

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	1
FED. ROAD DIST. NO 1		ILLINOIS	CONTRACT NO. 61F80	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

TRAFFIC DATA

ADT: CURRAN ROAD 2017 TRAFFIC 5,950 VPD

ROADWAY SPEED POSTED DESIGN SPEED
CURRAN ROAD 35 MPH 35 MPH

DESIGN DESIGNATION

FAU 0084 (CURRAN ROAD) - MAJOR COLLECTOR

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811

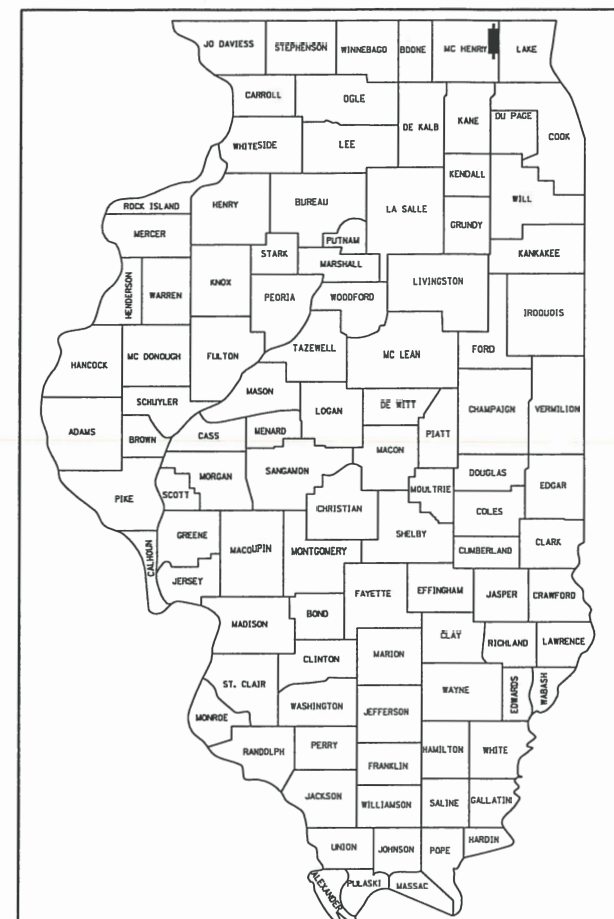


Know what's below.
Call before you dig.

PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

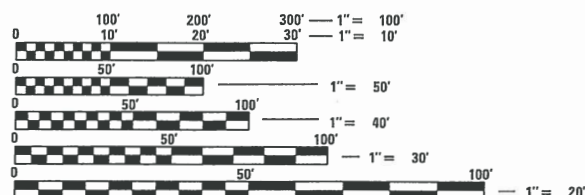
FAU 0084 (CURRAN ROAD)
ILLINOIS ROUTE 120 (FAP 333) TO OJIBWA LANE
ROADWAY AND SAFETY IMPROVEMENTS

SECTION: 15-00082-00-SP
PROJECT: 2713(799)
CITY OF MCHENRY
MCHENRY COUNTY
C-91-204-16

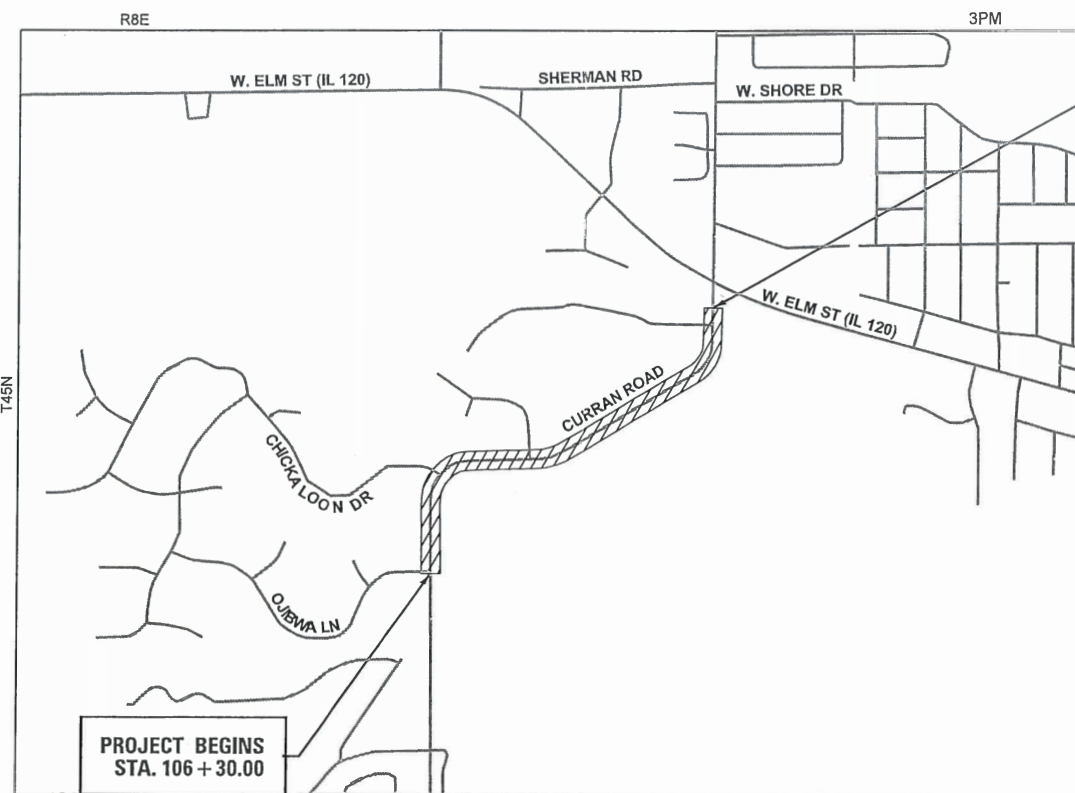


LOCATION OF SECTION INDICATED THUS: - [rectangle] -

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



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



PROJECT LOCATION MAP
MCHENRY COUNTY, ILLINOIS
N.T.S.

