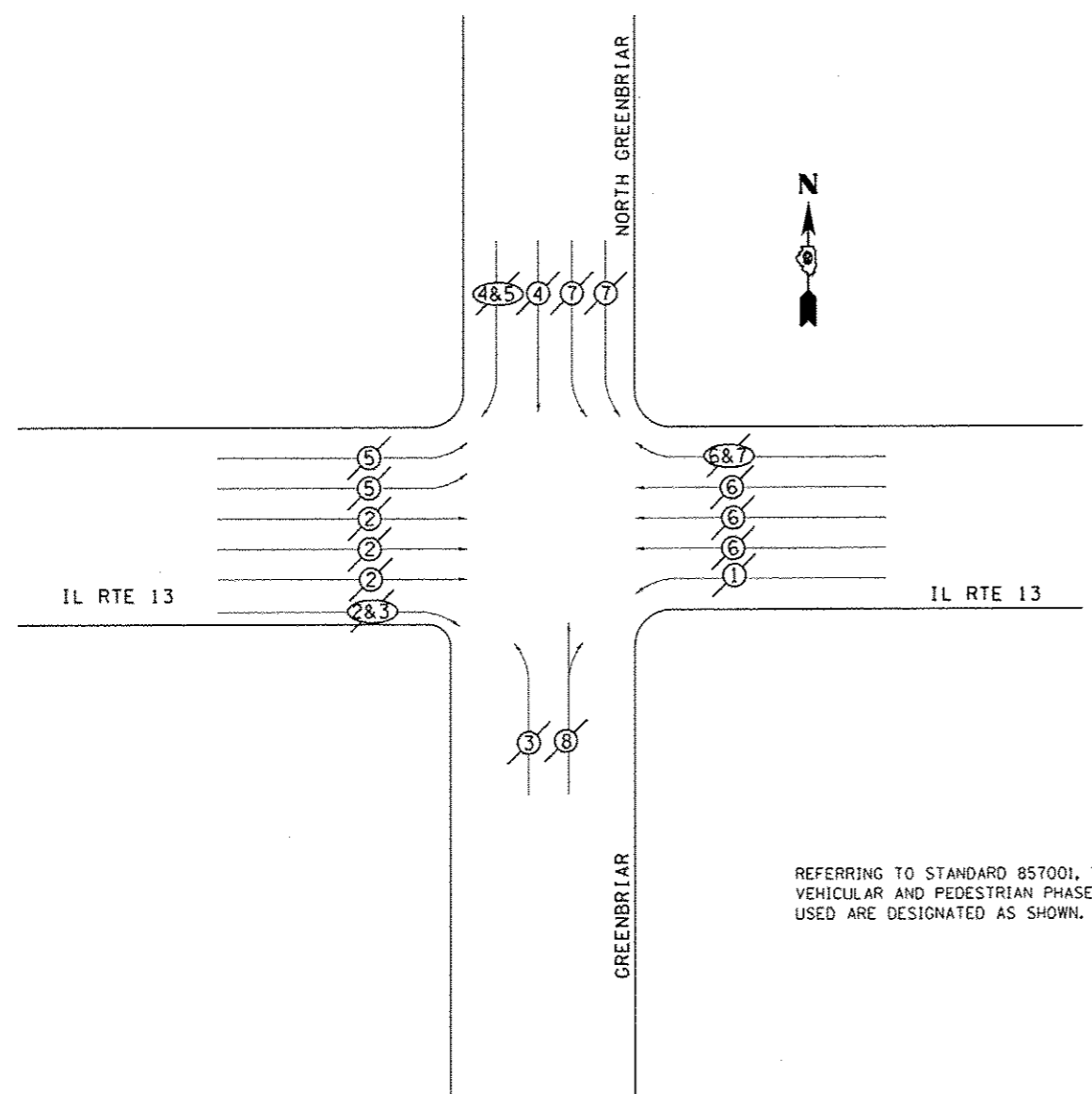
1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY EGYPTIAN ELECTRIC CO-OP.
3. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPliced IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
4. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
5. ALL SIGNAL LENSES SHALL BE 12 INCHES.

**LEGEND**

- TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- EXISTING LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
- INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- NUMBER IN PARENTHESIS INDICATES PHASE
- 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6' x 20' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 5' x 5' LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- EXISTING LIGHT POLE AND LUMINAIRE TO BE INCORPORATED INTO NEW LIGHTING

FILE NAME :	USER NAME : meesbl	DESIGNED :	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL CABLE DIAGRAM IL 13 / GREENBRIAR RD.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<small>Documents\DOT Offices\District 9\Projects\13.0\DRAWING\78452\CADData\CADsheets\78452\78452.dwg</small>						331	(1-4) R-6	WILLIAMSON	120	62
<small>2P_Scale</small>						SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78452 ILLINOIS FED. AID PROJECT		

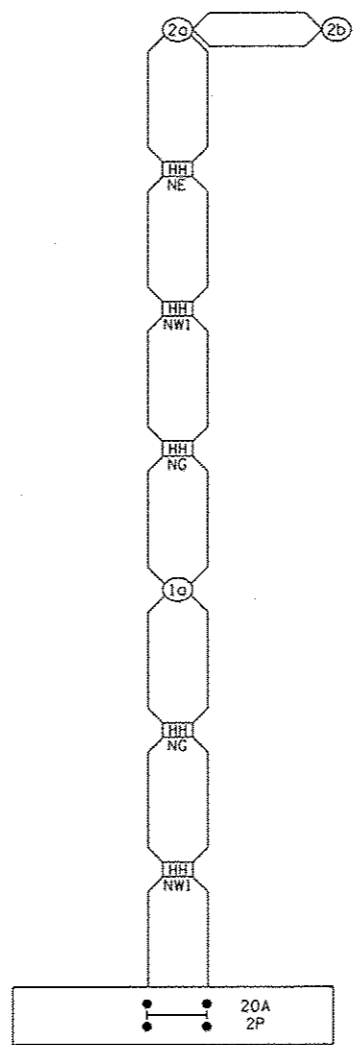
**PHASE DESIGNATION DIAGRAM  
IL RTE 13 WITH GREENBRIAR RD**



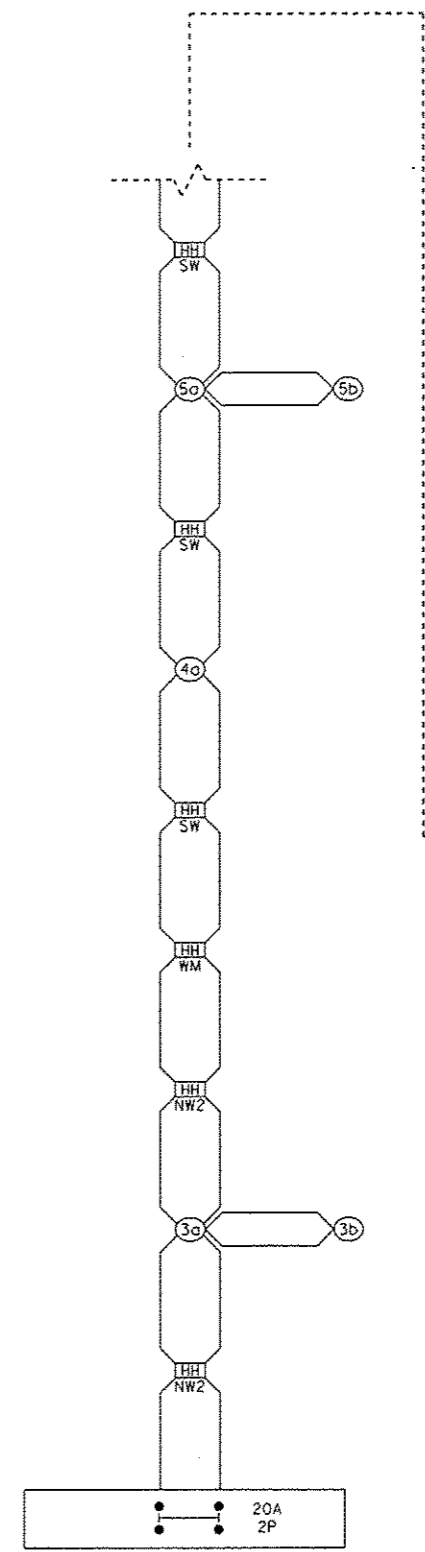
**LEGEND**

● VEHICULAR MOVEMENT  
 ● PEDESTRIAN MOVEMENT

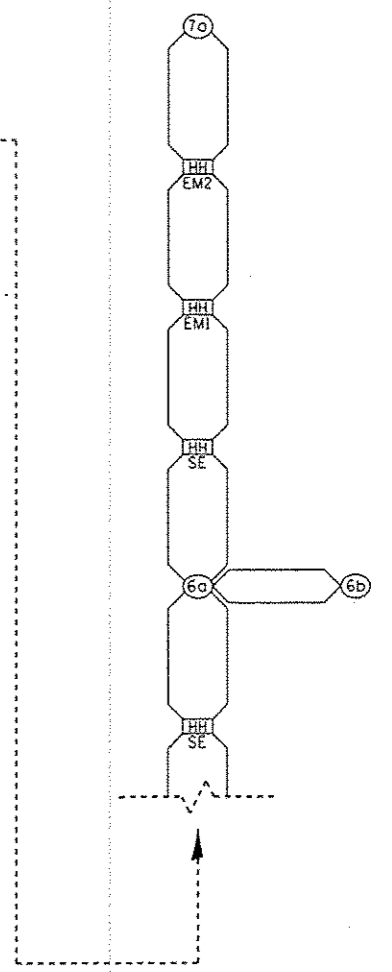
• NUMBER REFERS TO ASSOCIATED PHASE



NW1 NORTHWEST CORNER  
STA 412+11.43 77'LT  
 NE NORTHEAST CORNER  
STA 413+16.52 77'LT  
 NG NORTH GREENBRIAR  
STA 2+05.17 26'LT

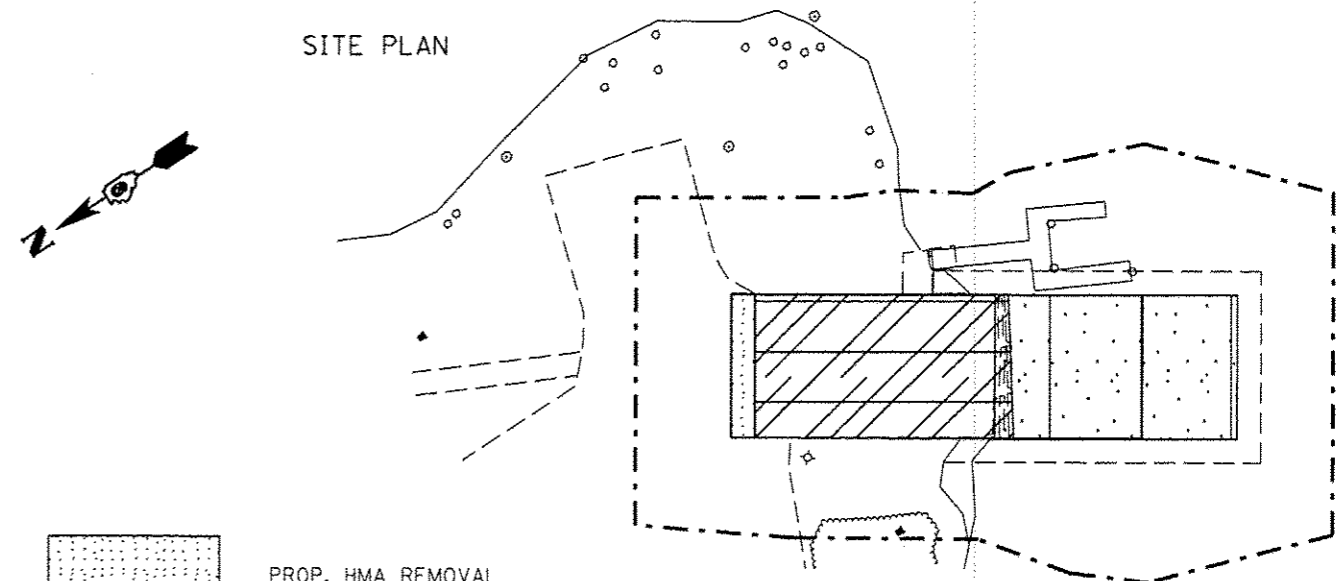
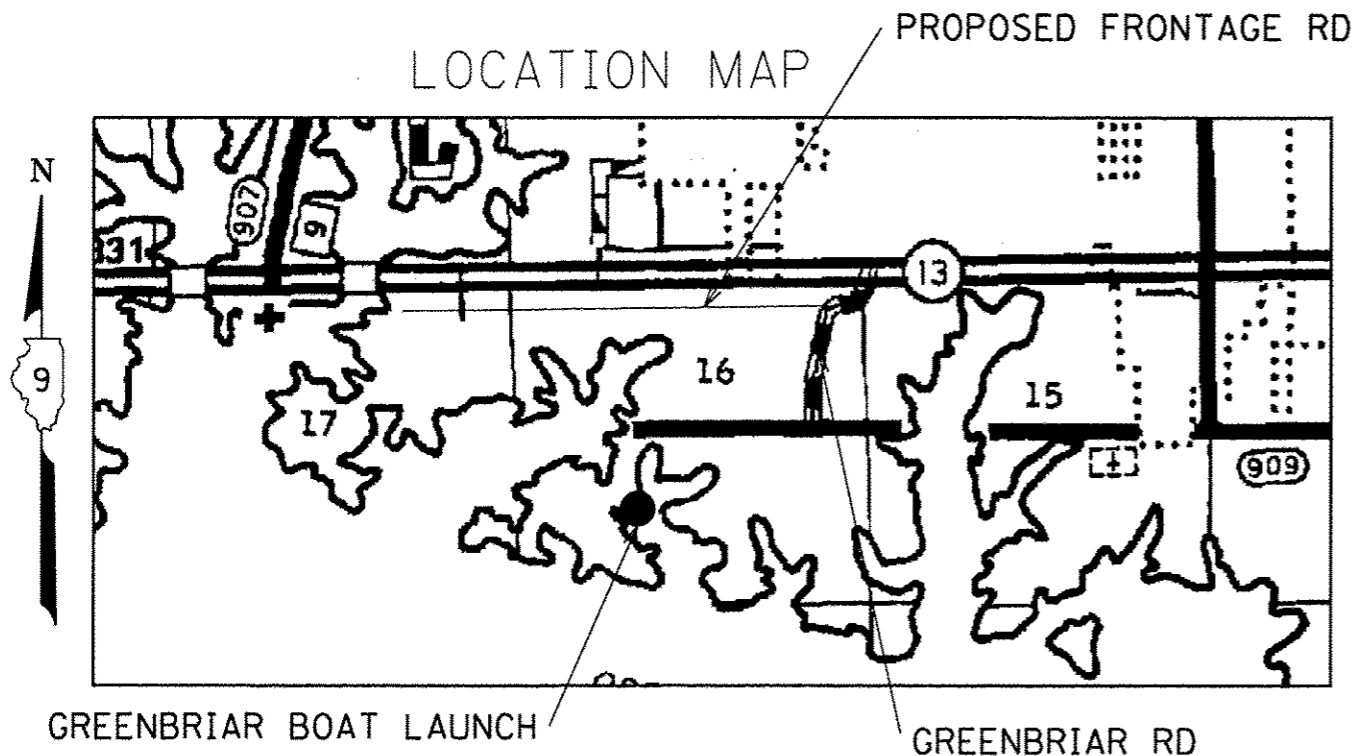


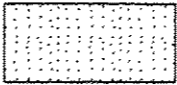


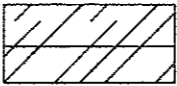

EXISTING CONTROL INSTALLATION  
 LIGHTING CONTROLLER, PEDESTAL MOUNTED  
 60 AMP - 240 VOLT



NW2 NORTHWEST CORNER  
STA 411+61.12 28'LT  
 WM WEST MEDIAN  
STA 411+80.66 40'RT  
 SW SOUTHWEST CORNER  
STA 411+99.59 37'RT  
 SE SOUTHEAST CORNER  
STA 412+91.91 41'RT  
 EM1 EAST MEDIAN  
STA 413+19.52 48'RT  
 EM2 EAST MEDIAN  
STA 414+30.70 42'RT

FILE NAME : p:\11084EBIDINTEG\11\inois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\13...	USER NAME : moasbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PHASE DESIGNATION DIAGRAM &amp; LIGHTING WIRING IL 13 /GREENBRIAR RD.</b>			F.A.P. RTE. 331	SECTION (1-4) R-6	COUNTY WILLIAMSON	TOTAL SHEETS 120	SHEET NO. 63
		DRAWN -	REVISED -					CONTRACT NO. 78452				
		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
20 Scale	PLOT DATE = 3/18/2016	DATE -	REVISED -					SCALE: SHEET OF SHEETS STA. TO STA.				



-  PROP. HMA REMOVAL
-  PERMIT EASEMENT
-  PROP. REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
-  PROP. PCC REMOVAL
-  COFFERDAM (TYPE 1)

- NOTES:
- 1) UNSUITABLE MATERIAL ESTIMATED TO BE 5' DEEP
  - 2) THE UNDERWATER LIMITS OF THE PRECAST CONCRETE COULD NOT BE VISUALLY OBSERVED OR DETERMINED AND IS APPROXIMATE
  - 3) COFFERDAM SET 5' BEYOND UNSUITABLE MATERIAL LIMITS

NOTES:

1. SIDEWALKS/RAMPING FOR DOCKS TO REMAIN.  
CONTRACTORS OPTION:  
REMOVE SIDEWALKS/RAMPS FOR EASE OF DEMOLITION, THEN REPLACE WITH NEW CONSTRUCTION OF SAME DIMENSIONS. NO ADDITIONAL COMPENSATION SHALL BE GIVEN FOR SIDEWALK/RAMPING REMOVAL & REPLACEMENT.
2. AREA OF REMOVAL & DISPOSAL TO BE FILLED AND COMPACTED WITH ROCKFILL AND CAPPED WITH SUBBASE GRANULAR MATERIAL, TYPE B AS BASE FOR NEW CONSTRUCTION.
3. CONTRACTOR MAY TEMPORARILY REMOVE DOCKS FOR EASE OF CONSTRUCTION. STORAGE ON LAKE BANK IS ACCEPTABLE. DOCKS SHALL BE REINSTALLED PRIOR TO REOPENING BOAT LAUNCH. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR REMOVAL, STORAGE, AND REINSTALLATION OF DOCKS.

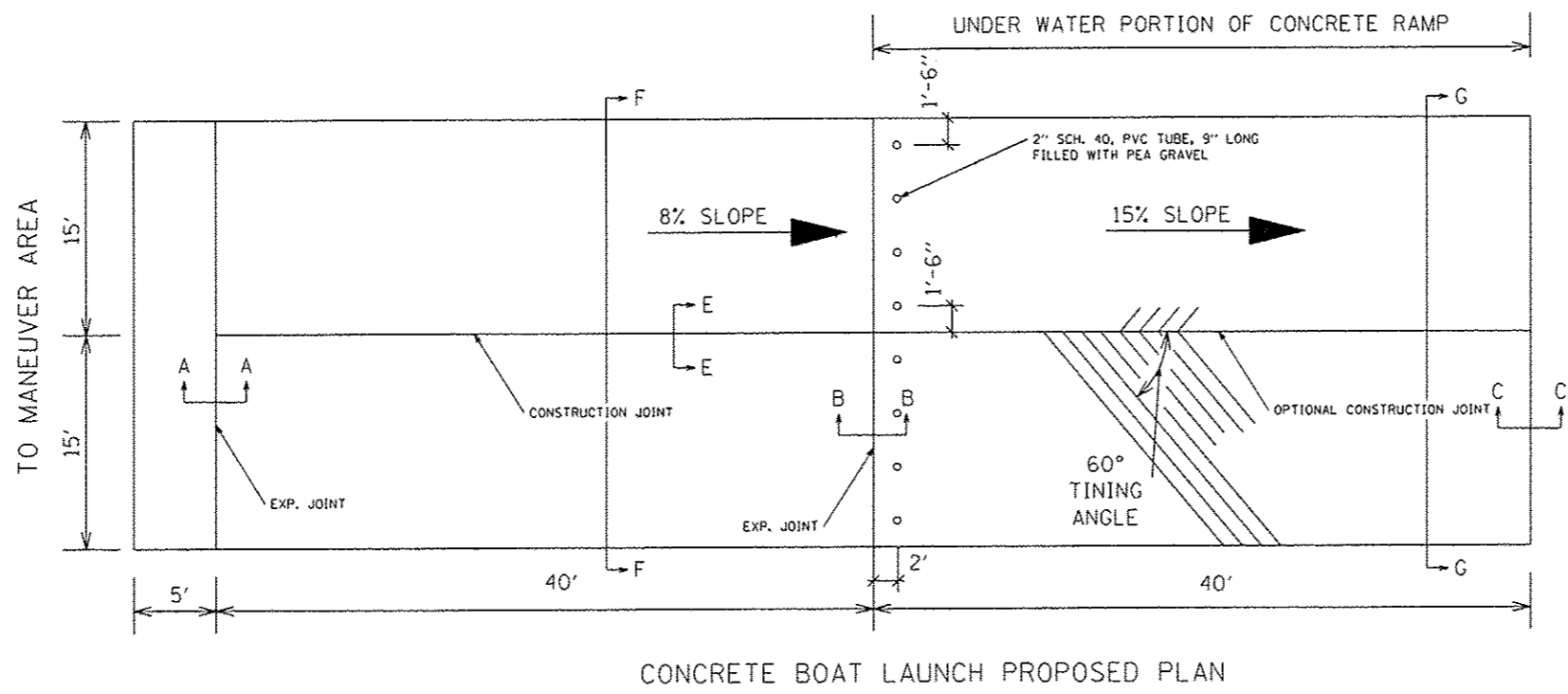
NOTES CONT.:

4. CONTRACTOR SHALL CLEAN ALL EQUIPMENT PRIOR TO ARRIVING ON SITE SO AS NOT TO CONTAMINATE CONSTRUCTION SITE (WATER IN PARTICULAR) WITH GREASE, DUST, SOIL, INVASIVE SPECIES, ETC.
5. CONTRACTOR IS REQUIRED TO MAINTAIN A SPILL CONTAINMENT KIT, PER OSHA STANDARDS, TO RESPOND TO HAZARDOUS WASTE RELEASE/CONTAMINATION (EG. GAS SPILL, EQUIPMENT HYDRAULIC LEAK, ETC.) DURING THE CONSTRUCTION PROJECT. ANY CONTAMINATION IS REQUIRED TO BE IDENTIFIED TO CONWR PERSONAL FOR MONITORING AND CLEANUP COORDINATION.  
IF MORE THAN 5 GALLONS OF CONTAMINATION IS RELEASED CONTRACTOR IS ALSO REQUIRED TO NOTIFY ILLINOIS EPA IN ADDITION TO GOVERNMENT PERSONNEL.