PROJECT LENGTH

NET AND GROSS LENGTH OF PROJECT = 4,295 FT. = 0.813 MILES

PROJECT ENDS
STA. 149 + 25.00



SEAL
BENJAMIN D. HARTMAN, P.E.
EXPIRES: 11-30-19



420 NORTH FRONT STREET, SUITE 100 | MCHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 3-1-2019
[Signature]
DIRECTOR OF PUBLIC WORKS, CITY OF MCHENRY

PASSED 3/14/2019
[Signature]
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW MARCH 14 2019
[Signature]
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: B. HARTMAN
PROJECT MANAGER: A. CHAUDHRY
CONTRACT NO. 61F80

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

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	ALIGNMENT & TIES
7 - 8	REMOVAL PLANS
9 - 12	PLAN AND PROFILES
13 - 14	EROSION CONTROL PLANS
15 - 16	PAVEMENT MARKING PLANS
17	SUPERELEVATION TRANSITION DIAGRAMS
18 - 23	DISTRICT ONE DETAILS
24 - 29	CROSS SECTIONS

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		

DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-gen-01.dgn
 FILE NAME: #06600-sht-gen-01.ctb
 PEN TABLE:



USER NAME = bhartna	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STATE STANDARDS CURRAN ROAD IMPROVEMENTS

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	2
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F80	

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS AND SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE IN THE PORTION REMAINING.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE CITY OF MCHENRY AND SHALL BE RETURNED TO THE CITY (1415 INDUSTRIAL DRIVE) UPON REMOVAL.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN CONSENT FROM THE CITY OF MCHENRY.
- HOT-MIX ASPHALT MATERIAL RESULTING FROM MILLING OPERATIONS WILL NOT BE ALLOWED TO BE USED AS FILL MATERIAL.
- ALL CURB AND GUTTER THAT IS CURRENTLY OVERLAID WITH ASPHALT MATERIAL WILL BE REMOVED DURING MILLING OPERATIONS AND PAID FOR WITH HOT-MIX ASPHALT SURFACE REMOVAL 3-3/4" PAY ITEM.

STORM SEWERS, SANITARY SEWER, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF MCHENRY IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY WITHIN THE DURATION OF THE CONTRACT.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO THE USE OF THE WATER.

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING "FRESH OIL" SIGNS (48"X48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK. THE SIGNS SHALL READ "FRESH OIL, TRAVEL AT YOUR OWN RISK." THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.

SEDIMENTATION AND EROSION CONTROL

- CONTROL MEASURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL (WWW.AISWCD.ORG/IUM) UNLESS STATED OTHERWISE.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.
- OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED BELOW: A) WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE; AND B) IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.
- DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKED IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR AN EQUIVALENT CONTROL MEASURE.
- PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- THE STORMWATER MANAGEMENT SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS. CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- IF DEWATERING SERVICES ARE USED, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP OR AN EQUIVALENT CONTROL MEASURE). THE ENFORCEMENT OFFICER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE DEVELOPMENT SITE IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO: A) MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER; AND B) MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.
- ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITING OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE APPLICANT SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- THE ENFORCEMENT OFFICER MAY REQUIRE ADDITIONAL OR ALTERNATE SOIL EROSION AND SEDIMENT CONTROL MEASURES, BASED ON DEVELOPMENT SITE SPECIFIC CONSIDERATIONS AND THE EFFECTIVENESS OF THE INSTALLED CONTROL MEASURES.

SUGGESTED SEQUENCE OF CONSTRUCTION

- INSTALL PERIMETER EROSION BARRIER (PEB) AT LOCATIONS THAT WILL BE IMPACTED BY CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN PEB AS INDICATED ON THE PLANS PRIOR TO BEGINNING ANY CONSTRUCTION
- EXISTING PAVEMENT TO BE MILLED TO DEPTH INDICATED ON THE PLAN SHEETS
- INITIAL HOT-MIX ASPHALT BINDER COURSE TO BE INSTALLED PER PROPOSED SUPERELEVATION DETAILS
- HOT-MIX ASPHALT BINDER COURSE TO BE PLACED ALONG ENTIRE WIDTH OF PAVEMENT
- HOT-MIX ASPHALT SURFACE COURSE TO BE PLACED ALONG ENTIRE WIDTH OF PAVEMENT
- PROPOSED SHOULDERS AND DITCHES TO BE INSTALLED AND GRADED AS INDICATED ON THE TYPICAL SECTION AND CROSS SECTION SHEETS
- INSTALL FINAL SEEDING ON FINAL GRADED EARTH. THE SEEDING SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OR CESSATION OF DISTURBANCE FOR 14 DAYS, AND THE INSTALLATION SHALL BE COMPLETED BY THE 14TH DAY AFTER NO DISTURBANCE
- PERFORM ONGOING MAINTENANCE OF EROSION CONTROL DEVICES

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

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE	
	NOTAT THIS OFFICE	
	BY	

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-spt-gem-02.dgn
 FILE NAME: #06600-spt-gem-02.dgn
 PEN TABLE: #06600-spt-gem-02.dgn



USER NAME = bhar-ta	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES			
CURRAN ROAD IMPROVEMENTS			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F80	