FILE NAME =	USER NAME = meesbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENBRIAR BOAT LAUNCH LOCATION MAP &amp; SITE PLAN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\184EBIDINTEG\Illinois.gov\WIDOT\Documents\1007 Offices\District 9\Projects\13.d	DRAWN=mees\78452\CAD\Detail\CAD\sheet\78452\REVISED\adkeydetail.dgn	CHECKED -	REVISED -				331	(1-4) R-6	WILLIAMSON	120	64
PLOT SCALE = 1/8" = 1' / in.	DATE -	REVISED -	REVISED -				SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78452		ILLINOIS FED. AID PROJECT
PLOT DATE = 3/18/2016	DATE -	REVISED -	REVISED -								

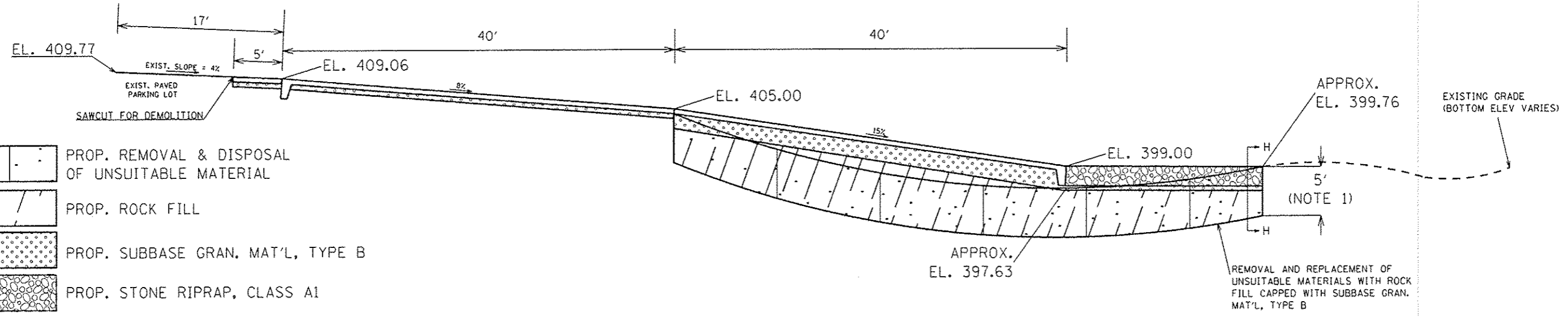






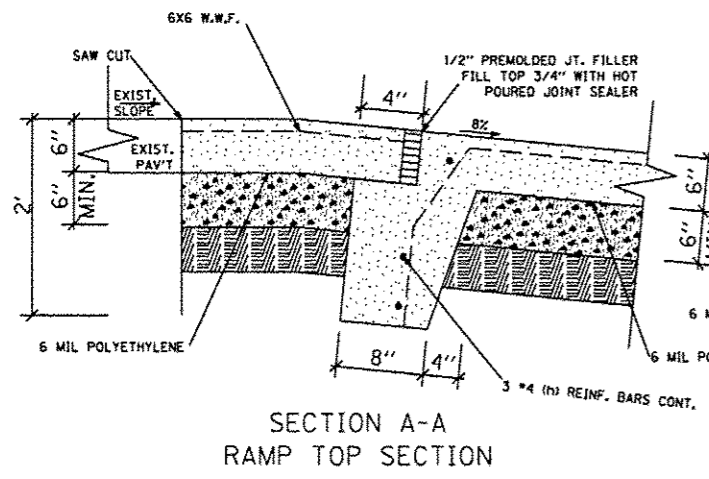
CONCRETE BOAT LAUNCH PROPOSED PLAN

CONCRETE BOAT LAUNCH PROPOSED PROFILE

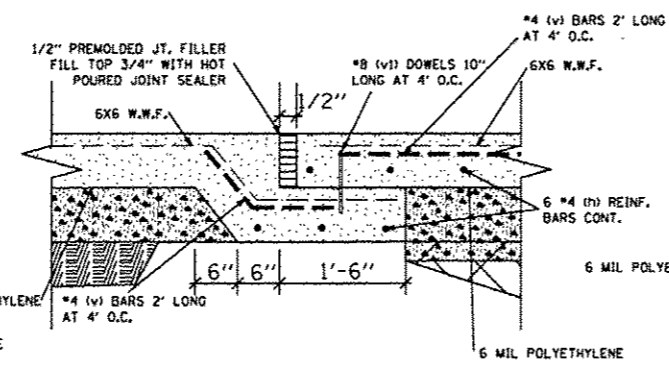


- NOTES:
- UNSUITABLE MATERIAL ESTIMATED TO BE 5' DEEP

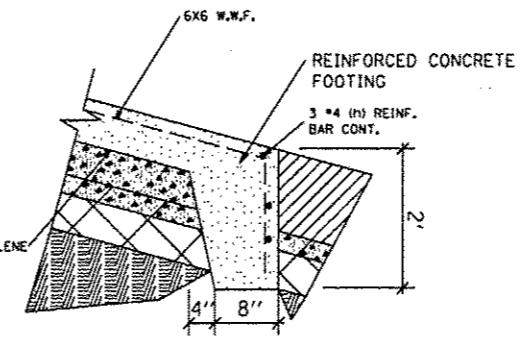
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PLOT SCALE : 1/8" = 1'-0"							SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
PLOT DATE : 5/24/2016							DATE	CONTRACT NO. 78452					



SECTION A-A  
RAMP TOP SECTION

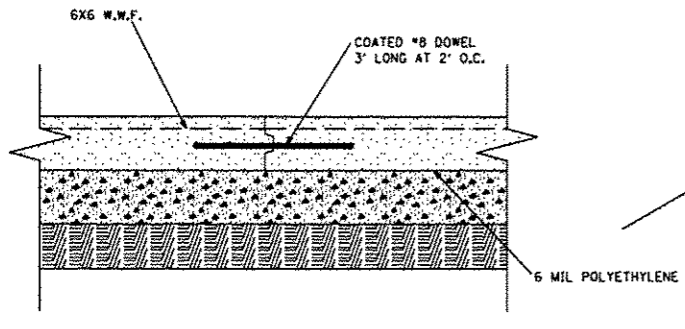


SECTION B-B  
EXPANSION JOINT SECTION

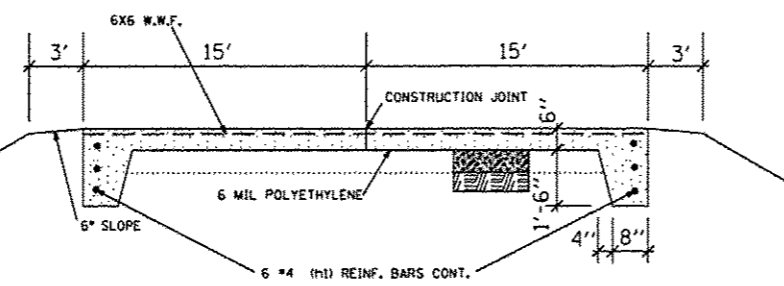


SECTION C-C  
RAMP TOE SECTION

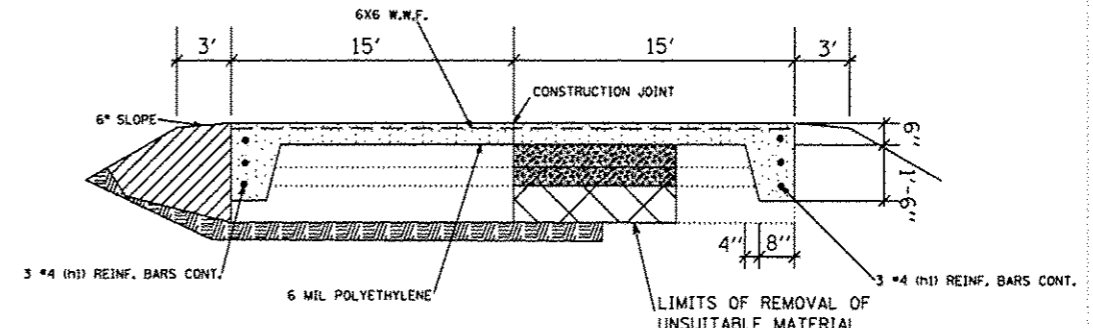
- PROP. SUBBASE GRAN. MAT'L, TYPE B
- PROP. REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
- PROP. ROCK FILL
- PROP. STONE RIPRAP, CLASS A1
- EXIST. GROUND



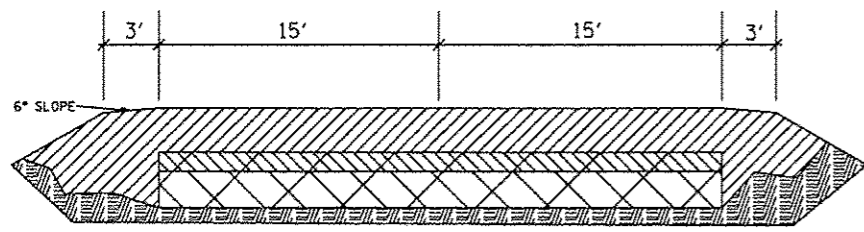
SECTION E-E  
RAMP CONSTRUCTION JOINT



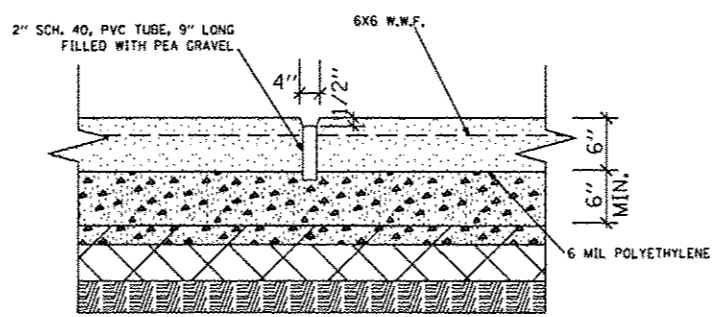
SECTION F-F  
UPPER RAMP TRANSVERSE SECTION



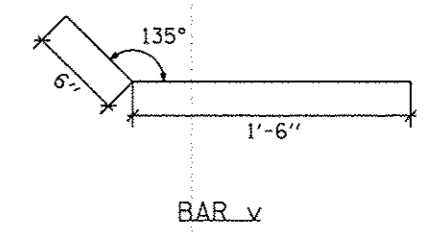
SECTION G-G  
LOWER RAMP TRANSVERSE SECTION



SECTION H-H  
RIPRAP TRANSVERSE SECTION



RAMP WEEP HOLE DETAIL

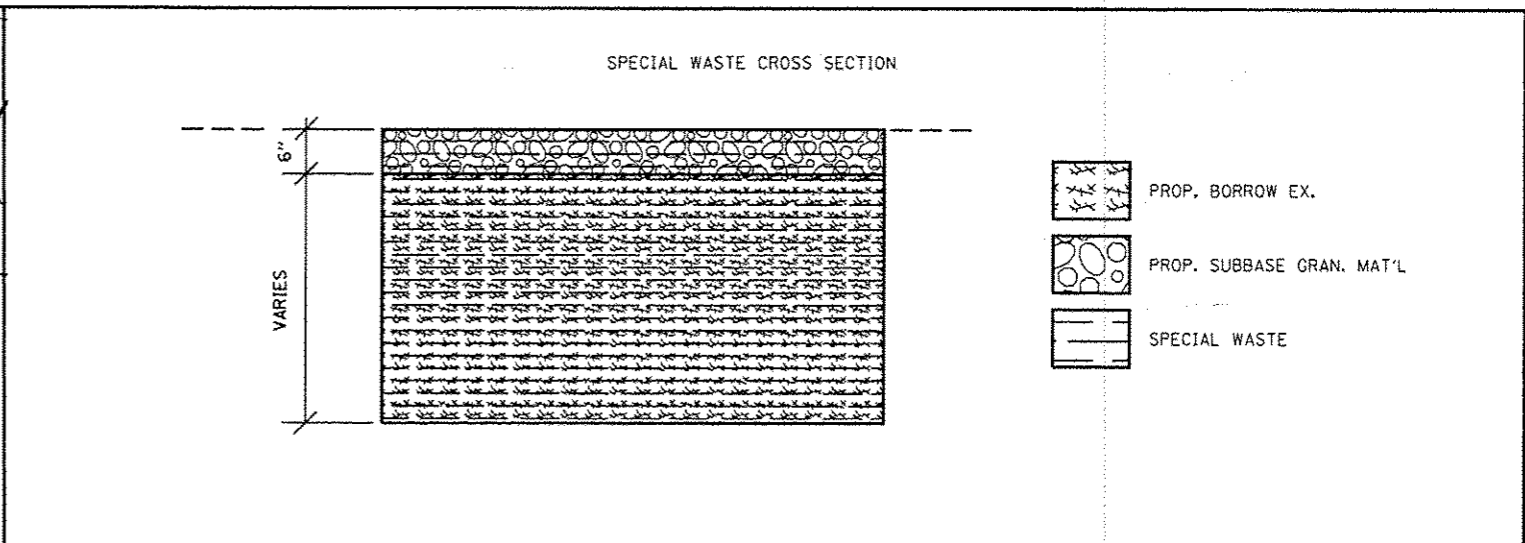
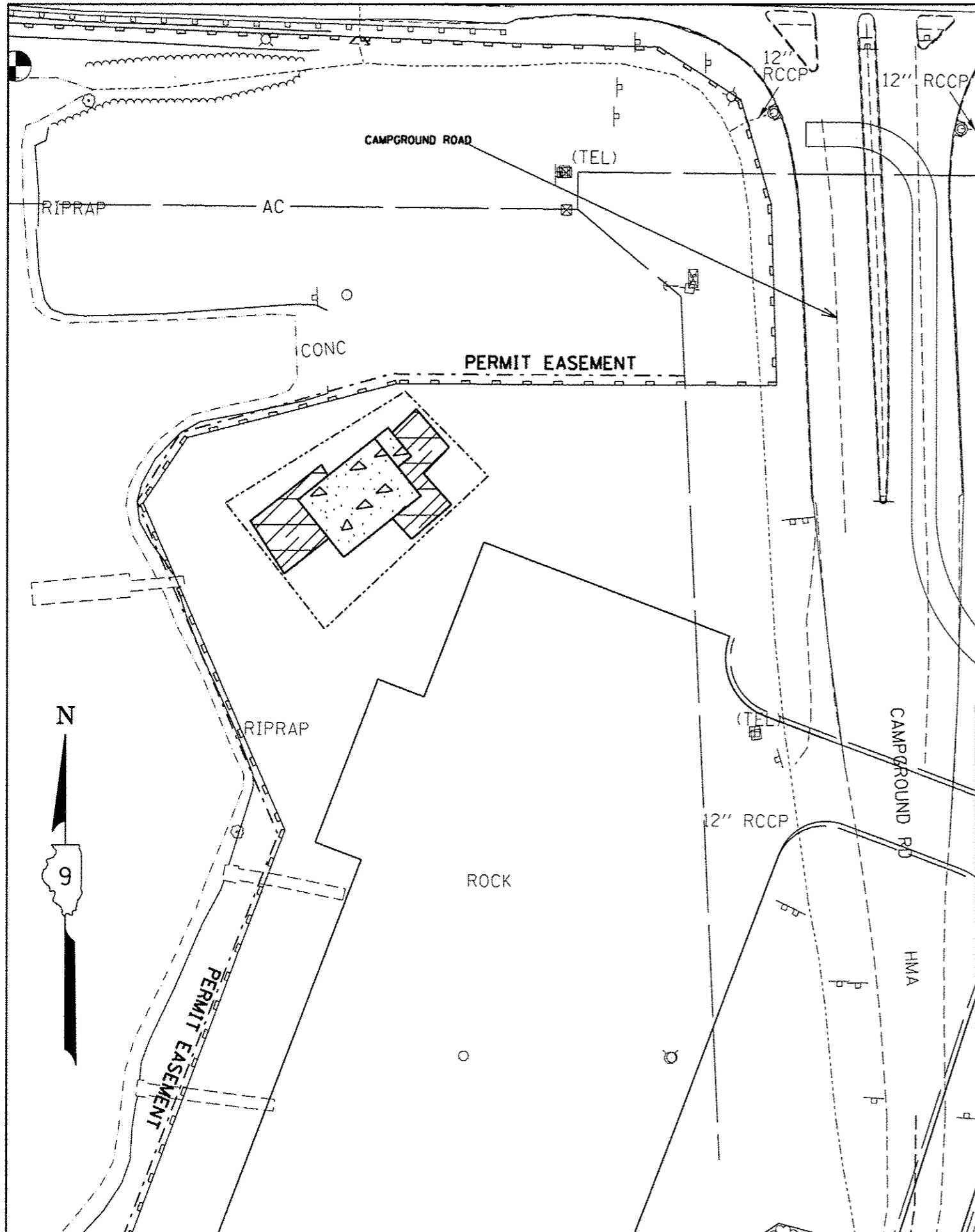


BAR v

GREENBRIAR BOAT LAUNCH  
BILL OF MATERIAL

Bar	No.	Size	Length
h	12	#4	30'
h1	12	#4	40'
v	12	#4	2'
v1	6	#8	10''
Dowel Bar	40	#8	3'
Reinforcement Bars		Pound	591
W.W.R.		Sq. Yd.	300

- NOTES:
- REINFORCING STEEL AND WELDED WIRE FABRIC SHALL HAVE A MINIMUM OF 2" CONCRETE COVER
  - WELDED WIRE FABRIC SHALL BE LAPPED NOT LESS THAN 1' AT SPLICES
  - REINFORCING BARS SHALL BE LAPPED 24" DIAMETER MINIMUM AT ALL SPLICES
  - CHAMFER ALL CONCRETE WORK EDGES 3/4" EXCEPT AS NOTED
  - THE ENTIRE SURFACE AREA OF THE BOAT RAMP WILL BE TINED



--- PERMIT EASEMENT

- - - APPROXIMATE AREA OF CONTAMINATED SOIL

▨ ESTIMATED PROP. EXCAVATION AREA

△ PREVIOUSLY DECONTAMINATED AREA

**CONTAMINATED SOIL NOTES:**

- 1) THREE LEAKING UNDERGROUND STORAGE TANKS WERE REMOVED FROM THIS SITE ON DECEMBER 11, 1995.
- 2) REMEDIAL ACTIVITIES WERE INITIATED IN JUNE 1999. THIS INCLUDED SOIL FLUSHING AND AIR SPARGING. THIS SYSTEM WAS OPERATED UNTIL APRIL 2002.
- 3) INTERIM CORRECTIVE ACTION, INCLUDING REMOVAL OF APPROXIMATELY 360 CUBIC YARDS OF IMPACTED SOIL, WAS TAKEN IN JUNE 2014.
- 4) THE INTERIM CORRECTIVE ACTION AREA, LABELED AS "PREVIOUSLY DECONTAMINATED AREA" WAS BACKFILLED WITH CLEAN CA-11 AND CA-6 ROCK FROM A VIRGIN SOURCE.