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	

HRG PROJECT NO.: 180600
 HRG PROJ. CONTACT: 180600-str-sum.dgn
 FILE NAME: 180600-str-sum.dgn
 PLOT DRIVER: 180600-str-sum.dgn
 PER TABLE: 180600-str-sum.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY HSIP 90% FED 10% CITY 0005
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	34	34
20400800	FURNISHED EXCAVATION	CU YD	288	288
20800150	TRENCH BACKFILL	CU YD	16	16
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	9,961	9,961
25000210	SEEDING, CLASS 2A	ACRE	1.75	1.75
25000314	SEEDING, CLASS 4B	ACRE	0.50	0.50
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	394	394
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	394	394
25100630	EROSION CONTROL BLANKET	SO YD	9,961	9,961
28000305	TEMPORARY DITCH CHECKS	FOOT	54	54
28000400	PERIMETER EROSION BARRIER	FOOT	7,541	7,541
28100705	STONE DUMPED RIPRAP, CLASS A3	SO YD	3	3
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,929	1,929
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8,699	8,699
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	144	144
* 40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	7	7
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,117	2,117
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,336	1,336
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	12,886	12,886
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	29	29
* 44002215	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4"	SO YD	30	30
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SO YD	129	129
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SO YD	129	129
48101200	AGGREGATE SHOULDERS, TYPE B	TON	259	259
48203013	HOT-MIX ASPHALT SHOULDERS, 4"	SO YD	856	856
542C1069	PIPE CULVERTS, CLASS C, TYPE 2 24"	FOOT	52	52
54390230	INSERTION CULVERT LINER 36"	FOOT	55	55
+ 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	813	813
+ 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	38	38

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY HSIP 90% FED 10% CITY 0005
+ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	3,466	3,466
67100100	MOBILIZATION	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,117	2,117
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	706	706
+ 72000100	SIGN PANEL - TYPE 1	SO FT	199	199
+ 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	67	67
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	392	392
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	37	37
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,793	17,793
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	180	180
* Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SO YD	29	29
* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
* Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51	51

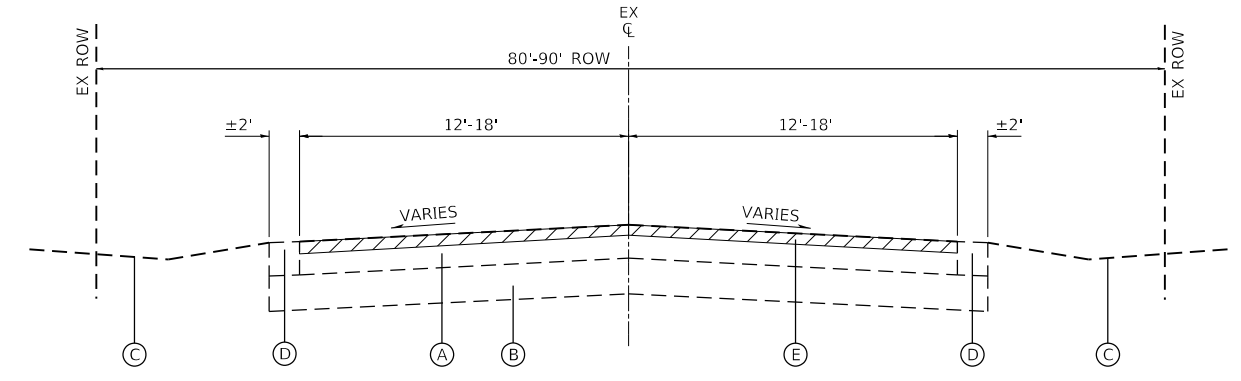
+ SPECIALTY ITEM
 * SPECIAL PROVISION

HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = bhertma DESIGNED - BH DRAWN - DMS CHECKED - AC PLOT DATE = 3/29/2019	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES CURRAN ROAD IMPROVEMENTS	F.A.U. RTE. 0084 SECTION NO. 15-00082-00-SP COUNTY MCHENRY TOTAL SHEETS 29 SHEET NO. 4	CONTRACT NO. 61F80
	SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

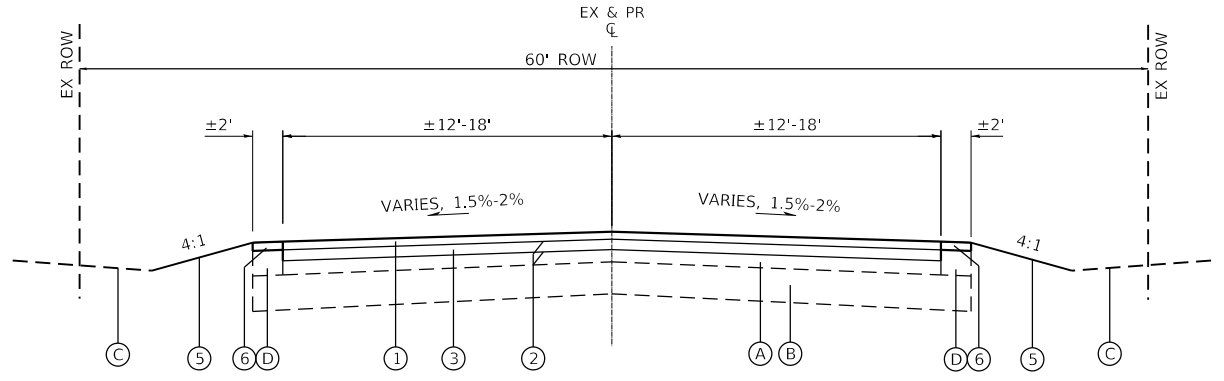
DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOT AT THIS OFFICE	
NO.	
PROFILE	
NOTE BOOK	
NO.	