PREVIOUSLY DECONTAMINATED AREA

PREVIOUSLY DECONTAMINATED AREA			
Point	Description	X	Y
NW	NorthWest Excavation Corner	757424.3521	393322.6865
NE	NorthEast Excavation Corner	757455.5361	393347.7379
S1	SubArea Excavation Point 1	757461.0164	393352.1051
S2	SubArea Excavation Point 2	757470.3917	393340.4046
EA	East Excavation Point	757464.9744	393336.0907
SE	Southeast Excavation Point	757474.3244	393324.3499
SW	Southwest Excavation Point	757443.1408	393299.2987

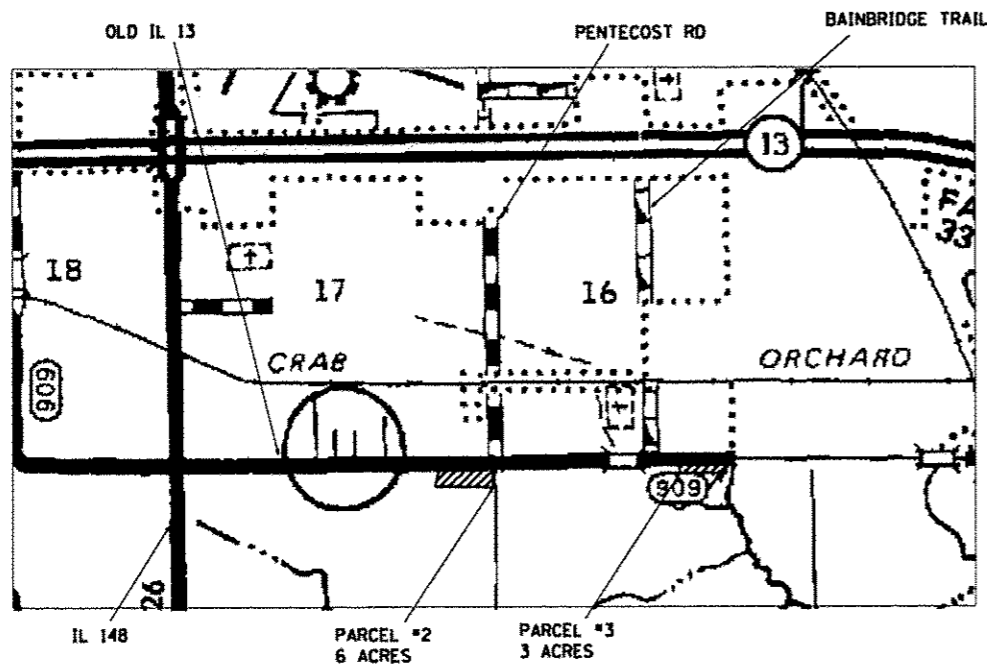
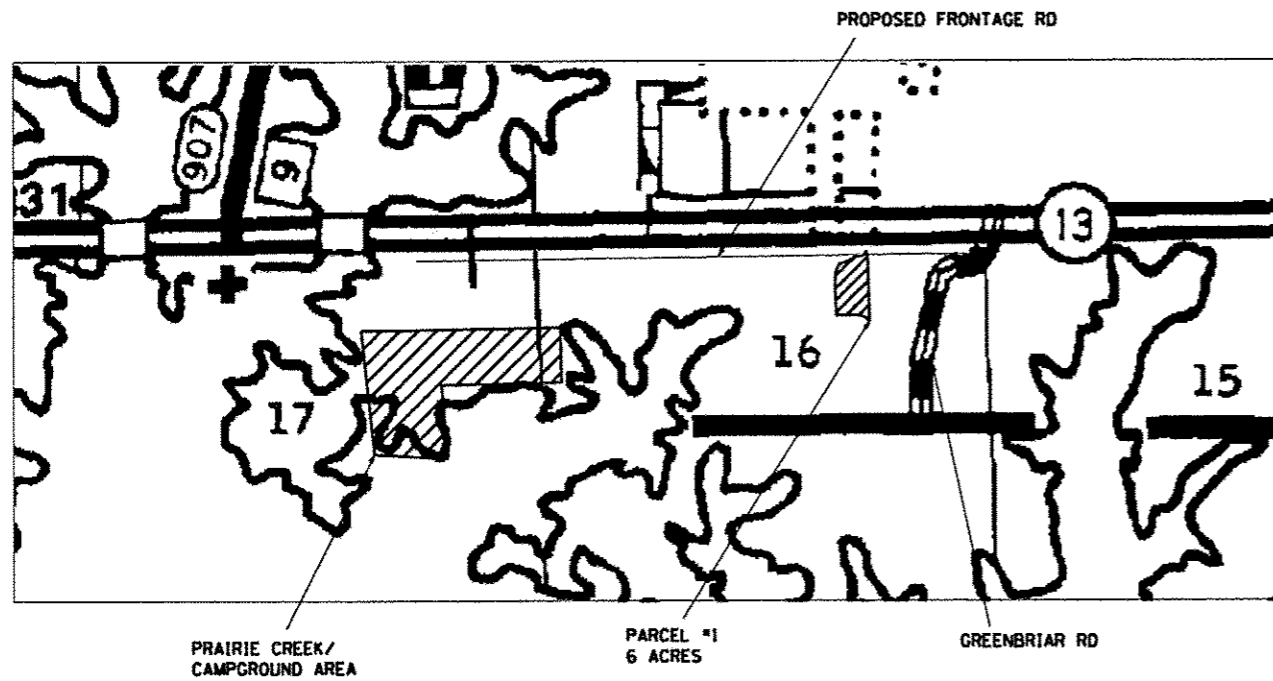
NOTE: THIS TABLE - ALL COORDINATES ARE IN NAD 83 IL STATE PLANE 11 EAST US SURVEY FT

PREVIOUSLY DECONTAMINATED AREA			
Point	Description	STATION	OFFSET (FT)
NW	NorthWest Excavation Corner	348+92.57	226.97
NE	NorthEast Excavation Corner	349+23.16	201.01
S1	SubArea Excavation Point 1	349+28.53	196.48
S2	SubArea Excavation Point 2	349+38.30	207.90
EA	East Excavation Point	349+32.98	212.37
SE	Southeast Excavation Point	349+42.73	223.83
SW	Southwest Excavation Point	349+12.14	249.80

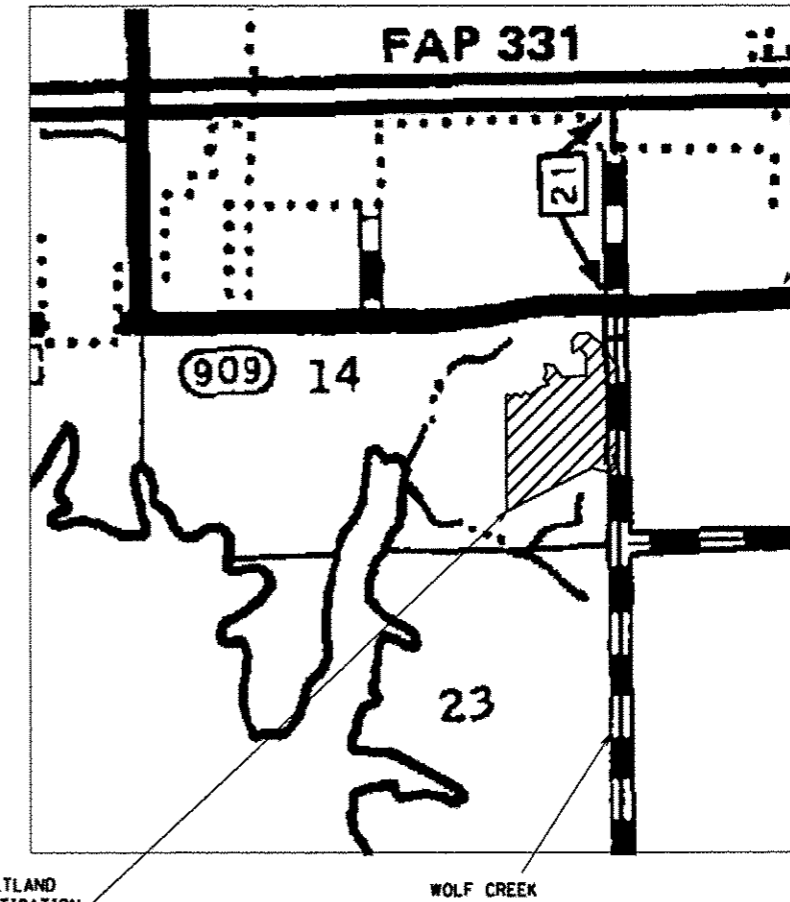
NOTE: THIS TABLE - ALL STATIONS AND OFFSETS ARE FROM IL 13 EB CENTERLINE

TREE PLANTING

WETLAND MITIGATION



NOTES:  
1) APPROXIMATE AREAS OF TREE PLANTING. SEE SHEET 26 FOR SCHEDULE OF QUANTITIES.



WETLAND MITIGATION  
39 ACRES

NOTE:  
1) APPROXIMATE AREA OF WETLAND MITIGATION, NEAR INTERSECTION OF WOLF CREEK AND OLD IL 13 IN CRAINVILLE.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
TREE PLANTING & WETLAND MITIGATION

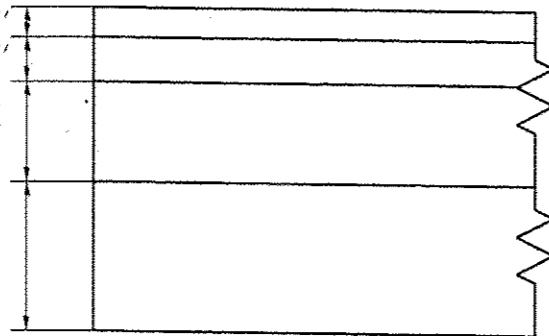
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	69
CONTRACT NO. 78452			ILLINOIS FED. AID PROJECT	

FILE NAME *	USER NAME = moasbl	DESIGNED -	REVISED -
Documents\1007 Offices\District 9\Projects\13.d	Documents\1007 Offices\District 9\Projects\13.d	DRAWN=	REVISED=
		CHECKED -	REVISED -
		DATE -	REVISED -
58.Scale	PLOT DATE = 3/18/2016		

SCALE: SHEET OF SHEETS STA. TO STA.

**PARKING LOT DETAILS**

PROPOSED HMA SURFACE COURSE, 1 1/2"  
 PROPOSED HMA BINDER COURSE, 2 1/2"  
 PROPOSED AGG BASE COURSE, TY A, 8"  
 PROPOSED PROCESSING SOIL-CEMENT BASE COURSE, 12"

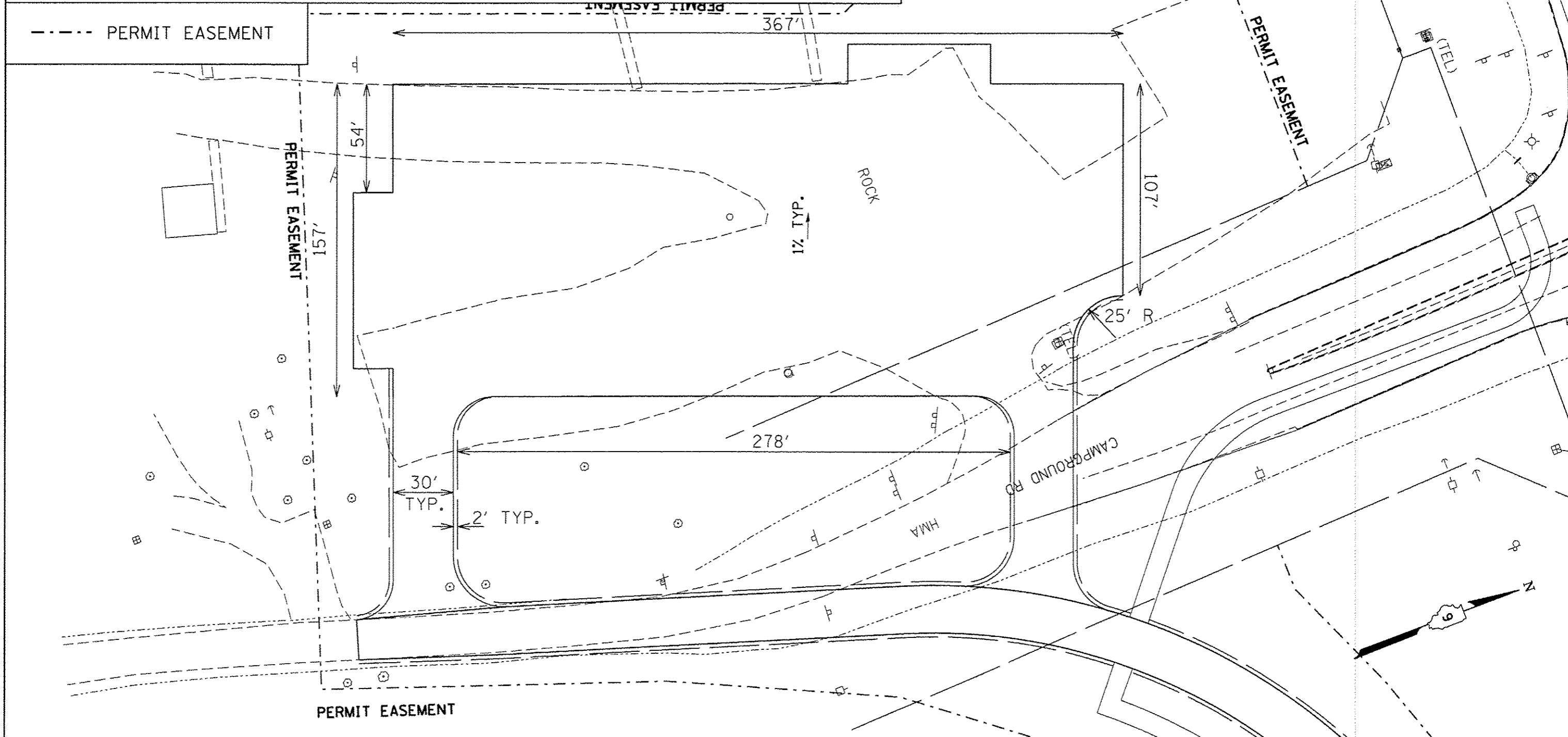


CAR SPACES:  
 4 HANDICAPPED  
 12 STANDARD

TRAILER SPACES:  
 4 HANDICAPPED  
 28 STANDARD

TOTAL: 48 SPACES

--- PERMIT EASEMENT



PERMIT EASEMENT

FILE NAME	USER NAME = moesbl	DESIGNED -	REVISED -
\\vlb04e010\INTEG\illinois.gov\PW\DDT\Documents\DDT Offices\District 9\Projects\13.d		DRAWN = moe	REVISED to file.dgn
Default	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2016	DATE -	REVISED -

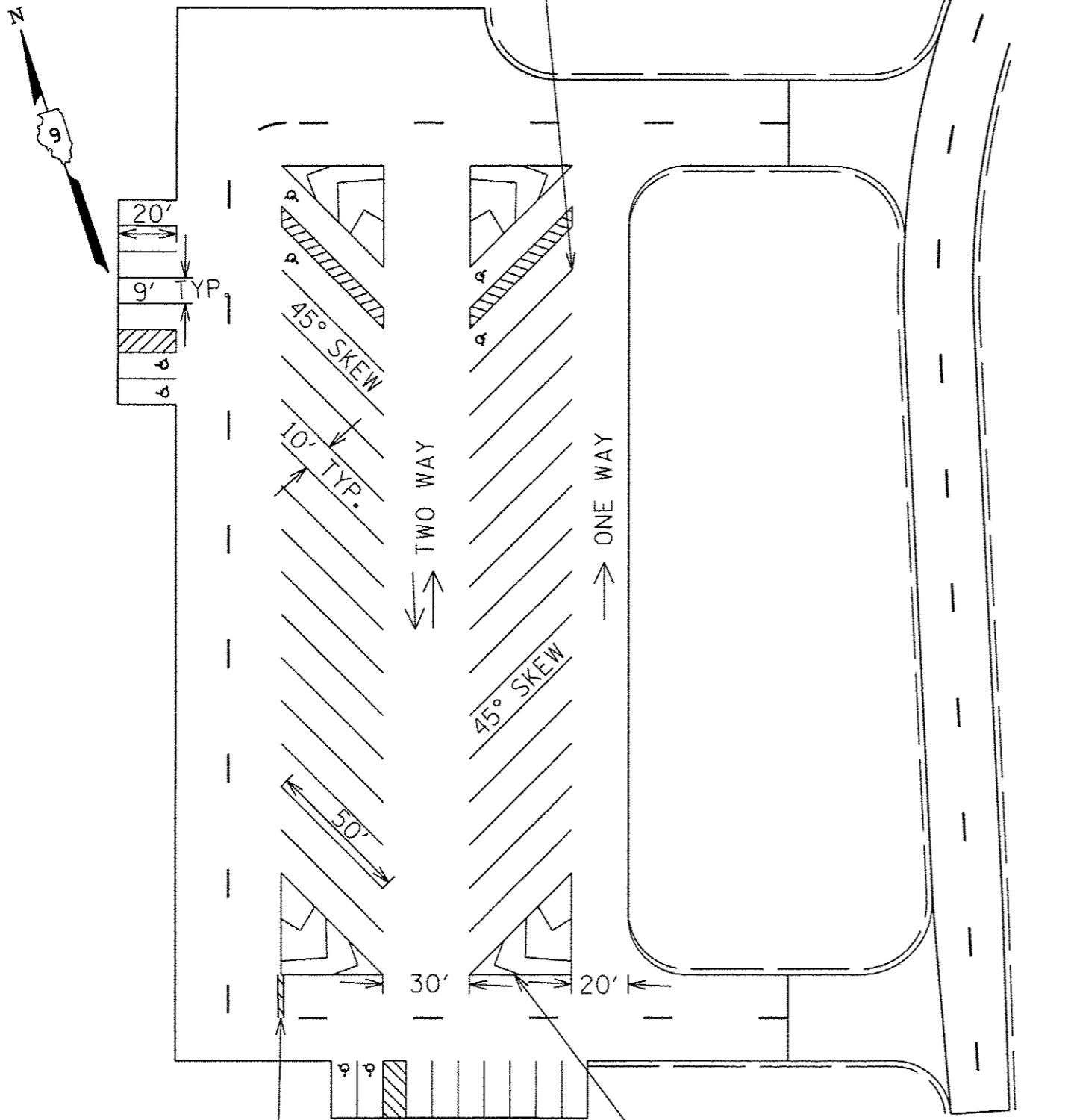
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARKING LOT DETAILS			
PLAN VIEW & TYPICAL SECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	70
CONTRACT NO. 78452				
ILLINOIS FED. AID PROJECT				

# ADA PARKING SPACE STRIPING

THERMOPLASTIC PAVEMENT MARKING  
LINE 4" (WHITE)



THERMOPLASTIC PAVEMENT MARKING  
LINE 24" (WHITE)

THERMOPLASTIC PAVEMENT MARKING LINE 8" (YELLOW)

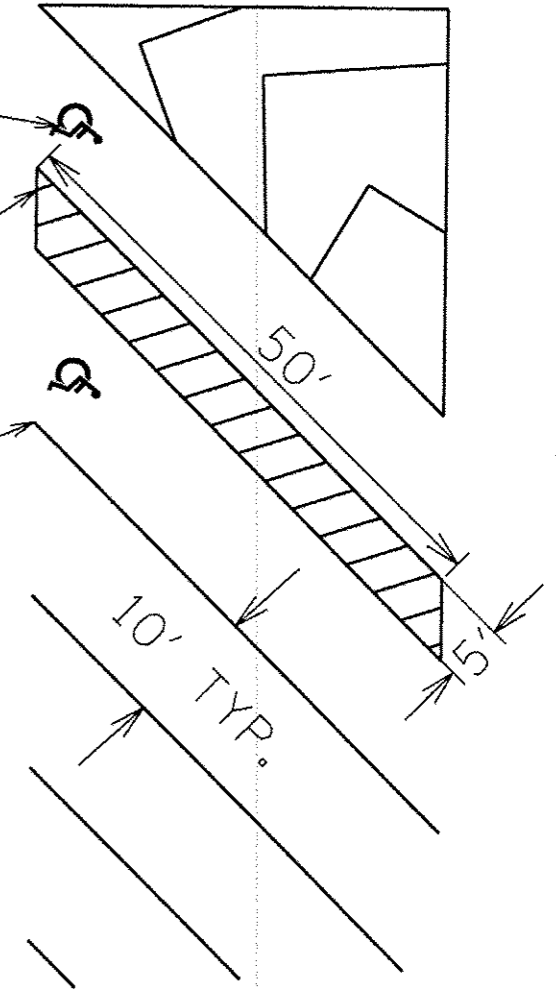
NOT TO SCALE

## TRAILER SPACES

THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (YELLOW)

THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW) - 2.4' O.C., 45° SKEW

THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW)



## CAR SPACES

THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW) - 2.4' O.C., 45° SKEW

9' TYP.

THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (YELLOW)

NOT TO SCALE

FILE NAME *	USER NAME = maestri	DESIGNED -	REVISED -
pw:\IL084E01DINTEC\illinois.gov\PI007\Documents\DOT Offices\District 9\Projects\13.d		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT SCALE = 98.0000' / in.		
	PLOT DATE = 3/18/2016		

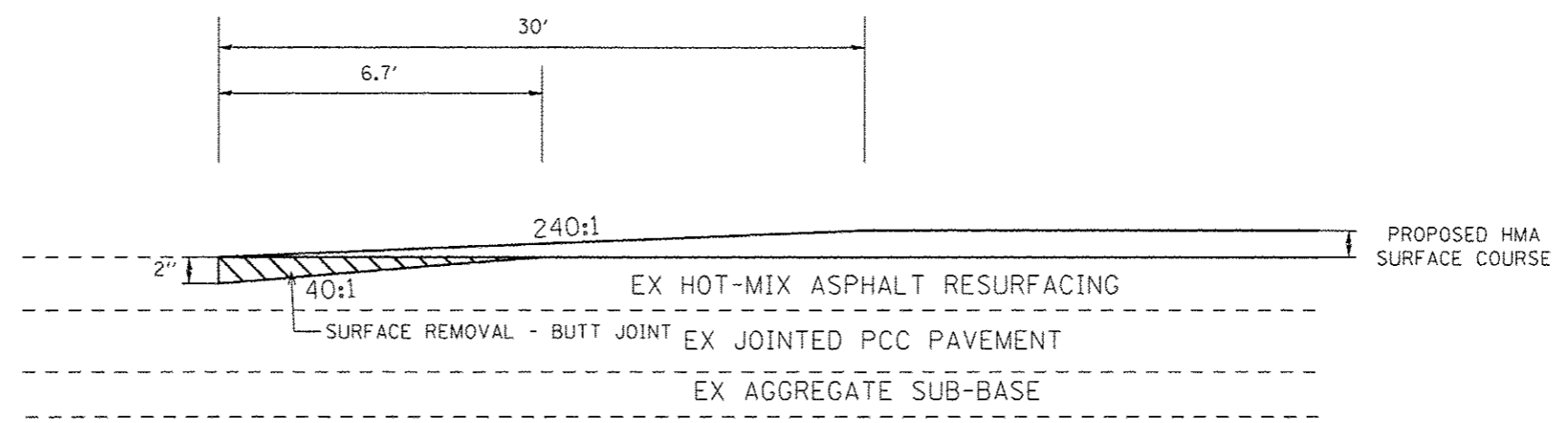
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING LOT DETAILS  
PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

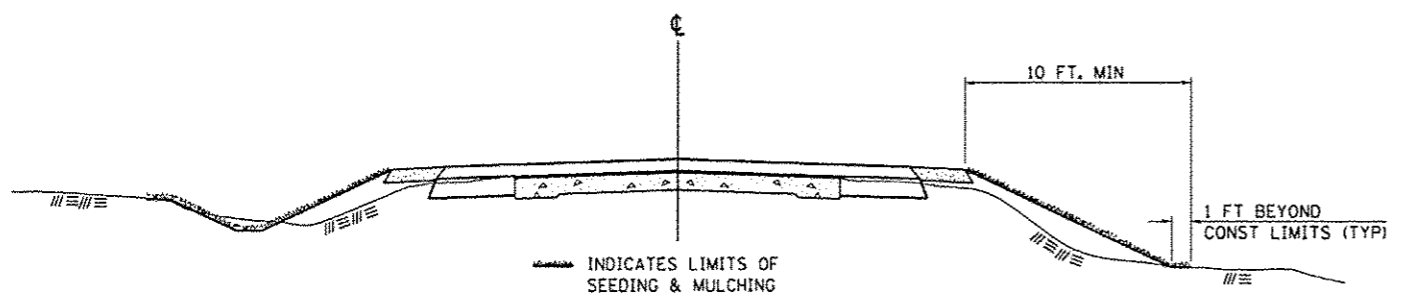
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	71
CONTRACT NO. 78452			ILLINOIS FED. AID PROJECT	

# BUTT JOINT DETAILS



TO BE USED:  
GREENBRIAR ROAD  
STA. 2+19.50 TO STA. 2+49.50

## SEEDING & MULCHING



### GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS. LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

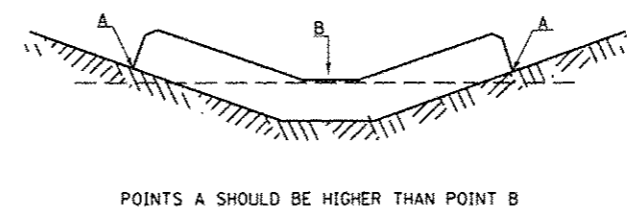
SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08
REVISED	5-16-13

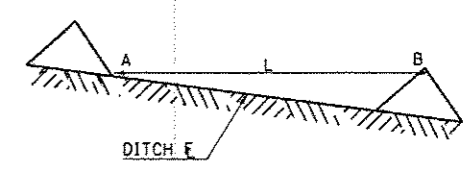
STD. 9-12

## TEMPORARY DITCH CHECKS

### PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



### SPACING BETWEEN TEMPORARY DITCH CHECKS



L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

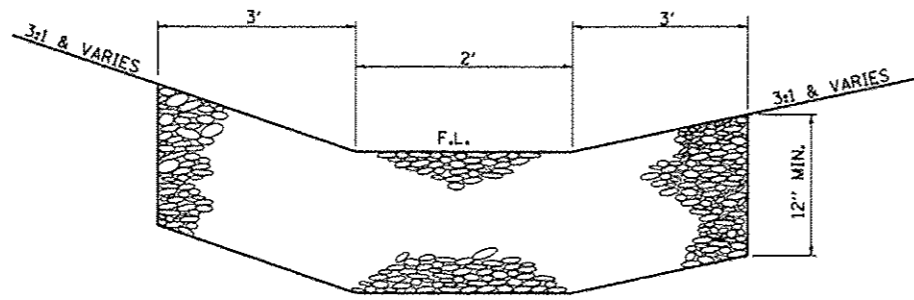
REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
REVISED	5-8-08
REVISED	05-04-10
REVIEWED	5-17-13

STD. 9-108

FILE NAME :	USER NAME : moesbl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				331	(1-4) R-6	WILLIAMSON	120	72	
	PLLOT DATE = 3/18/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
											CONTRACT NO. 78452	



### AGGREGATE DITCH



FRONT VIEW

### AGGREGATE DITCH SCHEDULE

LOCATION				SLOPE %	AGGREGATE DITCH TON	FILTER FABRIC SQ YD
STA.	TO	STA.	LT/RT			
FRONTAGE RD						
13+84.64	TO	13+97.24	RT	5.29	9	16
14+45.08	TO	14+58.11	LT	-7.68	9	16
14+58.11	TO	14+74.74	LT	7.73	11	20
26+97.80	TO	27+22.22	LT	13.63	16	28
47+75.00	TO	48+09.00	RT	7.22	22	38
51+29.68	TO	51+50.00	RT	-10.31	13	24
51+50.00	TO	51+79.05	RT	16.88	19	33
51+50.00	TO	51+75.08	LT	11.09	16	29
TOTALS					115	204

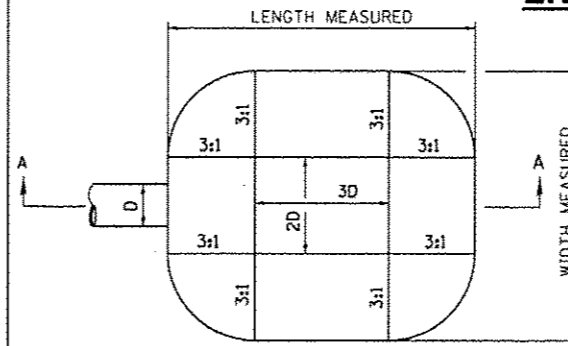
### ENERGY DISSIPATOR

#### EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.



D = INSIDE DIAMETER OF PIPE CULVERT OR CLEAR HEIGHT OF BOX CULVERT

PLAN

#### RIPRAP FOR ENERGY DISSIPATOR

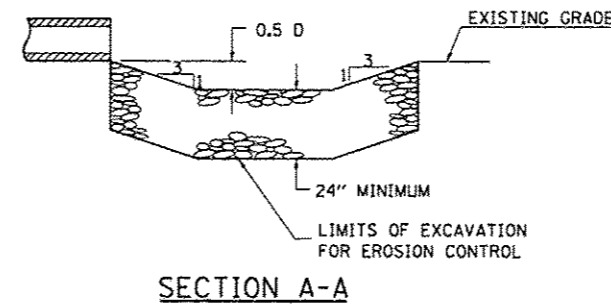
RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE OUTSIDE CORNERS CAN BE ROUNDED OR SQUARED.

THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR **STONE DUMPED RIPRAP**.

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

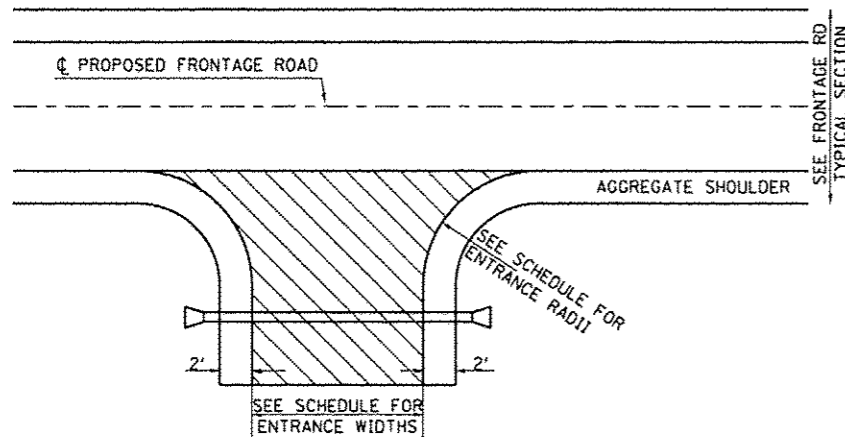


SECTION A-A

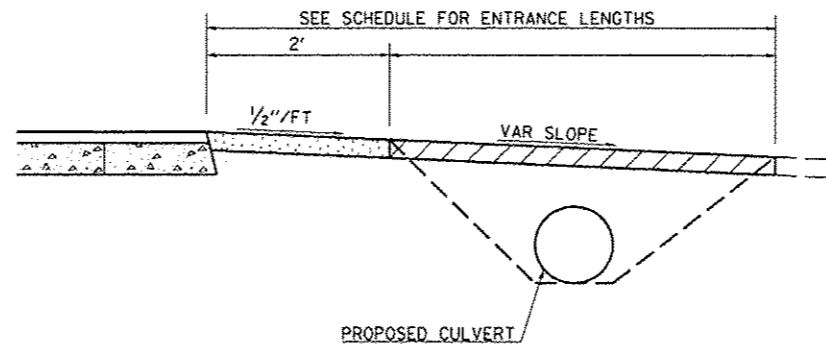
REVISIONS	
REDRAWN	2-15-89
REVISED	11-3-93
REVISED	8-15-94
REVISED	12-14-01
REVISED	3-26-08
REVISED	5-16-13

STD 9-6

### ENTRANCE DETAILS

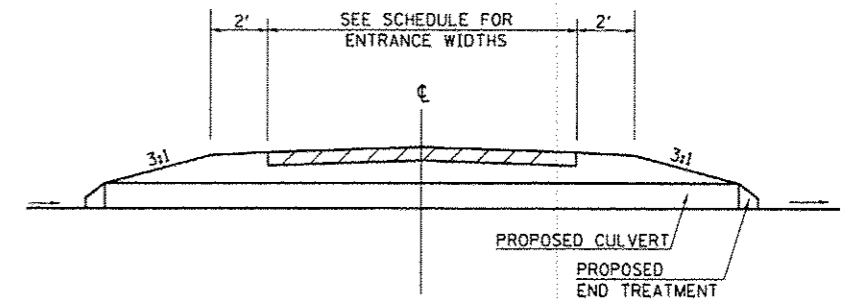


TO BE USED:  
FRONTAGE ROAD  
STA. 47+00  
STA. 60+28



SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDERoads. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.

#### DETAIL FOR CALCULATING CULVERT LENGTH



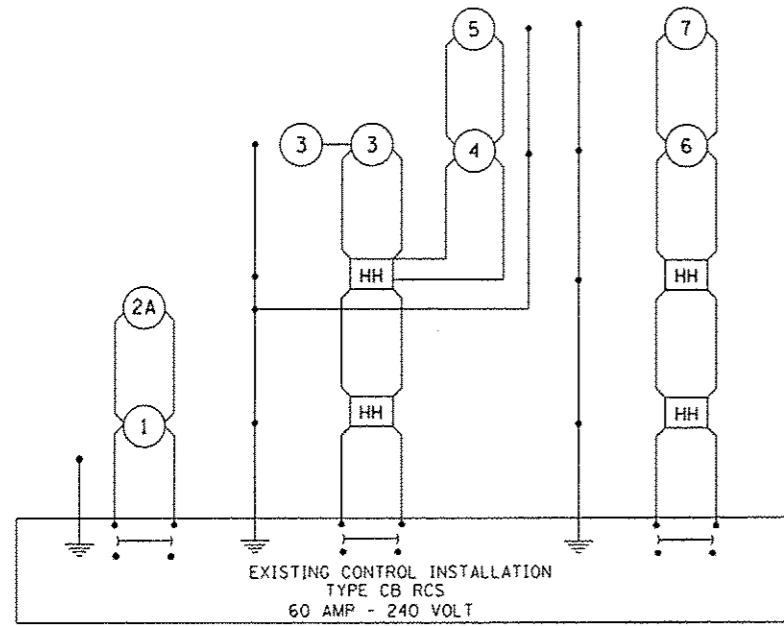
• SEE SHEET 25 FOR ENTRANCE SCHEDULE

• SEE SHEET 25 FOR CULVERT SCHEDULE

FILE NAME: p:\11004EBIDINTEC\Illinois.gov\PI\DOT\Documents\1007 Offices\District 9\Projects\13.d	USER NAME: m00sbl	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	PLOT SCALE: 100.0000' = 1"	CHECKED: -	REVISED: -			331	(1-4) R-6	WILLIAMSON	120	73		
	PLOT DATE: 3/18/2016	DATE: -	REVISED: -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
										CONTRACT NO. 78452		

# WIRING DIAGRAM FOR LIGHTING

FOR INFORMATION ONLY



### NOTES:

- FOR SIZE AND TYPE OF CABLE USED FOR LIGHTING INSTALLATION SEE CABLE DIAGRAM SHEET NO.
- POWER TO CONTROL INSTALLATION SHALL REMAIN AS IS.

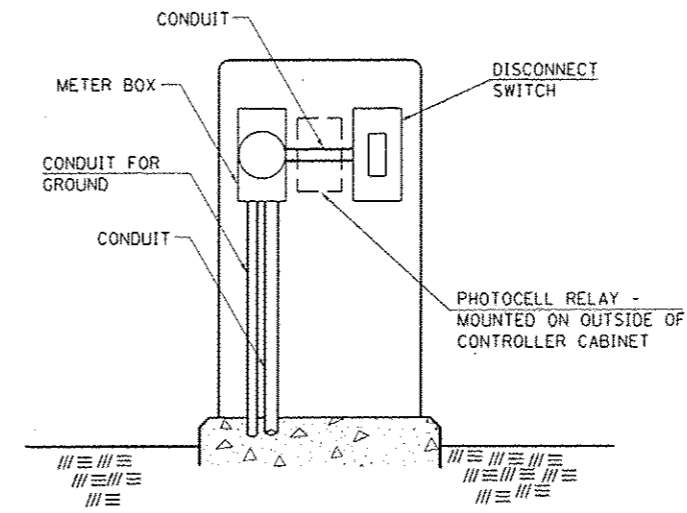
### LEGEND FOR WIRING DIAGRAM

- HH** INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE. NOTE: THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM, EXCEPT FOR LIGHT POLES NO.
- 1** NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM.
- INDICATES PROPOSED GROUND AT LIGHT POLE AND CONTROL INSTALLATION.
- ⊕** INDICATES CONTINUOUS GROUND FROM CONTROL INSTALLATION.

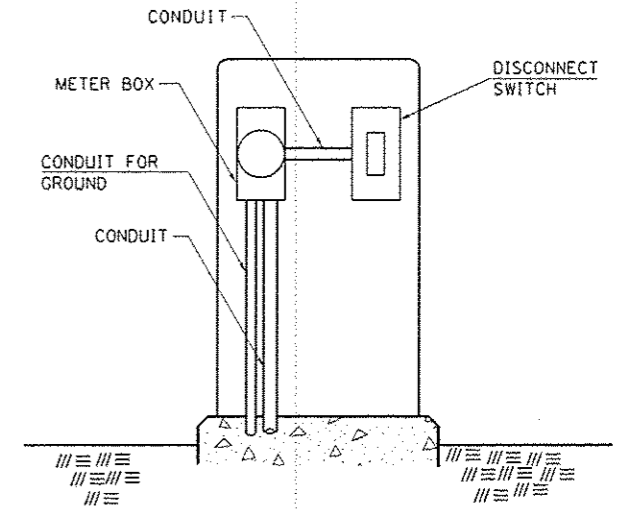
REVISIONS	
DRAWN	7-27-93
REVISED	5-14-02
RESIZED	5-8-08
REVIEWED	5-17-13

STD. 9-59

# SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL) WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

FOR INFORMATION ONLY

### NOTE:

MATERIAL AND SIZE OF CONDUIT AND CABLE AS REQUIRED BY UTILITY COMPANY

REVISIONS	
DRAWN	1-31-90
REVISED	2-24-92
RESIZED	5-7-08
REVIEWED	5-17-13

STD. 9-68

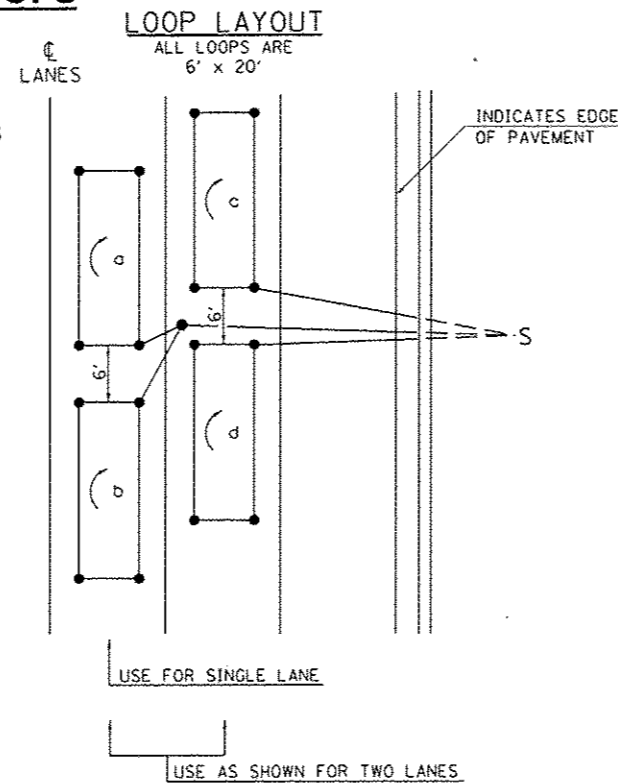
# DETAIL OF DETECTOR LOOPS

### NOTES

- THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
- WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

### LOOP LEGEND

- (c)** CLOCKWISE ROTATION FOR LOOP WIRES
- S** INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL



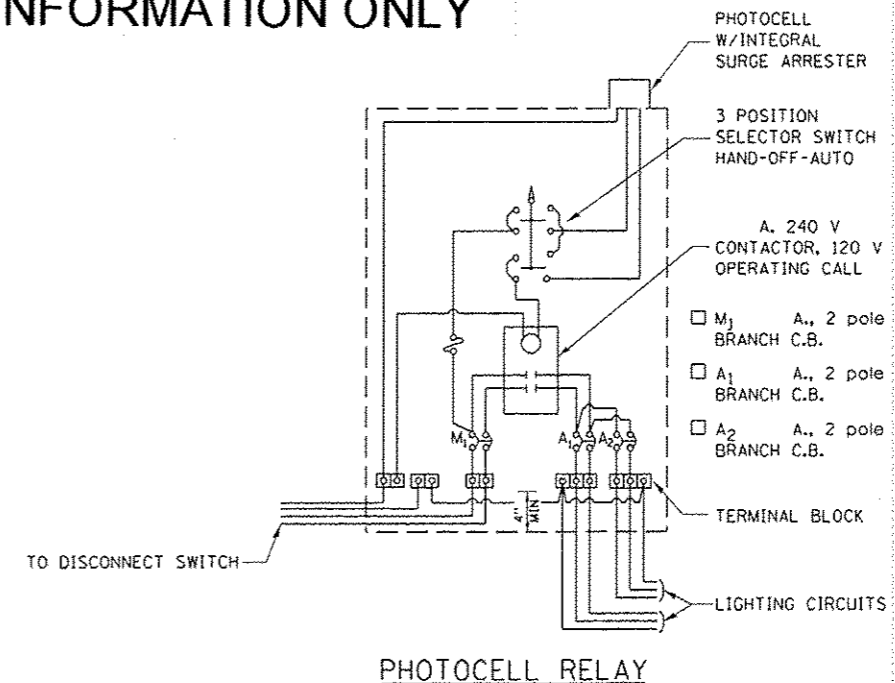
DETAIL 6' x 20' DETECTOR LOOPS

REVISIONS	
REDRAWN	5-13-02
REVISED	10-27-05
REVISED	3-26-08
REDRAWN	3-16-11
REVISED	4-12-13

STD. 9-92

# OUTDOOR LIGHTING CONTROL CABINET (GROUND MOUNT CABINET ONLY)

FOR INFORMATION ONLY



PHOTOCELL RELAY

REVISIONS	
DRAWN	5-18-90
REVISED	5-13-02
REVISED	3-26-08
REVIEWED	5-17-13

STD. 9-76

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

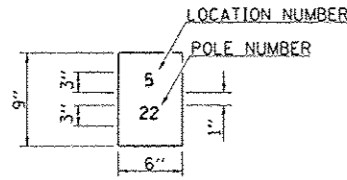
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4) R-6	WILLIAMSON	120	74

CONTRACT NO. 78452  
ILLINOIS FED. AID PROJECT

# POLE STANDARDS

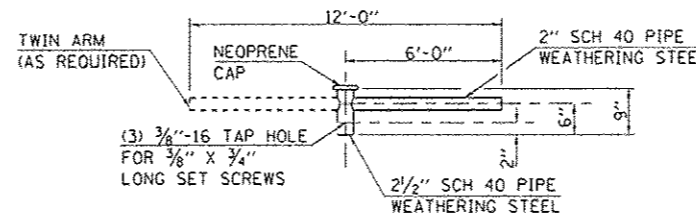
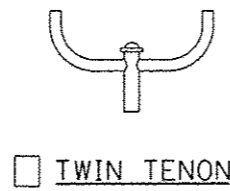
"INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO DRILL A 3/4" DIAMETER HOLE THROUGH TENON, INSTALL AND TIGHTEN SELF-TAPPING SCREW. TIGHTEN SET SCREWS AN ADDITIONAL 1/4 TO 3/8 TURN WITH HEX KEY (NOT PROVIDED). INSTALL LOCKNUTS ON SET SCREWS IF THREADED PROJECTION ALLOWS."