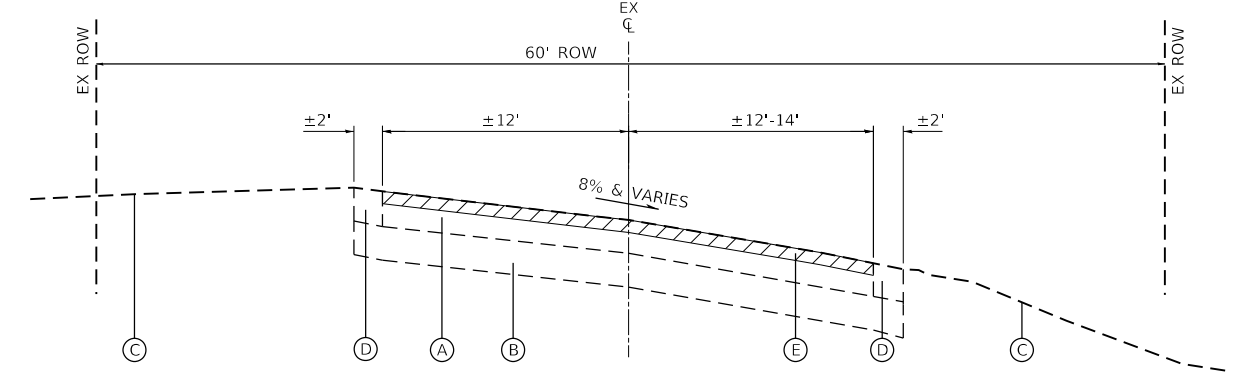
HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-snt-typ-01.dgn
 FILE NAME: #06600-15-0082-00-SP.dwg
 PEN TABLE: p06tbl01.tbl



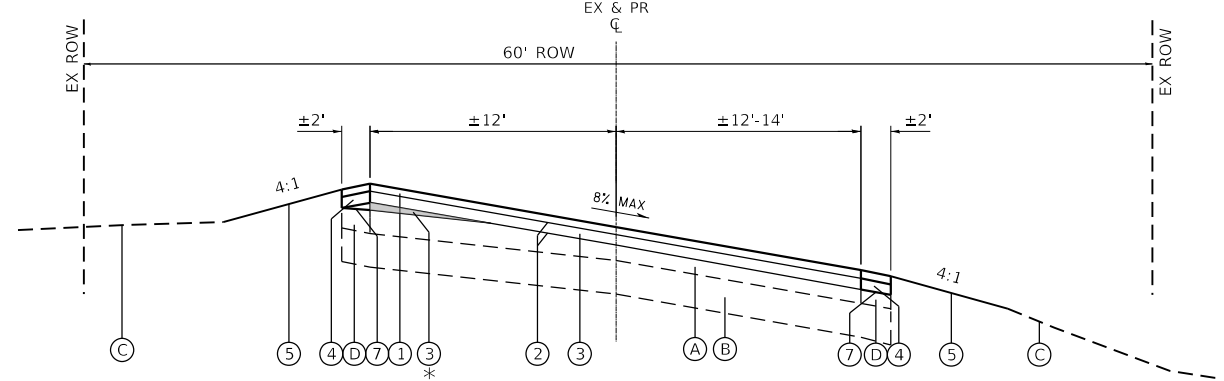
EXISTING TYPICAL SECTION
 STA. 106+30.00 TO STA. 113+30.00 - CURRAN ROAD
 STA. 121+50.00 TO STA. 125+71.00 - CURRAN ROAD
 STA. 130+15.00 TO STA. 142+72.00 - CURRAN ROAD



PROPOSED TYPICAL SECTION
 STA. 106+30.00 TO STA. 113+30.00 - CURRAN ROAD
 STA. 121+50.00 TO STA. 125+71.00 - CURRAN ROAD
 STA. 130+15.00 TO STA. 142+72.00 - CURRAN ROAD