POLE SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR 80 MPH WIND LOADING AND 90 LB. 4.0 SO. FT E.P.A. LUMINAIRE.

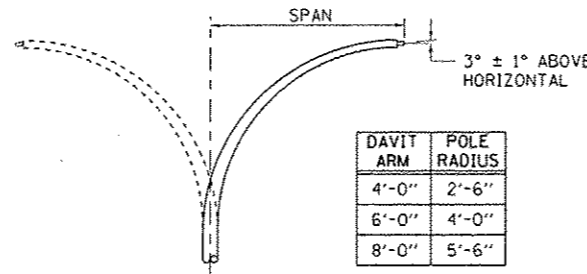


THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION OF EACH NEW LIGHT POLE, AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3", SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION T602.01 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. THE NUMERALS SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS".

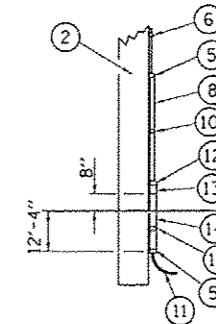
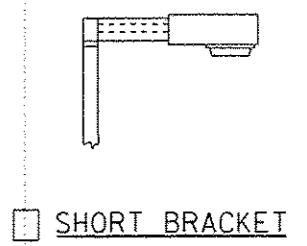
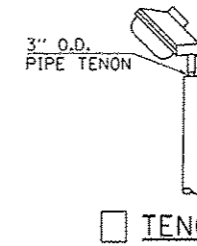
THE LIGHT POLE IDENTIFICATION SHALL BE APPLIED TO SIGN BASE MATERIAL AS SPECIFIED IN SECTION 719.11 OF THE STANDARD SPECIFICATIONS, APPROXIMATELY 7" ABOVE THE ADJACENT PAVEMENT GRADE VISIBLE TO APPROACHING TRAFFIC IN ACCORDANCE WITH HIGHWAY STANDARD 2319.



NOTE: SINGLE OR TWIN ARM ASSEMBLY SHALL BE TILTED 3° ABOVE HORIZONTAL.

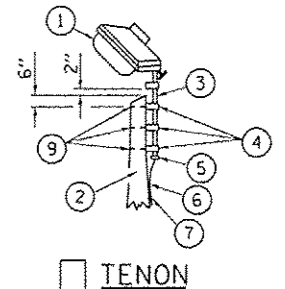
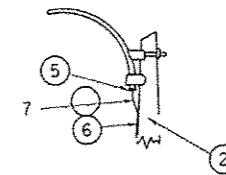


# FOR INFORMATION ONLY



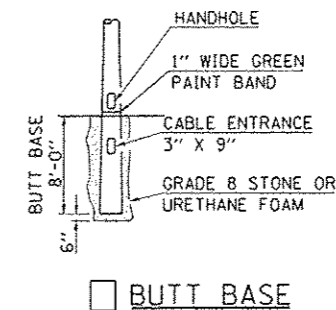
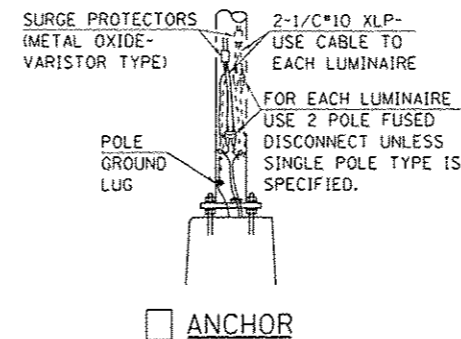
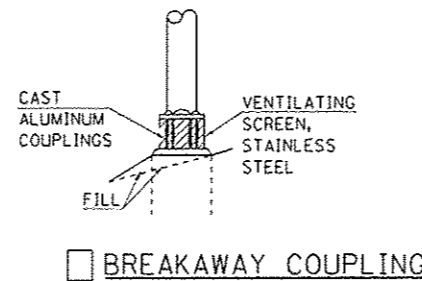
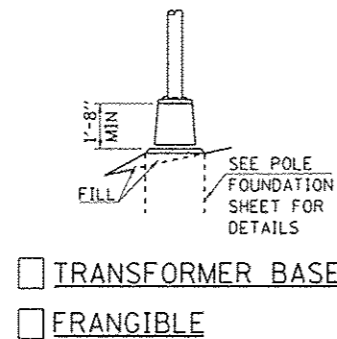
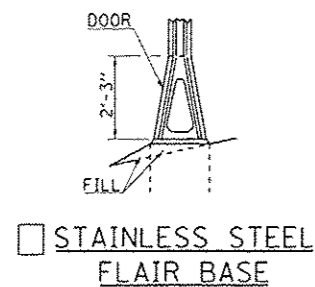
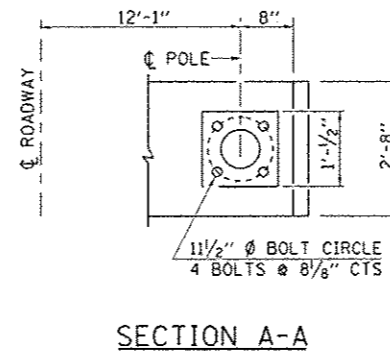
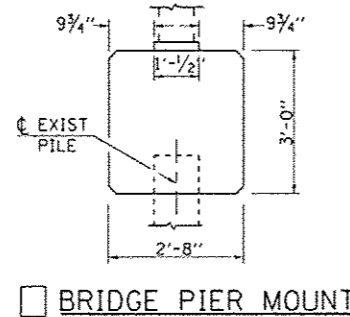
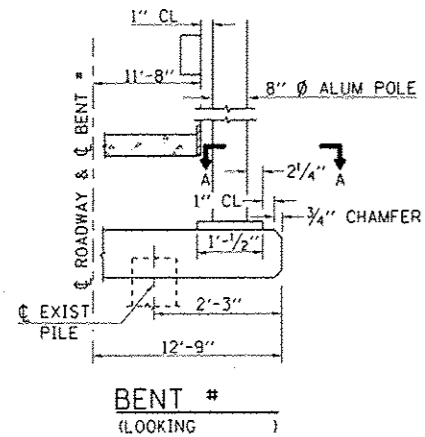
POLE LENGTH	DEPTH IN GROUND
65'-0"	12'-0"
60'-0"	10'-0"
55'-0"	9'-0"
50'-0"	8'-0"
45'-0"	7'-0"
40'-0"	6'-6"
35'-0"	6'-0"
30'-0"	5'-6"

DETAILS FOR UNDERGROUND DISTRIBUTION IF REQUIRED



- ① LUMINAIRE
- ② WOOD POLE, CLASS 3 OR BETTER
- ③ 2 1/2" GALV. STEEL CONDUIT
- ④ SINGLE OFFSET POLE BAND
- ⑤ CONDUIT BUSHING
- ⑥ CABLE CLAMPS ON 2' CENTERS
- ⑦ 2/C #12 TYPE USE CABLE
- ⑧ 1" GALV. STEEL CONDUIT 10' IN LENGTH

- ⑨ 5/8" Ø HOT DIPPED GALVANIZED BOLT WITH FLAT WASHER & LOCKNUT (3 REQ'D)
- ⑩ CONDUIT CLAMPS ON 3' CENTERS
- ⑪ UNIT DUCT
- ⑫ THREADED REDUCER
- ⑬ "C" CONDULET, THREADED
- ⑭ 1/2" GALV. STEEL CONDUIT FOR 1 UNIT DUCT OR 3" GALV. STEEL CONDUIT FOR 2 OR 3 UNIT DUCTS.



REVISIONS	
DRAWN	2-9-01
REVISED	4-14-02
RESIZED	5-6-08
REVIEWED	5-17-13

STD. 9-115

# LIGHT POLE FOUNDATION

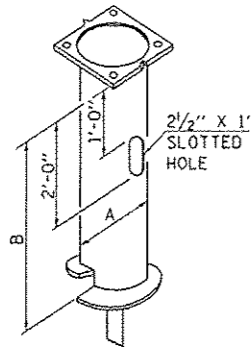
FOR INFORMATION ONLY

BOLT CIRCLE	A	B	MOUNTING HEIGHT
1'-3"	10"	6'-0"	45'-0" OR 50'-0" *
1'-3"	8"	6'-0"	45'-0"
11"	8"	6'-0"	40'-0" OR LESS

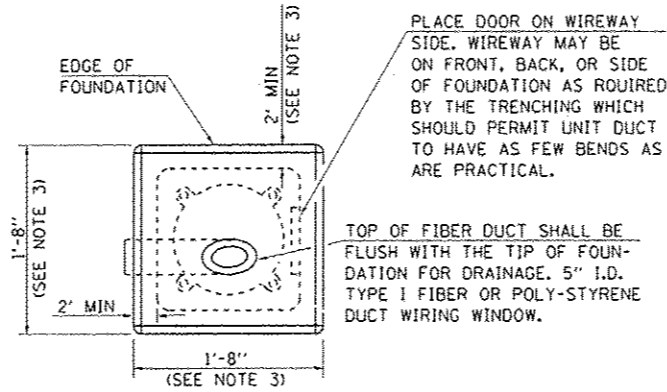
HEIGHT	DEPTH	BOLT CIRCLE
30'-0"	5'-0"	11"
31'-0" - 35'-0"	6'-0"	11"
36'-0" - 40'-0"	7'-0"	1'-3"
41'-0" - 45'-0"	7'-6"	1'-3"
46'-0" - 50'-0"	8'-0"	1'-3"

\* FOR USE ON POLES W/TWIN TENON

\*\* MINIMUM TORQUE REQ'D TO INSTALL FOUNDATIONS SHALL BE 5,000 LBS

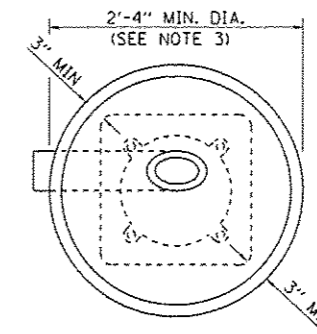


STEEL POLE FOUNDATION

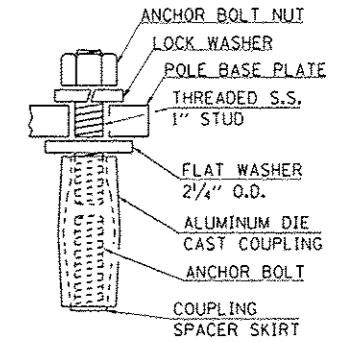


PLACE DOOR ON WIREWAY SIDE. WIREWAY MAY BE ON FRONT, BACK, OR SIDE OF FOUNDATION AS REQUIRED BY THE TRENCHING WHICH SHOULD PERMIT UNIT DUCT TO HAVE AS FEW BENDS AS ARE PRACTICAL.

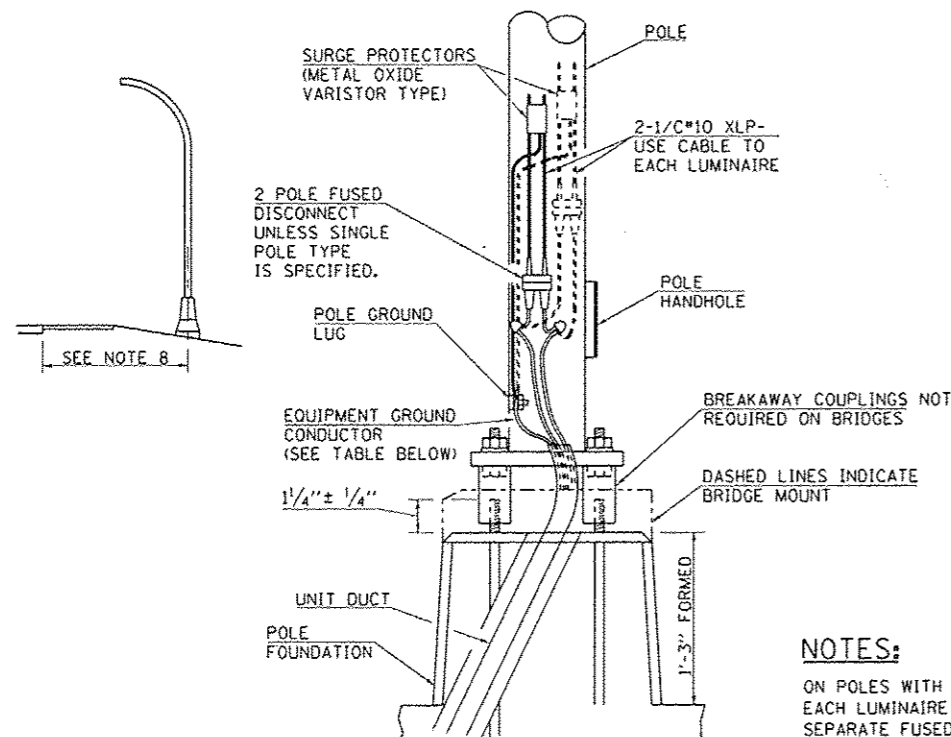
TOP OF FIBER DUCT SHALL BE FLUSH WITH THE TIP OF FOUNDATION FOR DRAINAGE. 5" I.D. TYPE I FIBER OR POLY-STYRENE DUCT WIRING WINDOW.



ALT. FOUNDATION



TYP. COUPLING



BREAKER SIZE	CONDUCTOR SIZE
30 AMP.	#10 COPPER
40 AMP.	#10 COPPER
60 AMP.	#10 COPPER
100 AMP.	#8 COPPER

**NOTES:**

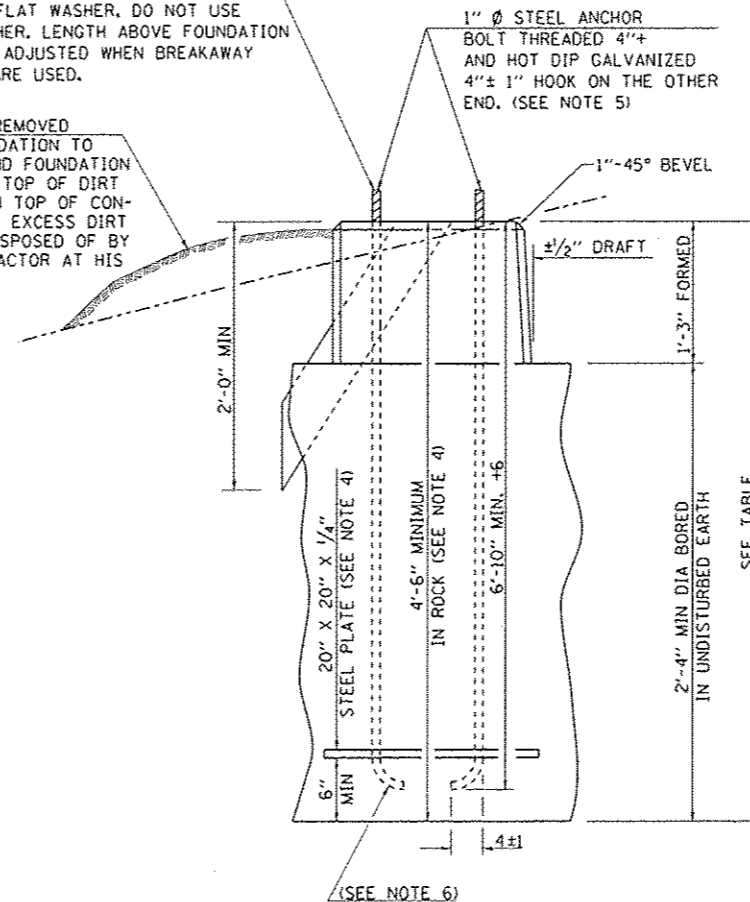
ON POLES WITH TWO LUMINAIRES, EACH LUMINAIRE SHALL HAVE A SEPARATE FUSED DISCONNECT.

**INSTALLATION INSTRUCTIONS:**

SCREW COUPLINGS ON TO ANCHOR BOLTS TO END OF THREADS, LEVEL COUPLINGS, VERY IMPORTANT, AS COUPLINGS WILL BECOME OVERSTRESSED AND EITHER CRACK OR STRIP THREADS INSIDE COUPLING.

ANCHOR BOLT SHALL EXTEND THROUGH NUT 3/8" TO 1". USE SELF-LOCKING NUT AND FLAT WASHER, DO NOT USE LOCK-WASHER. LENGTH ABOVE FOUNDATION SHALL BE ADJUSTED WHEN BREAKAWAY DEVICES ARE USED.

USE DIRT REMOVED FROM FOUNDATION TO FILL AROUND FOUNDATION TOP. MAKE TOP OF DIRT LEVEL WITH TOP OF CONCRETE. ANY EXCESS DIRT WILL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.



METAL OR  CONCRETE

**GENERAL NOTES**

- AFTER POURING CONCRETE, THE FORM SHALL REMAIN UNDISTURBED OVERNIGHT.
- THE TOP 15" ONLY SHALL BE FORMED. CONCRETE BOUNDED BY UNDISTURBED EARTH ONLY SHALL FILL THE REMAINDER OF THE HOLE.
- MINIMUM CLEARANCE FROM THE OUTSIDE EDGE OF FOUNDATION TO ANY PART OF THE POLE BASEPLATE SHALL BE 3".
- THE DEPTH OF THE FOUNDATION MAY BE REDUCED 6" FOR EVERY 12" OF ROCK ENCOUNTERED WITH A MINIMUM DEPTH OF 4'-6". WHEN THE DEPTH OF THE FOUNDATION IS DECREASED TO LESS THAN 6" THE ANCHOR BOLTS SHALL BE CUT, THREADED, AND A STEEL PLATE 20" X 2 0" X 1/4" SHALL BE INSTALLED ON THE ANCHOR BOLTS 6" ABOVE THE BOTTOM OF THE EXCAVATION. THE COST SHALL BE INCIDENTAL TO THE FOUNDATION.
- ON PARAPET WALLS USE 1 1/4" Ø ANCHOR BOLTS. USE SELF-LOCKING NUT AND FLAT WASHER. DO NOT USE LOCKWASHER. (FOR DETAILS SEE STANDARD III/2.35 OF BRIDGE DESIGN MANUAL.
- BEND RADIUS SHALL BE FOUR TIMES BOLT DIAMETER.
- CONNECT GROUND WIRES TO POLE BASE GROUND LUG, NOT ANCHOR BOLTS OR TRANSFORMER BASE.
- LOW MOUNT POLE FOUNDATION SETBACK: FOR HORIZONTAL MOUNTED LUMINAIRES, SETBACK SHALL BE A MINIMUM OF 20' FROM EDGE OF PAVEMENT.

FOR VERTICAL MOUNT LUMINAIRES, SETBACK SHALL BE A MINIMUM OF 30' FROM EDGE OF PAVEMENT. POLES SHALL BE LOCATED 5' BEHIND GUARDRAIL OR OTHER PROTECTIVE BARRIERS, OR AS DIRECTED BY THE ENGINEER.

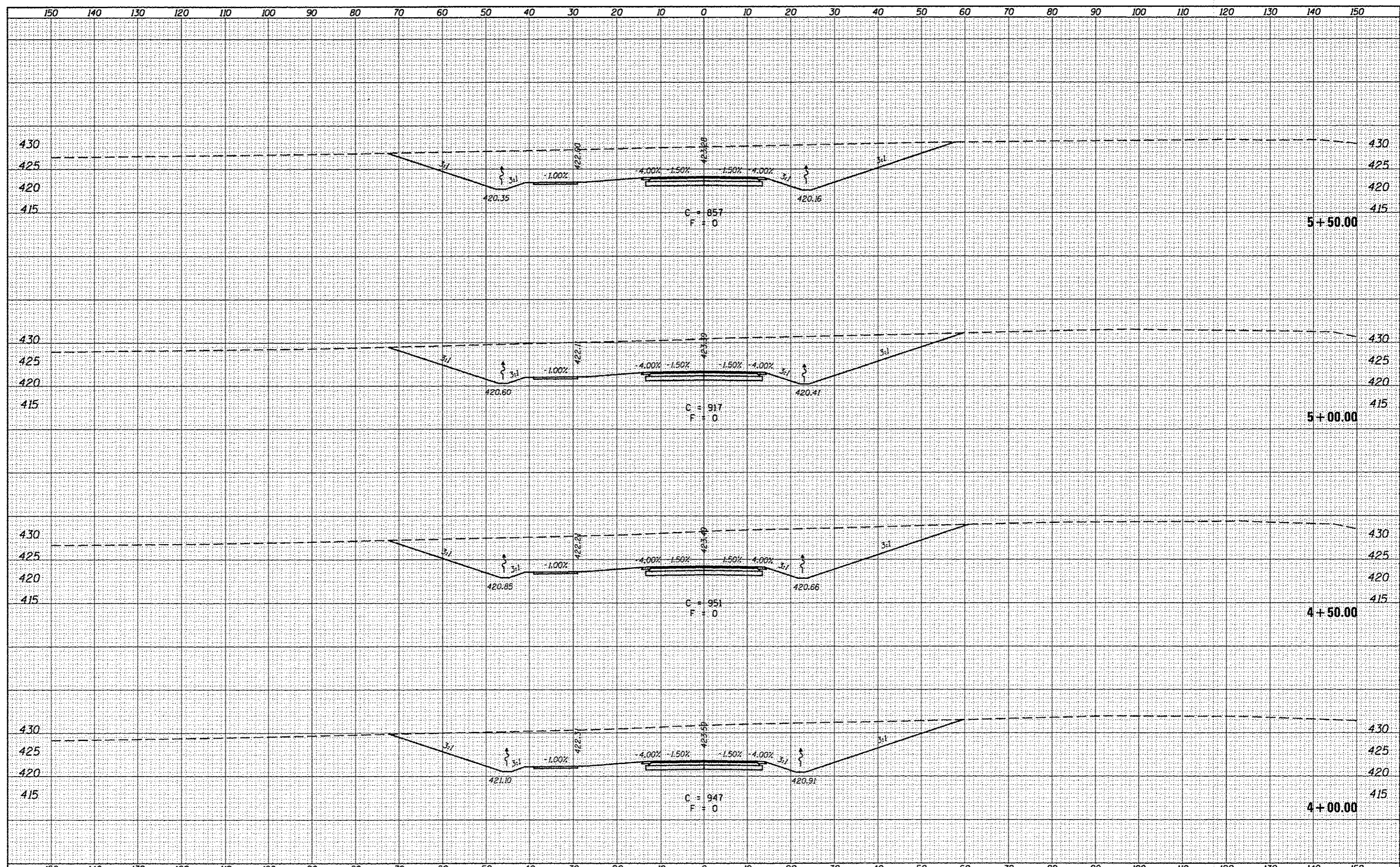
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REVISED	5-13-02
REVISED	01-16-07
RESIZED	05-6-08
REVIEWED	5-17-13





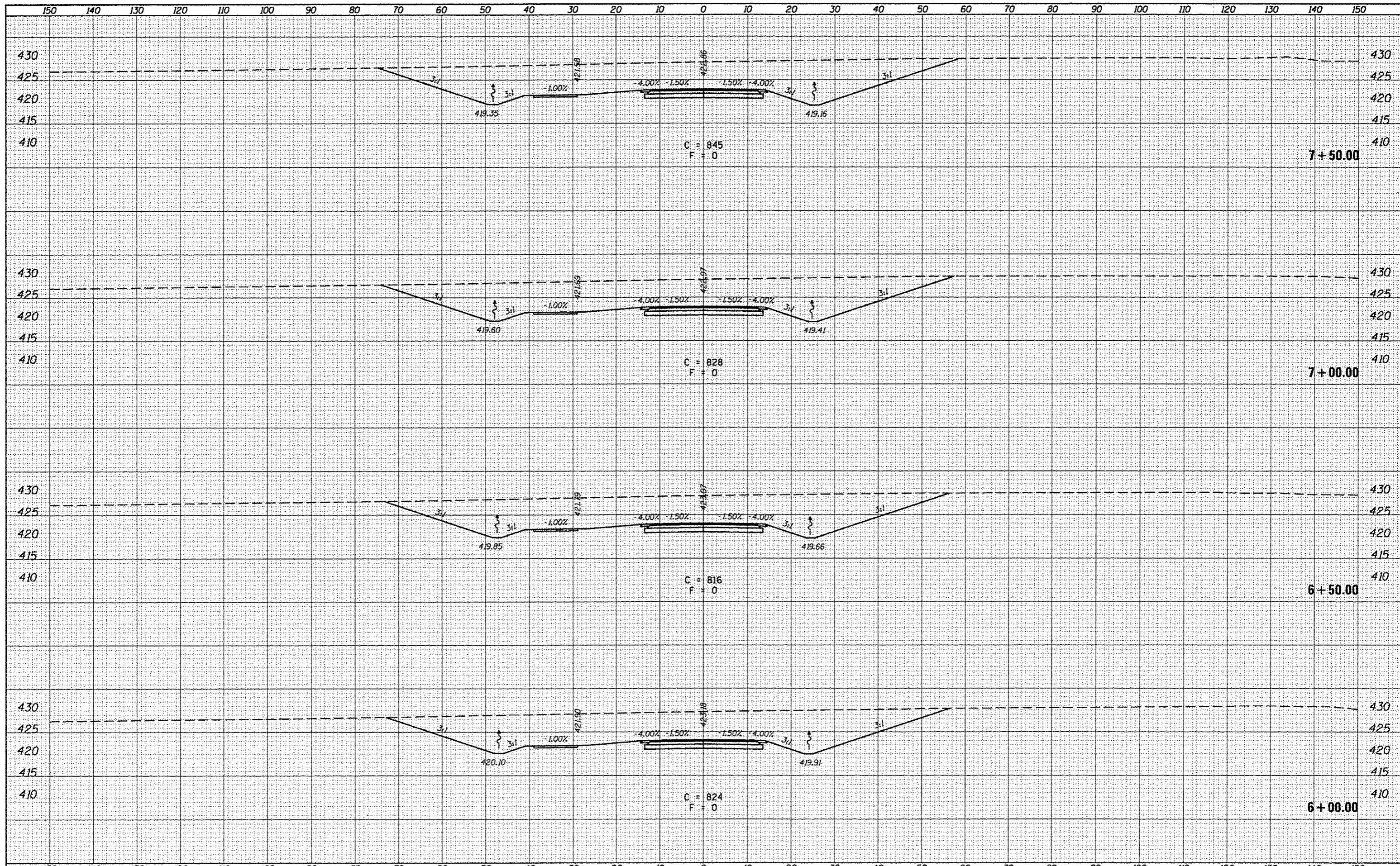
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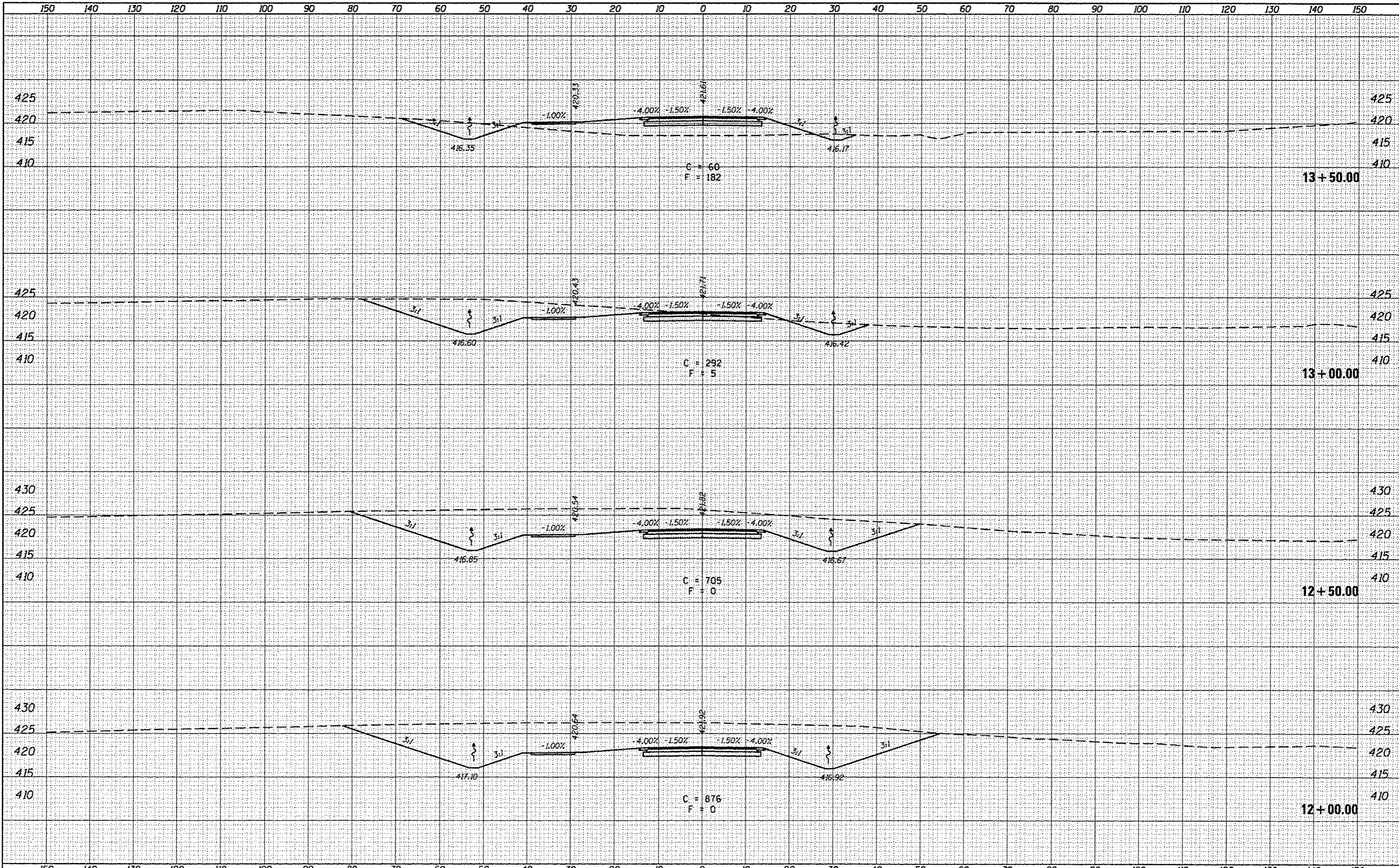


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Mar7-BrandyRoad	PLOT SCALE = 20.0000" = 1'	CHECKED -	REVISED -			331	(1-4)R-6	WILLIAMSON	120	80	
	PLOT DATE = 3/18/2016	DATE -	REVISED -			CONTRACT NO. 78452		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET 4	OF 35 SHEETS	STA. 6+00.00	TO STA. 7+50.00	