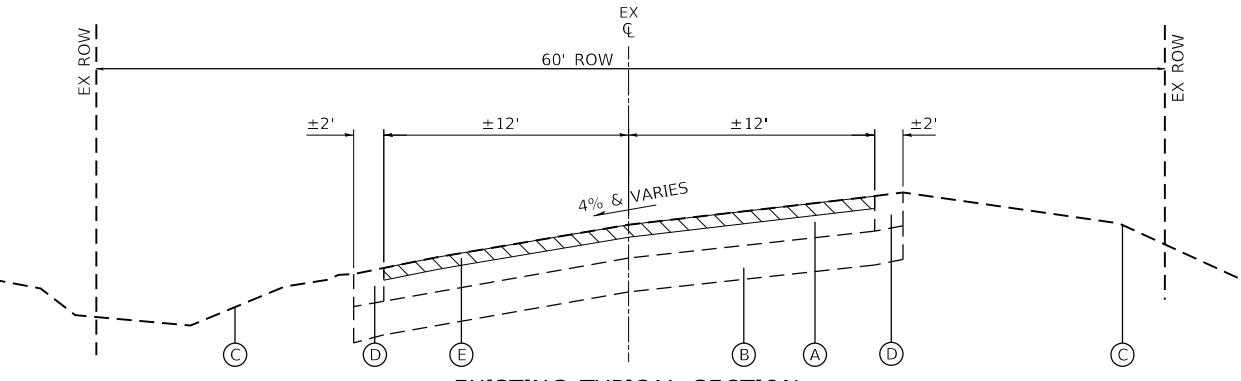


EXISTING TYPICAL SECTION
 STA. 113+30 TO STA. 121+50 - CURRAN ROAD

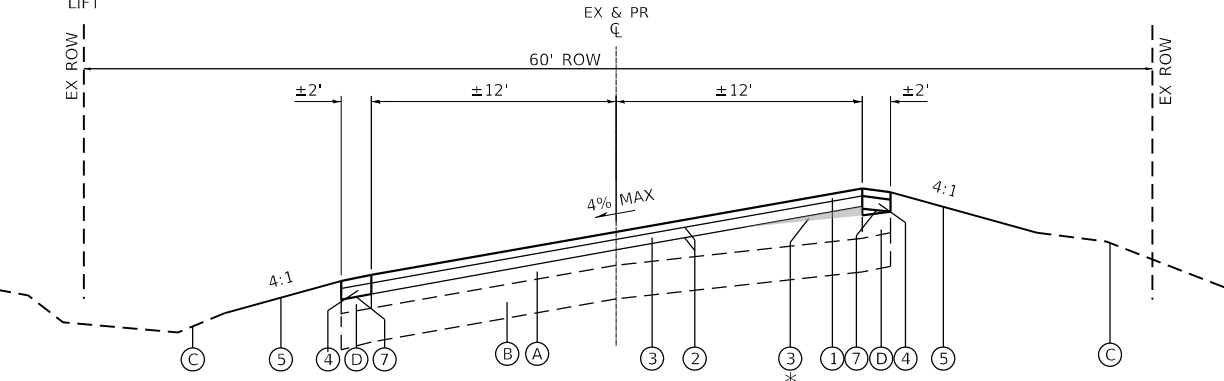


PROPOSED TYPICAL SECTION
 STA. 113+30 TO STA. 121+50 - CURRAN ROAD

* APPROX. STA 118+50 TO STA. 121+50
 VAR. THICK HMA BINDER COURSE
 INSTALLED PRIOR TO FIRST ASPHALT
 LIFT



EXISTING TYPICAL SECTION
 STA 125+71 TO STA 130+15 - CURRAN ROAD
 STA 142+72 TO STA 148+10 - CURRAN ROAD



PROPOSED TYPICAL SECTION
 STA 125+71 TO STA 130+15 - CURRAN ROAD
 STA 142+72 TO STA 148+10 - CURRAN ROAD

* APPROX. STA 145+00 TO STA. 147+00
 VAR. THICK HMA BINDER COURSE
 INSTALLED PRIOR TO FIRST ASPHALT
 LIFT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SHOULDERS 4"	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 1 3/4"	4% @ 50 GYR.
HMA BINDER IL-19.0; 2 1/4"	4% @ 50 GYR.
ROADWAY	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 1 3/4"	4% @ 50 GYR.
HMA BINDER COURSE, N50 (IL-19.0mm); 2 1/4"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm); 6"	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 3" (IN 2 LIFTS)	4% @ 50 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

CONTRACTOR SHALL MILL BEFORE PATCHING, EXCEPT FOR PATCHING USED FOR DRAINAGE IMPROVEMENTS.

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT, 8"±
- (B) EXISTING AGGREGATE BASE COURSE, 12"±
- (C) EXISTING GROUND
- (D) EXISTING AGGREGATE SHOULDER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- (F) EARTH EX WIDENING

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1-3/4"
- (2) BITUMINOUS MATERIALS (TACK COAT)
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/4"
- (4) HMA SHOULDER, 4"
- (5) TOPSOIL FURNISH AND PLACE, 4", SEEDING
- (6) AGGREGATE SHOULDER, TYPE B
- (7) BITUMINOUS MATERIALS (PRIME COAT)



USER NAME = bhartma	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

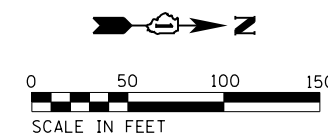
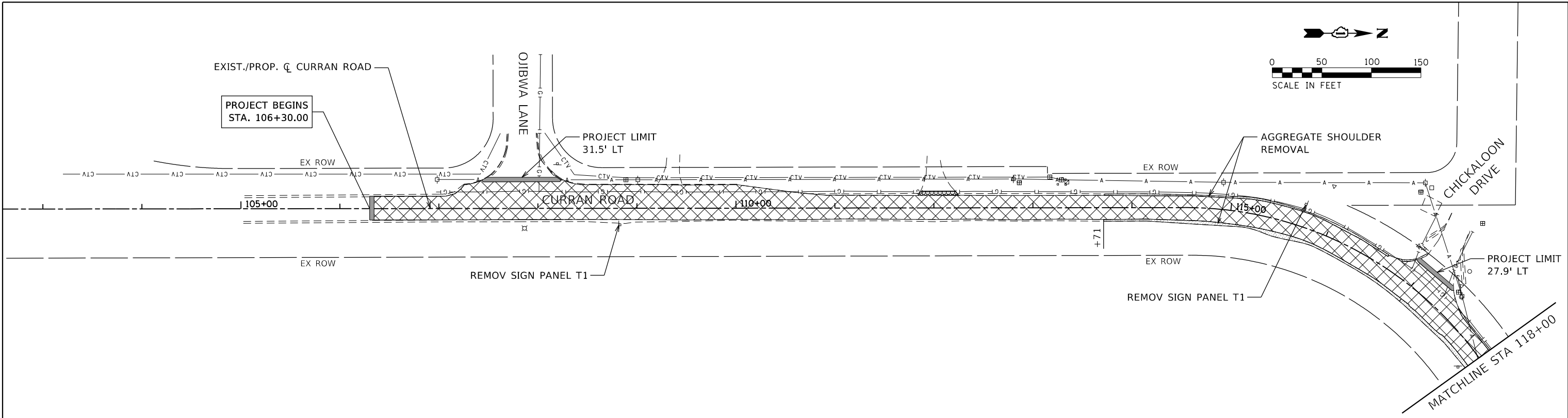
EXISTING & PROPOSED TYPICAL SECTIONS CURRAN ROAD IMPROVEMENTS	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F80	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO. BOOK	
	NO.	