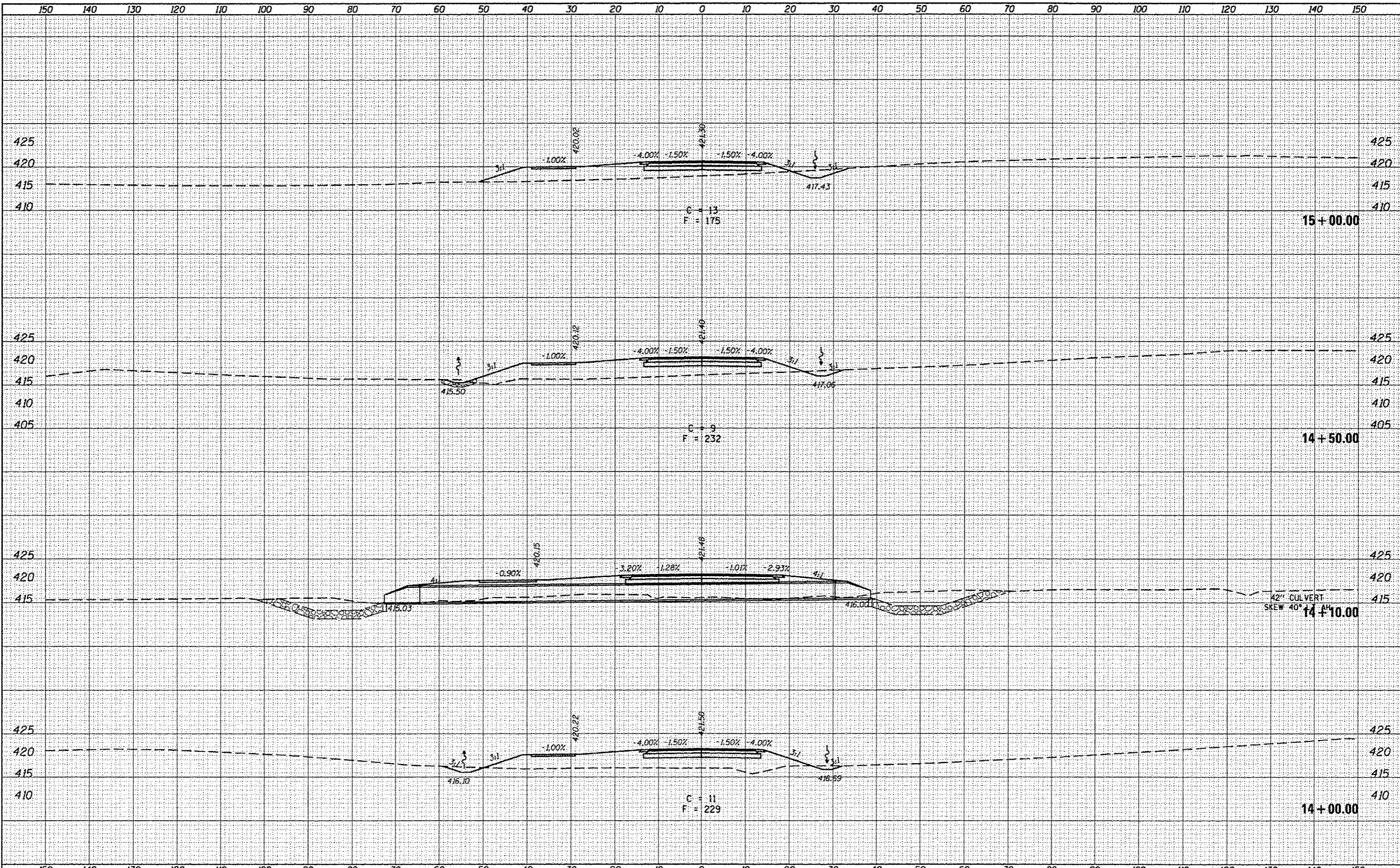






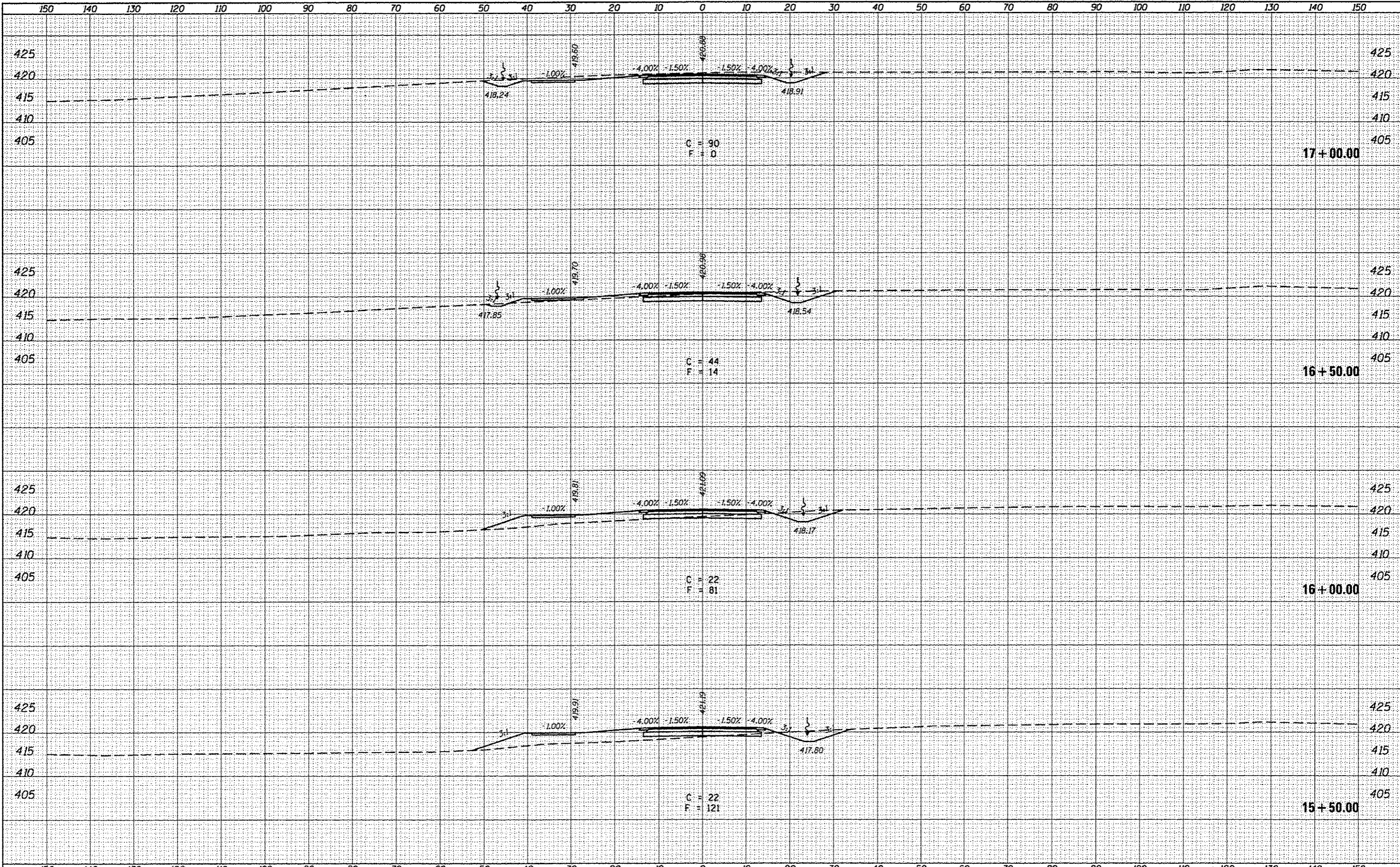
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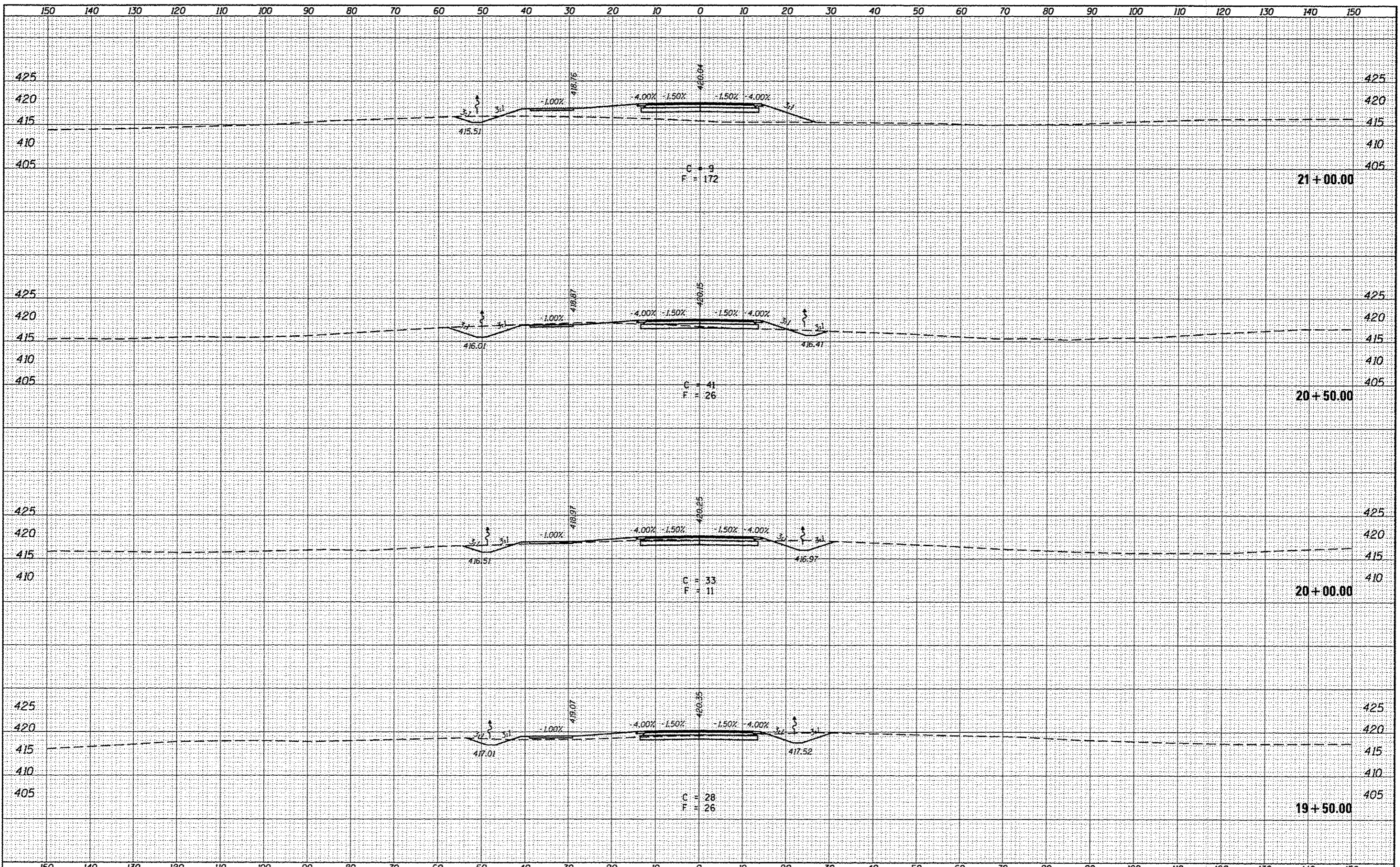
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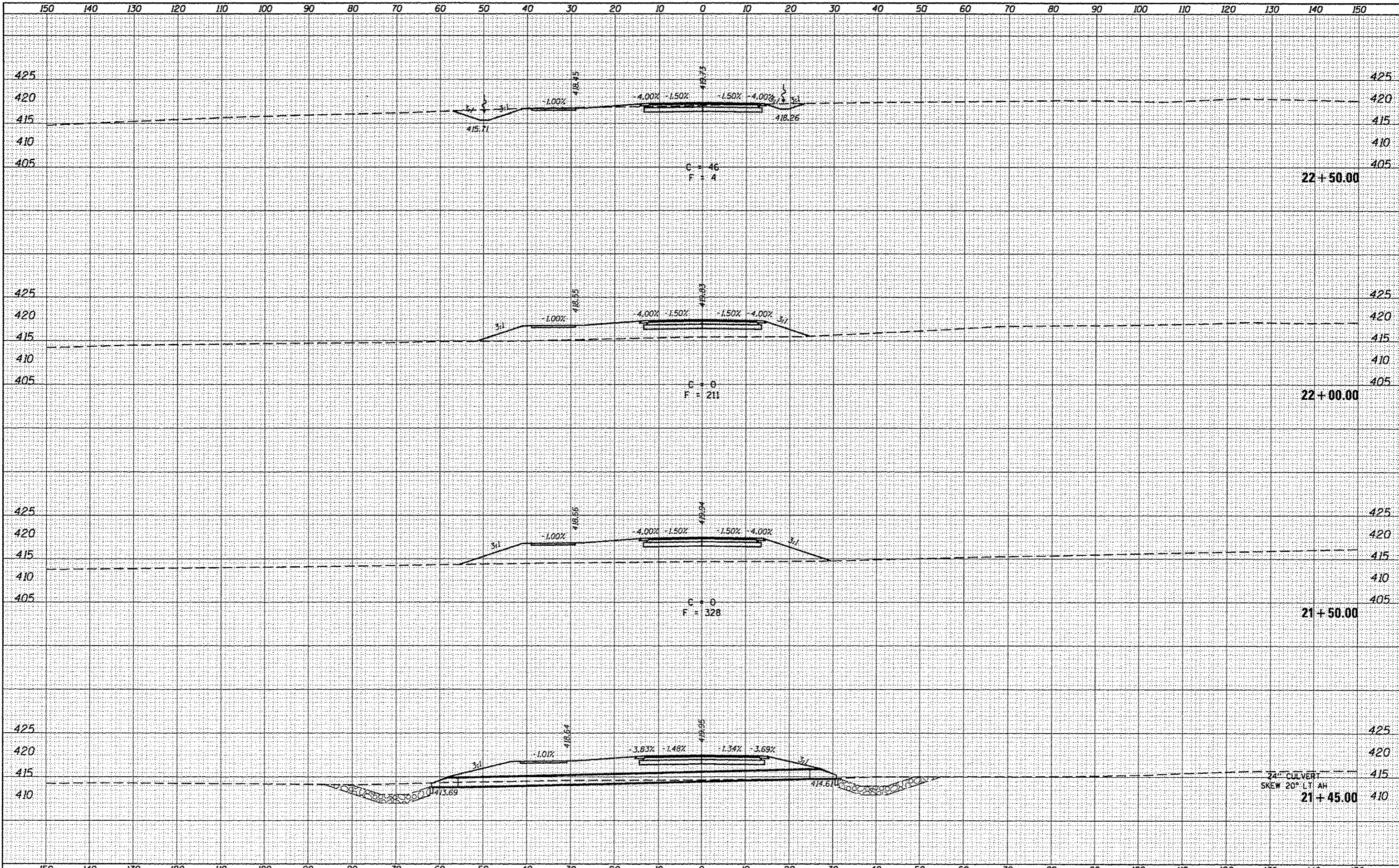
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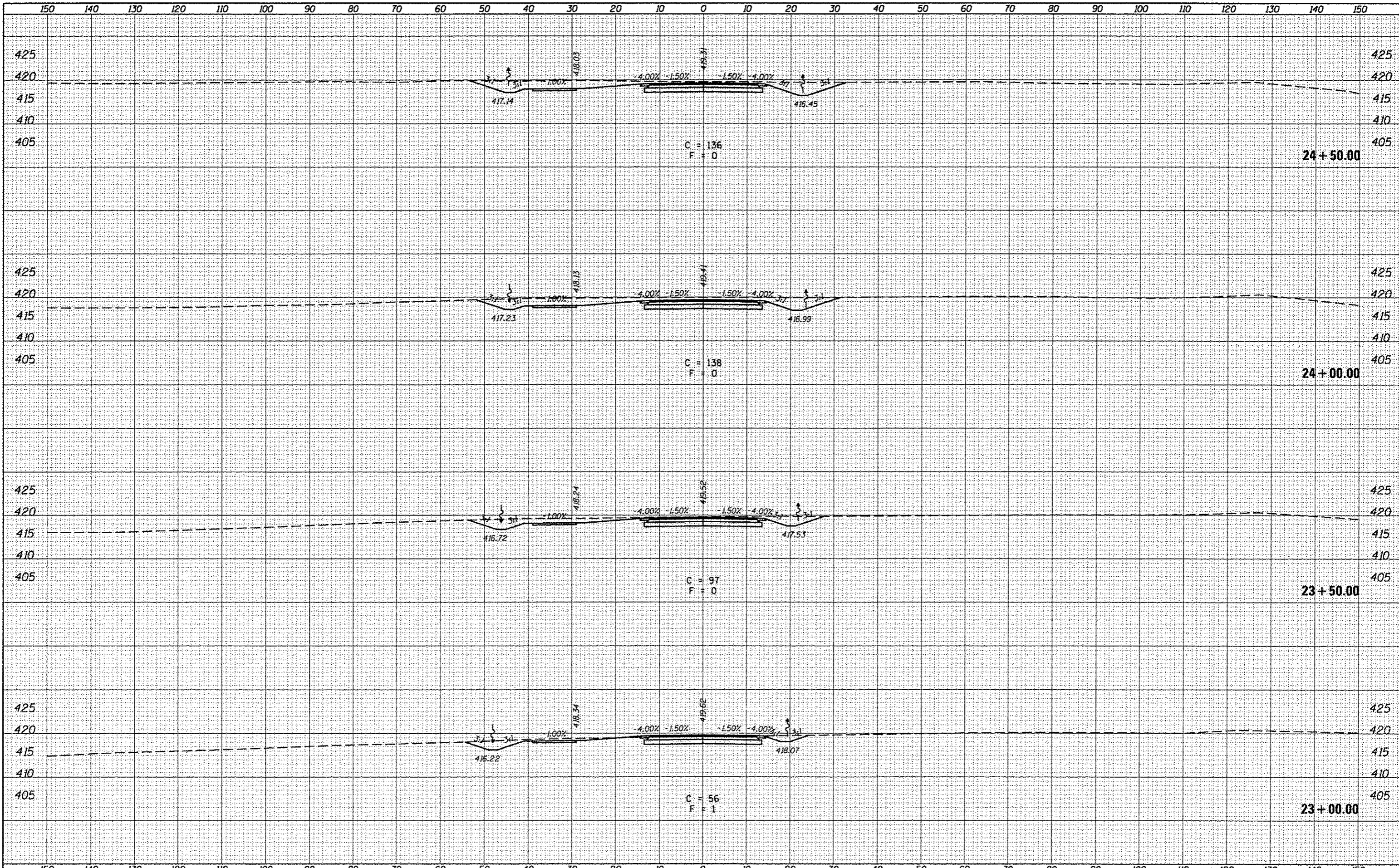
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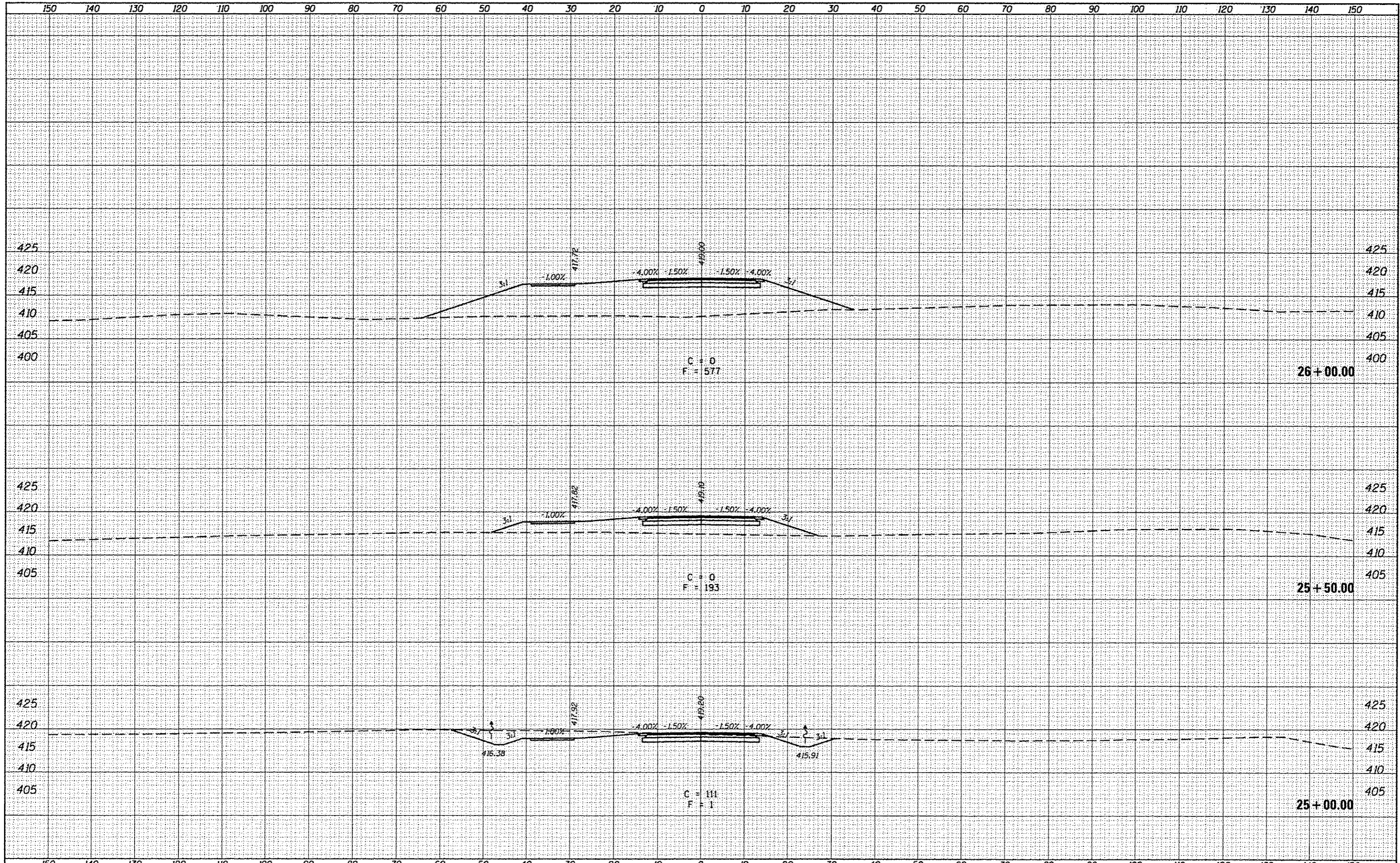
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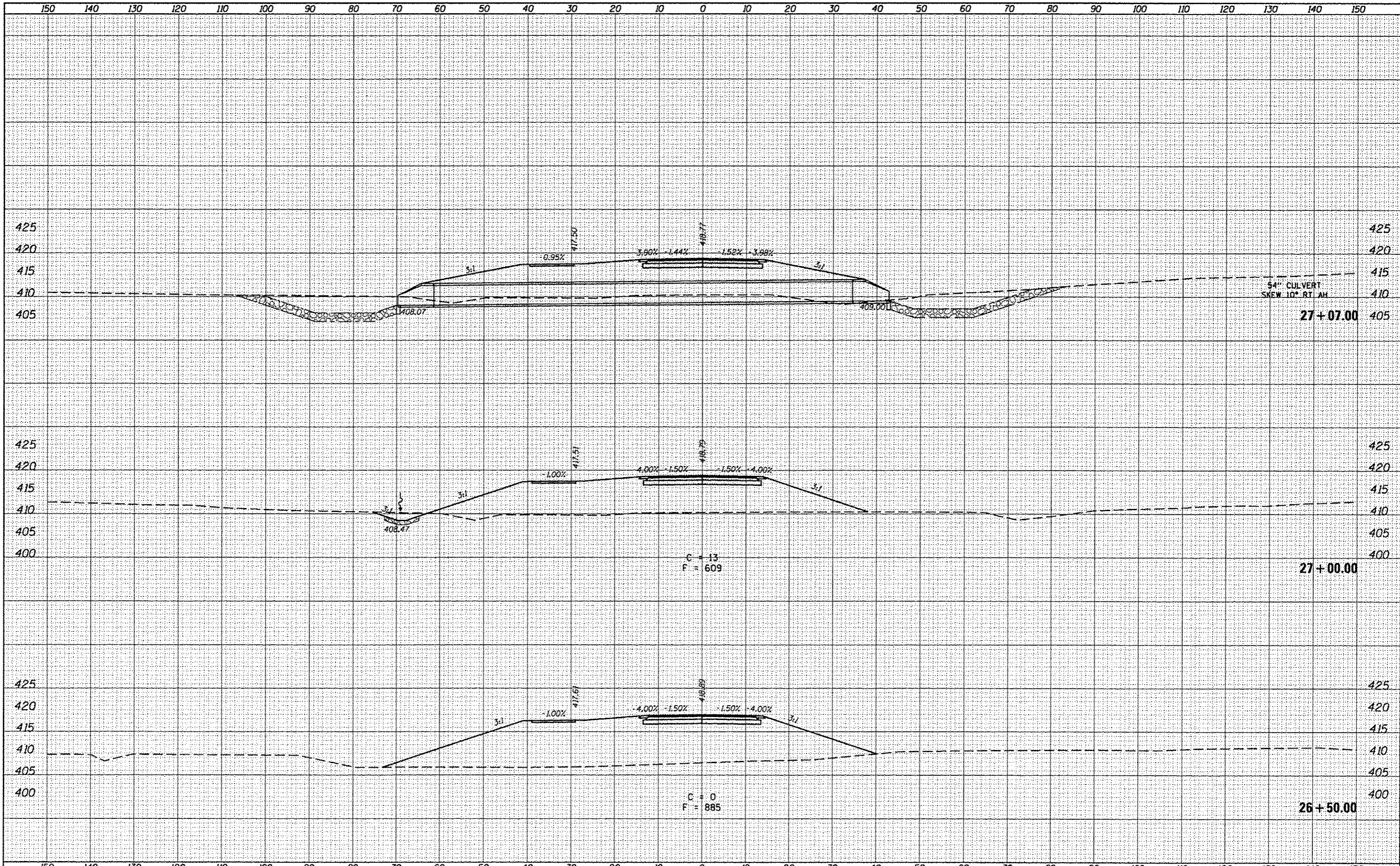


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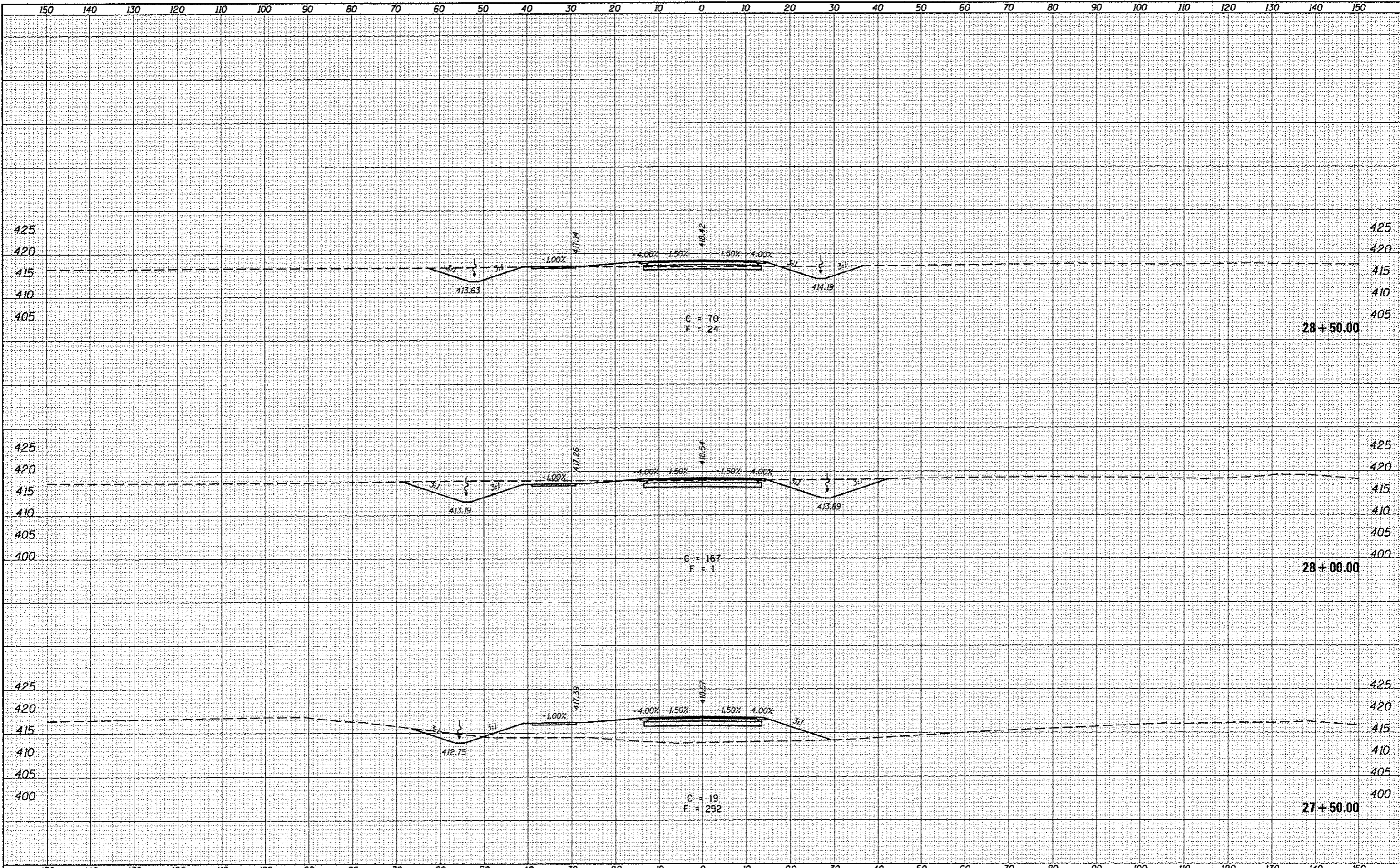
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FILE NAME =	USER NAME = maeabi	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>FRONTAGE ROAD</b>	F.A.P. RTE. 331	SECTION (1-4R-6)	COUNTY WILLIAMSON	TOTAL SHEETS 120	SHEET NO. 91	
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Mar-7-BrandyRoad	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -								
	PLOT DATE = 3/10/2016										