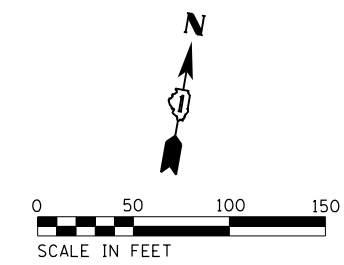
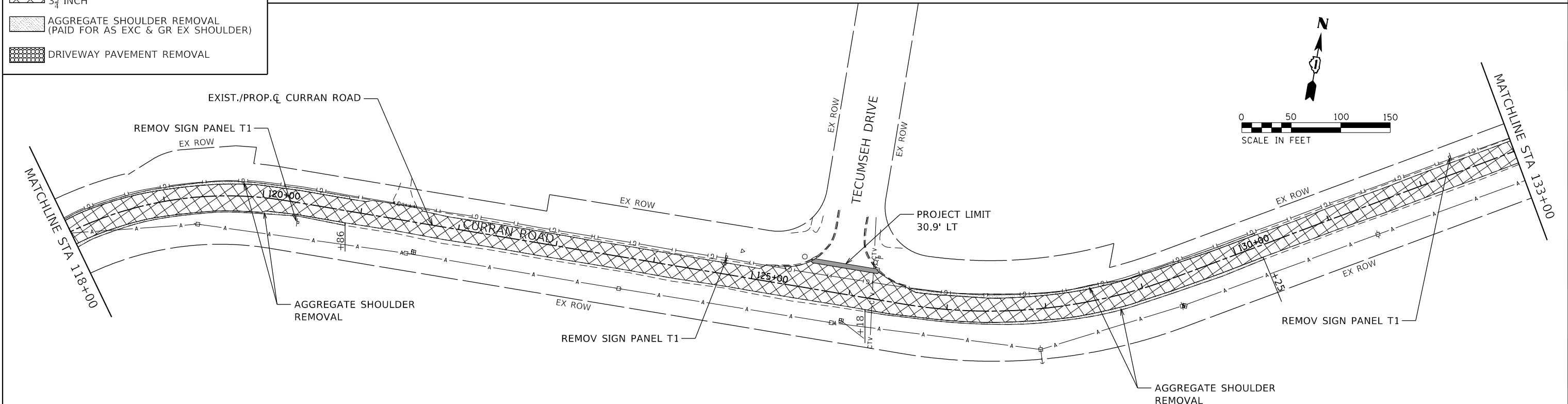
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NO. BOOK	
	NO.	
	STRUCTURE	
	NOT AT THIS OFFICE	

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-spt-r-em02.dgn
 FILE NUMBER: #06600-spt-r-em02.dgn
 PEN TABLE: p06tbltbl.tbl



LEGEND:

- HMA SURF REM BUTT JT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4 INCH
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EXC & GR EX SHOULDER)
- DRIVEWAY PAVEMENT REMOVAL



USER NAME =	bhar-tmo	DESIGNED -	BH	REVISED -	
		DRAWN -	DMS	REVISED -	
PLOT SCALE =		CHECKED -	AC	REVISED -	
PLOT DATE =	3/29/2019	DATE -	2/25/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

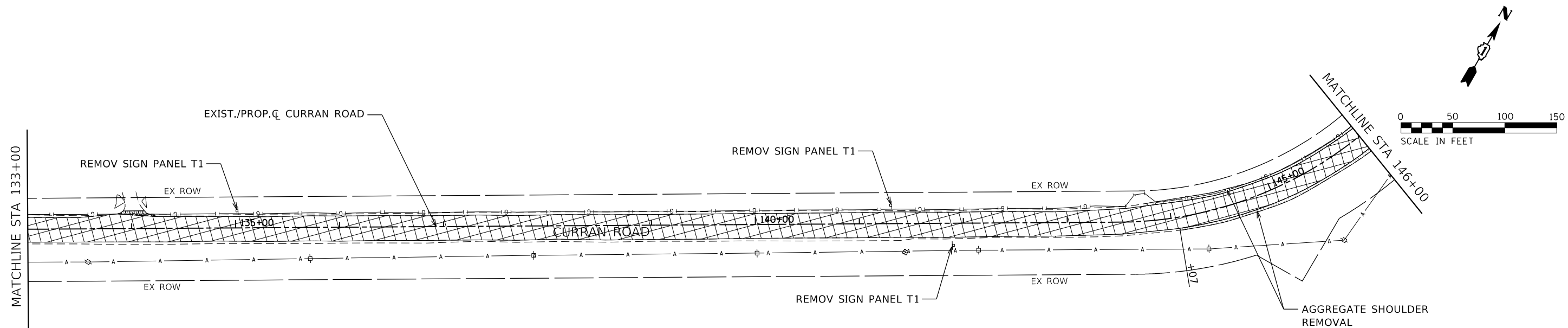
REMOVAL PLAN CURRAN ROAD IMPROVEMENTS	
SCALE: 1"=50'	SHEET 1 OF 2 SHEETS STA. 106+30.00 TO STA. 133+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	7
CONTRACT NO. 61F80			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO. BOOK	
	NO.	

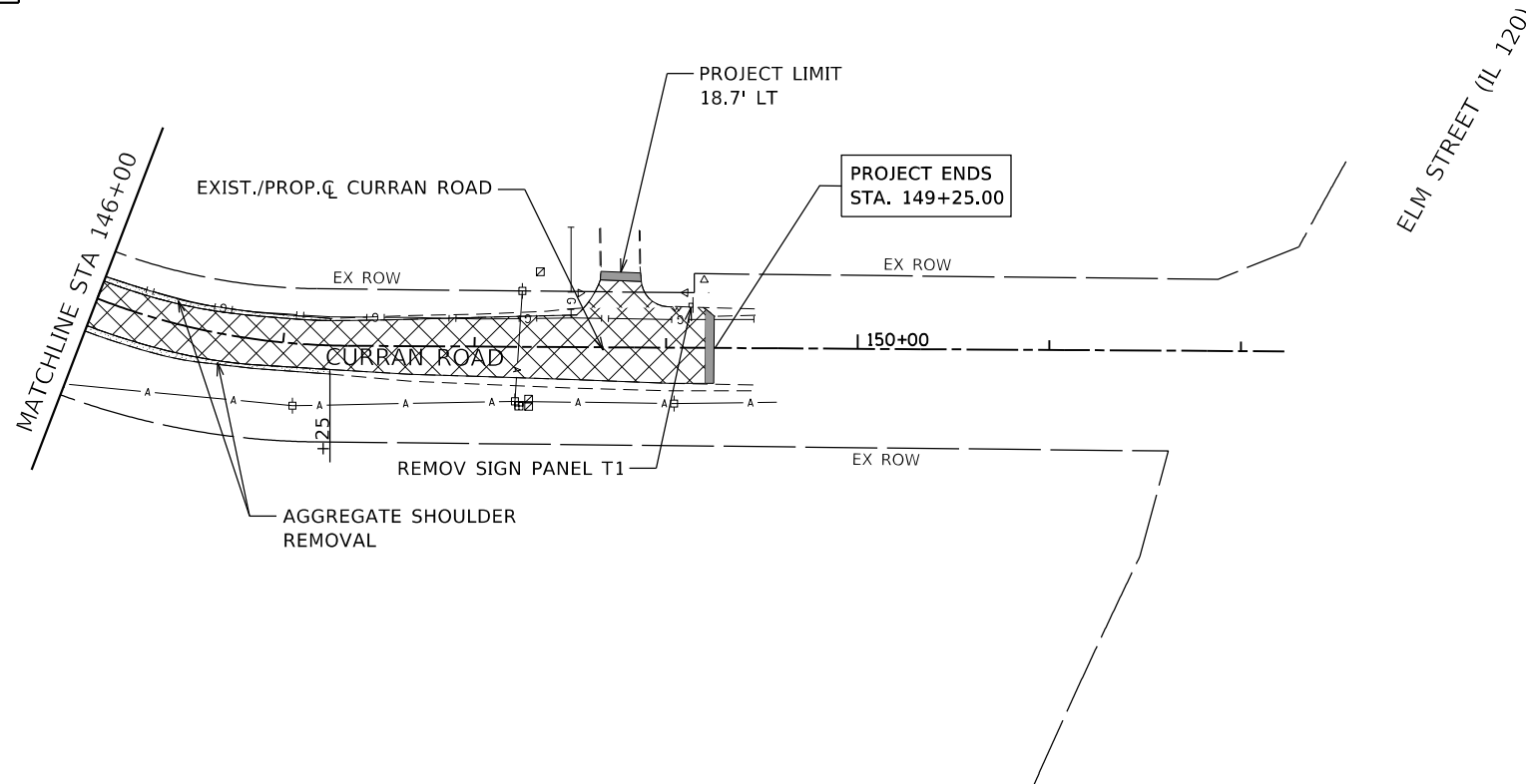
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO. BOOK	
	NO.	

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-r-em02.dgn
 FILE NAME: 15-00082-00-SP-01.dwg
 PEN TABLE: p01tbl.tbl



LEGEND:

- HMA SURF REM BUTT JT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 INCH
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EXC & GR EX SHOULDER)
- DRIVEWAY PAVEMENT REMOVAL



USER NAME = bhartma	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

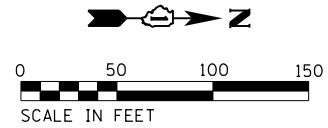
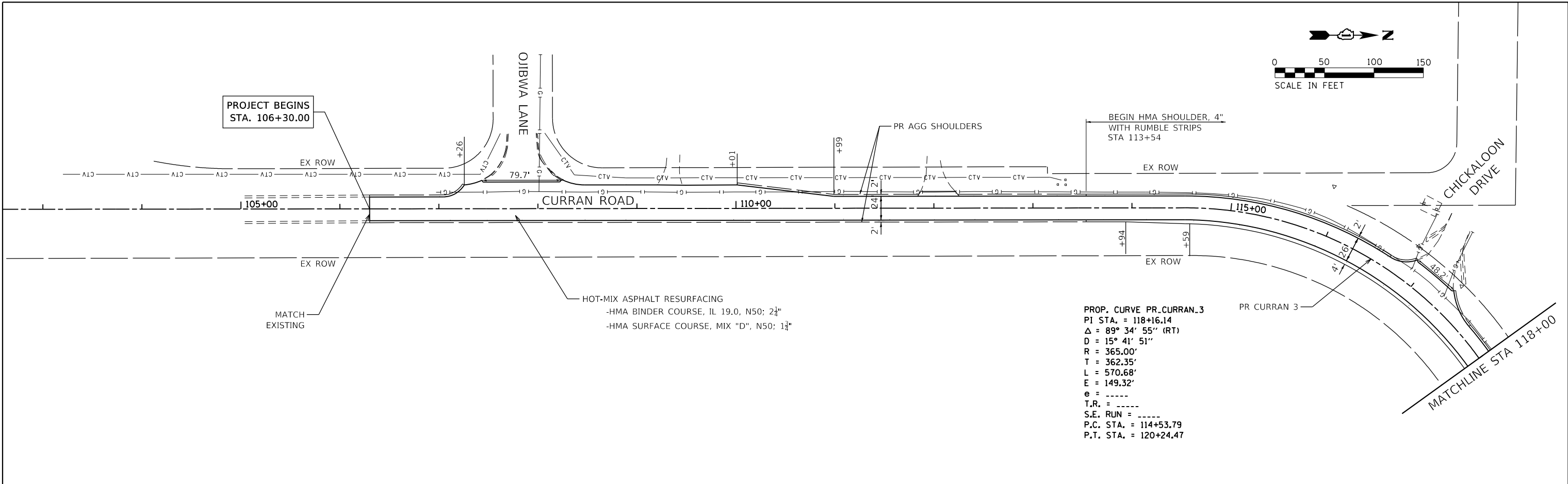
REMOVAL PLAN CURRAN ROAD IMPROVEMENTS			
SCALE: 1"=50'	SHEET 2	OF 2 SHEETS	STA. 133+00.00 TO STA. 149+25.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	8
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F80