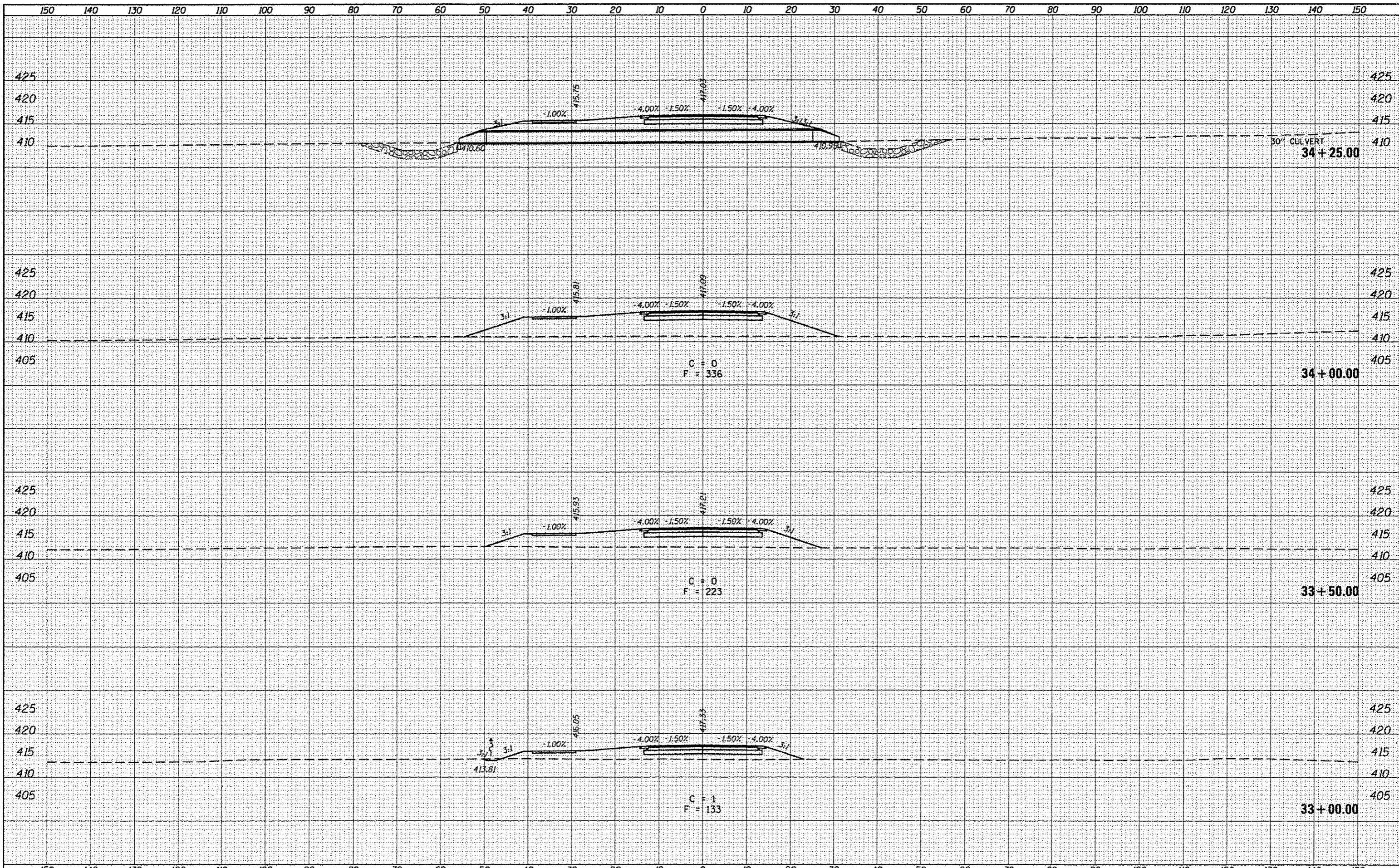


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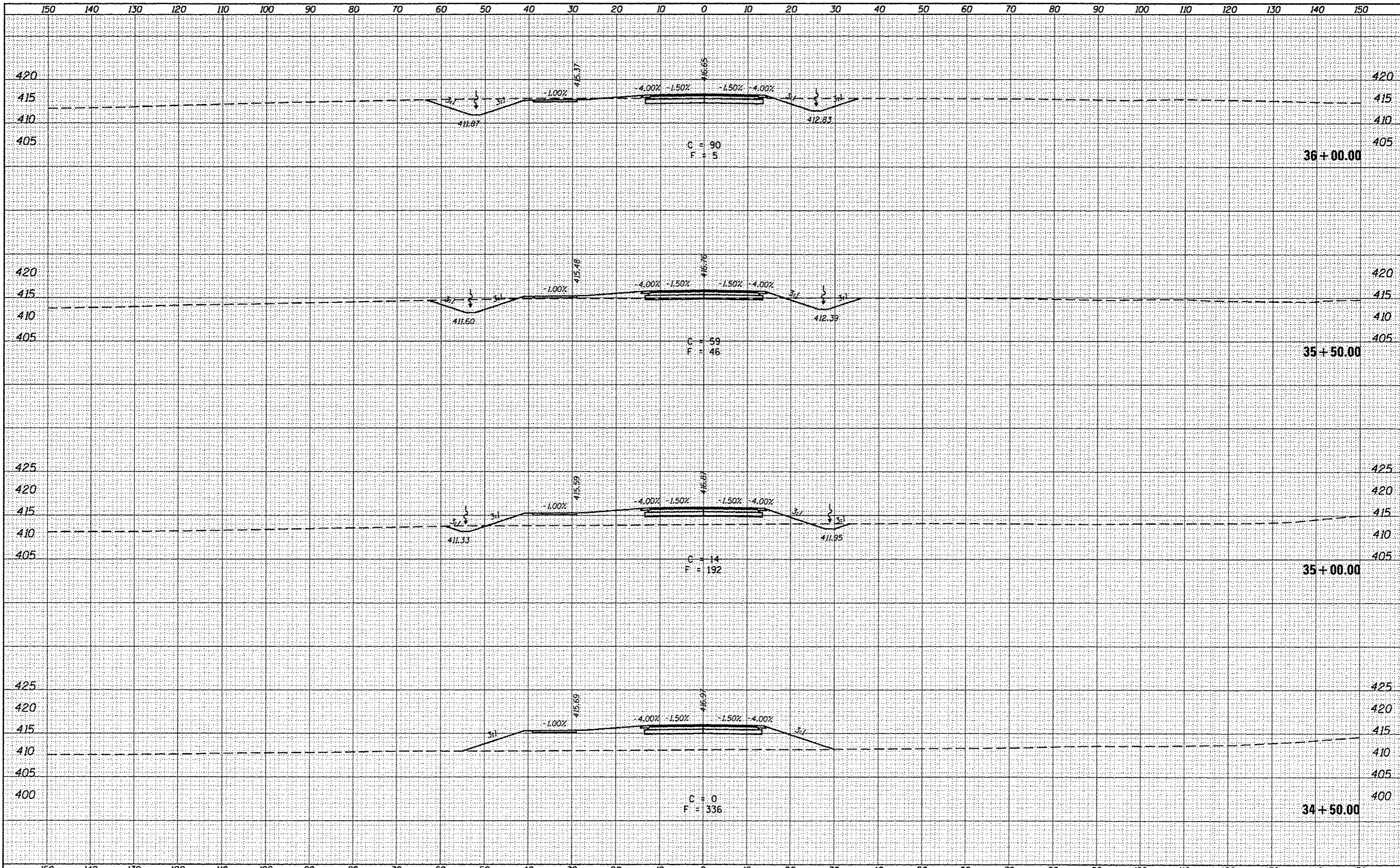






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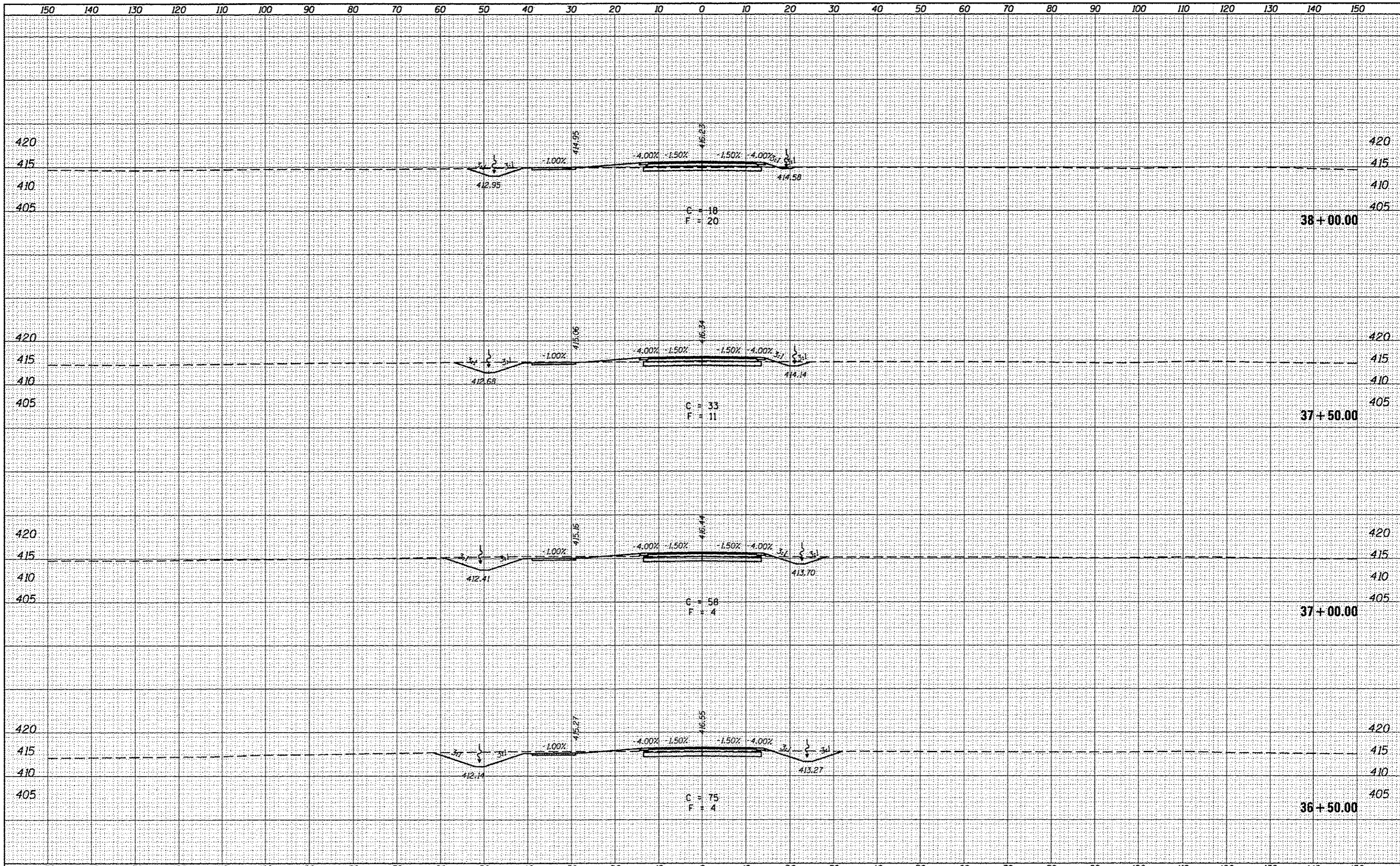
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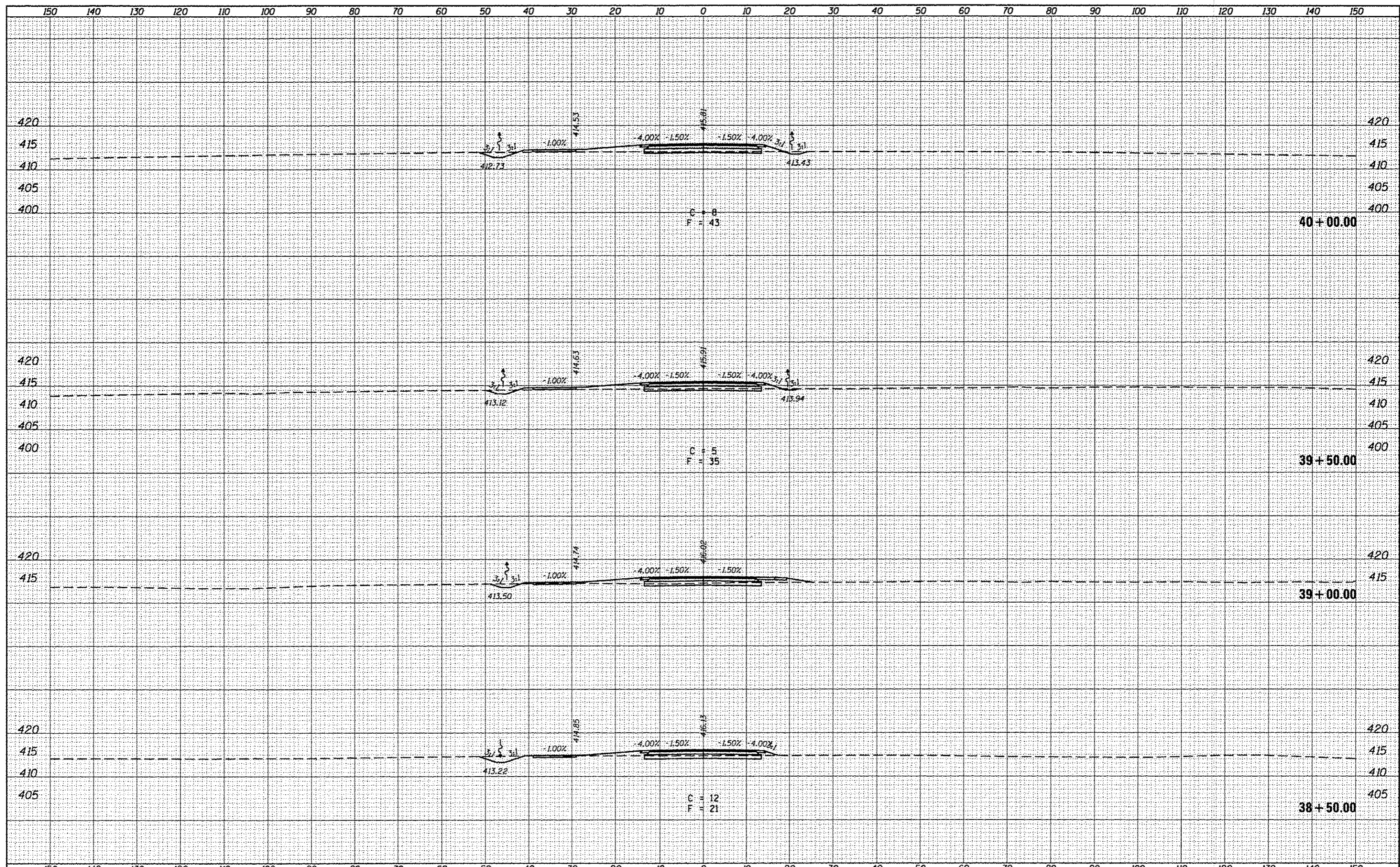
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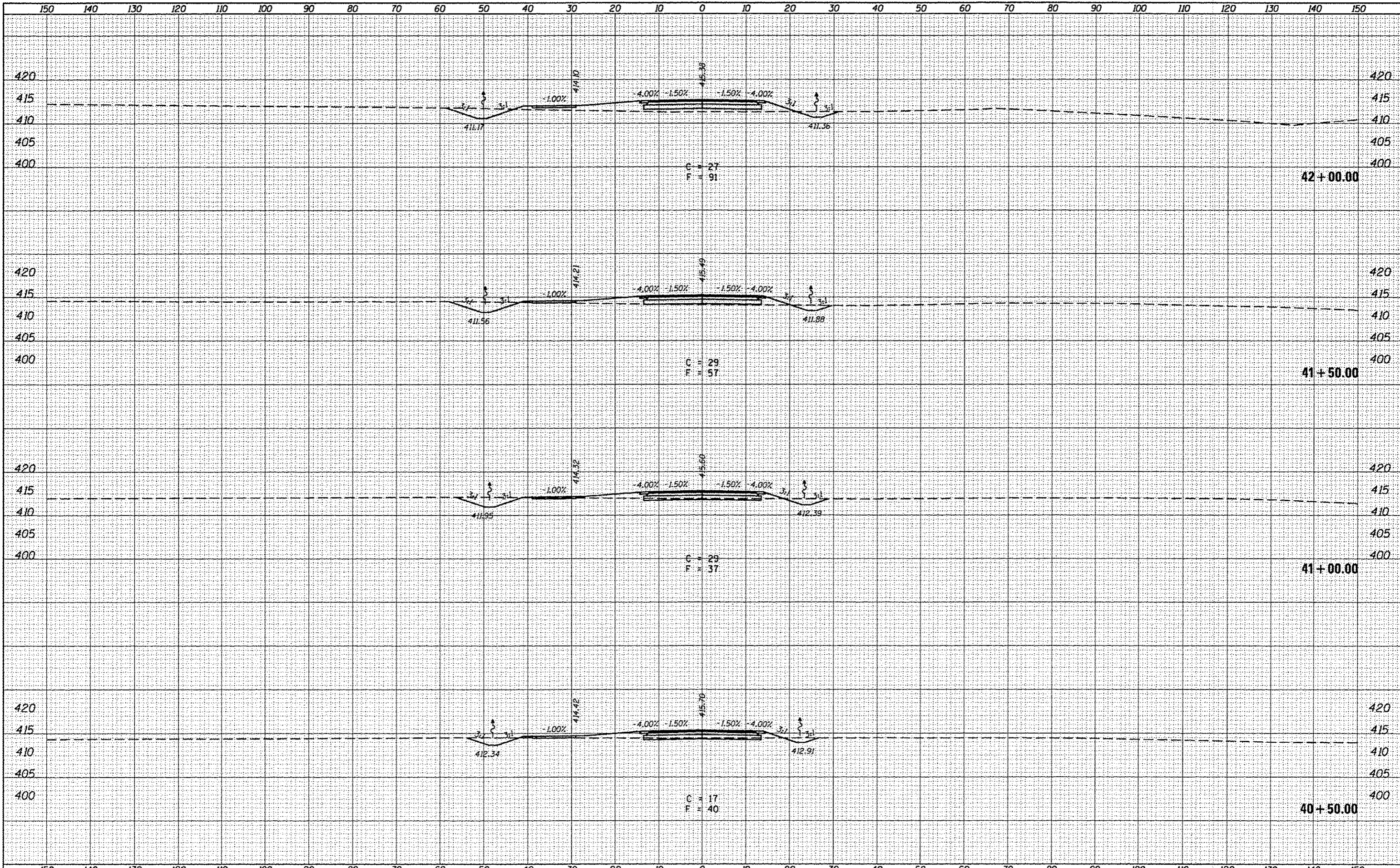
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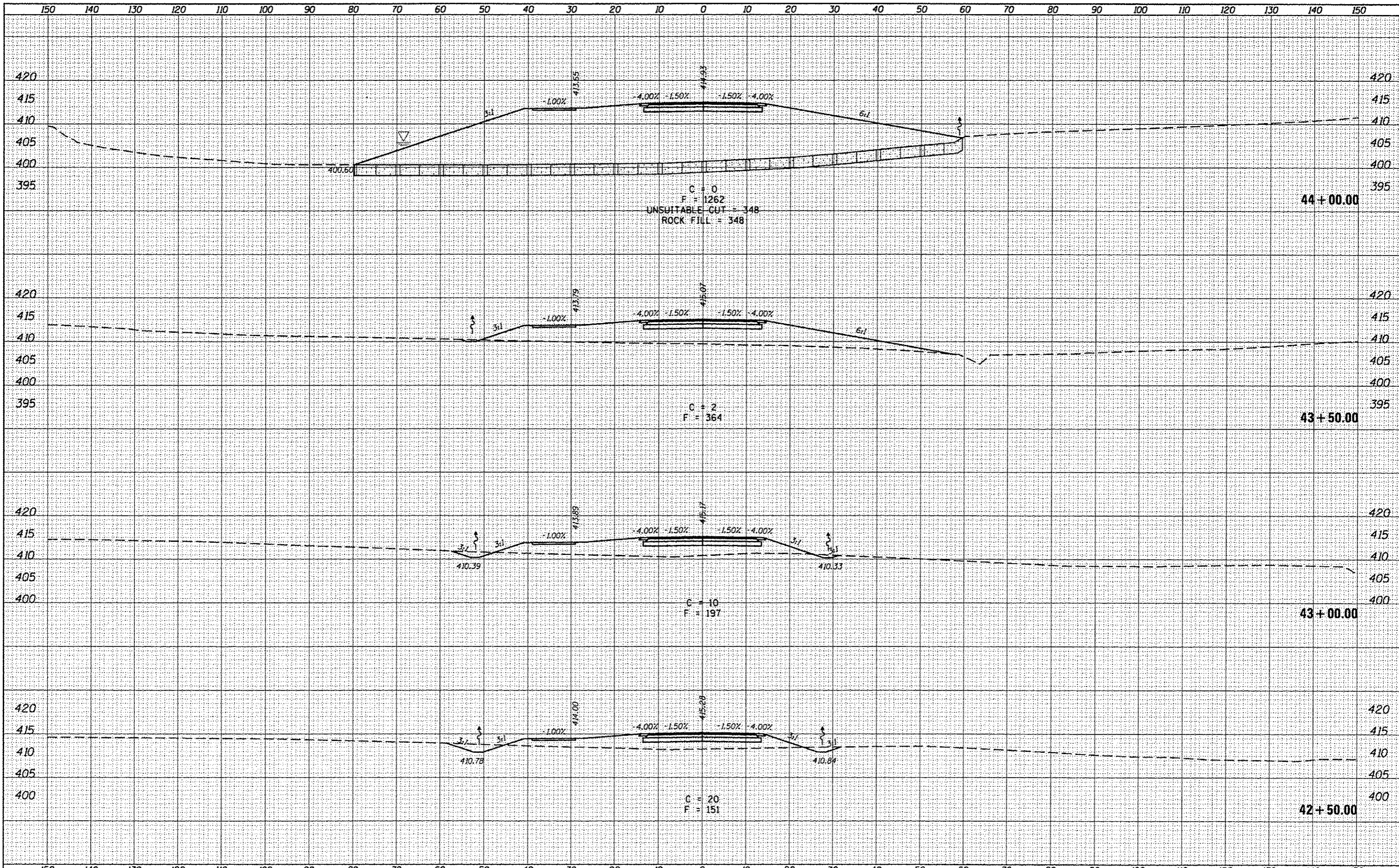
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Mar 7-BrandyRoad	PLT SCALE = 20.0000' / in.	DATE -	REVISED -			CONTRACT NO. 78452				
	PLT DATE = 3/18/2016					ILLINOIS FED. AID PROJECT				

SCALE: SHEET 22 OF 35 SHEETS STA. 38+25.00 TO STA. 39+25.00



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