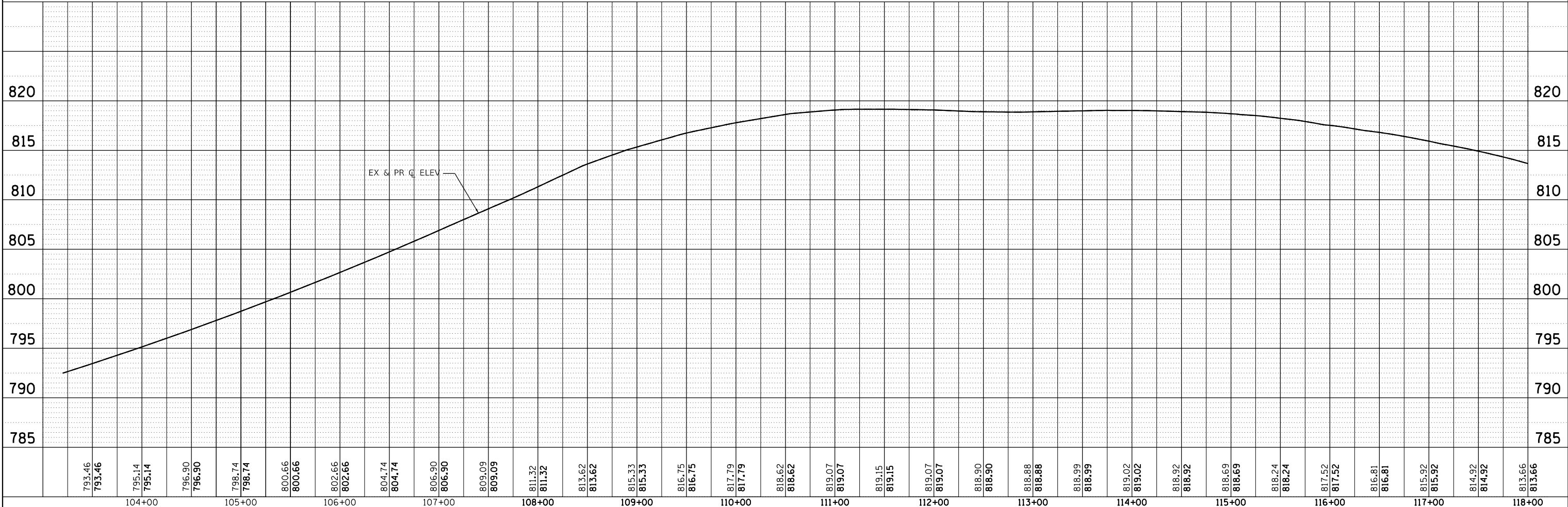
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-pp02/cgm
 FILE NAME: #06600-sht-pp02/cgm
 PEN TABLE: pp02tbl.tbl



PROP. CURVE PR_CURRAN_3
 PI STA. = 118+16.14
 $\Delta = 89^\circ 34' 55''$ (RT)
 $D = 15^\circ 41' 51''$
 $R = 365.00'$
 $T = 362.35'$
 $L = 570.68'$
 $E = 149.32'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 114+53.79$
 $P.T. STA. = 120+24.47$



793.46	793.46	795.14	795.14	796.90	796.90	798.74	798.74	800.66	800.66	802.66	802.66	804.74	804.74	806.90	806.90	809.09	809.09	811.32	811.32	813.62	813.62	815.33	815.33	816.75	816.75	817.79	817.79	818.62	818.62	819.07	819.07	819.15	819.15	819.07	819.07	818.90	818.90	818.88	818.88	818.99	818.99	818.99	818.99	819.02	819.02	818.92	818.92	818.69	818.69	818.24	818.24	817.52	817.52	817.52	817.52	816.81	816.81	815.92	815.92	814.92	814.92	813.66	813.66																															
										104+00						105+00						106+00						107+00						108+00						109+00						110+00						111+00						112+00						113+00						114+00						115+00						116+00						117+00						118+00

HRGreen
 HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = bharto	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 CURRAN ROAD IMPROVEMENTS**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 106+30.00 TO STA. 118+00.00

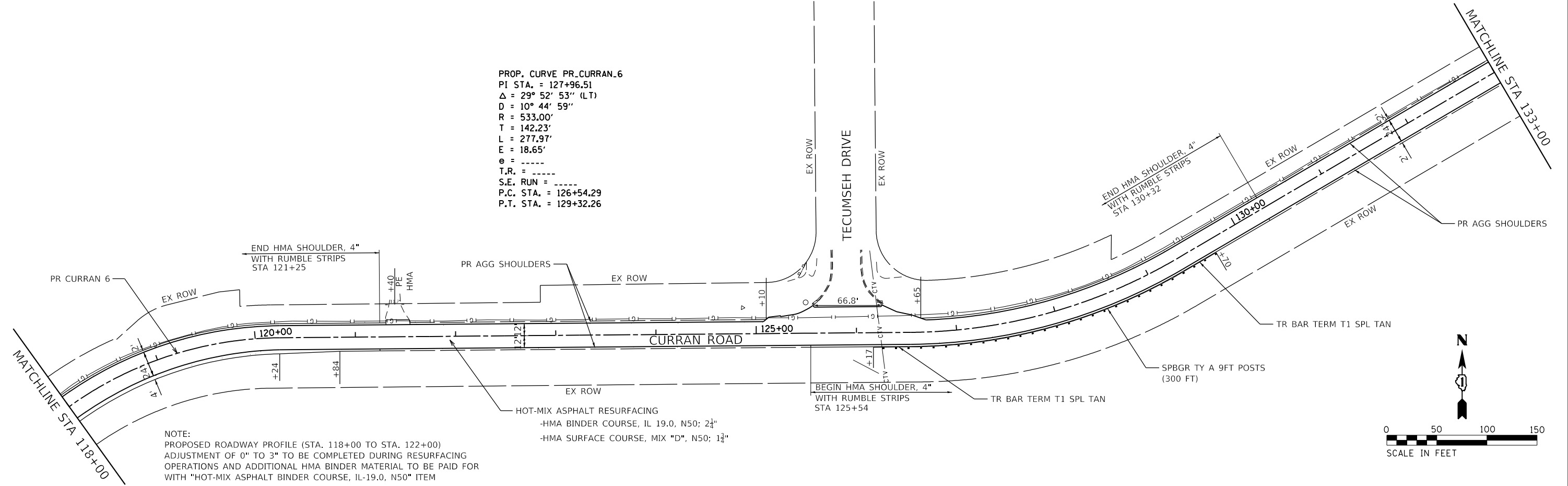
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	9
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F80

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

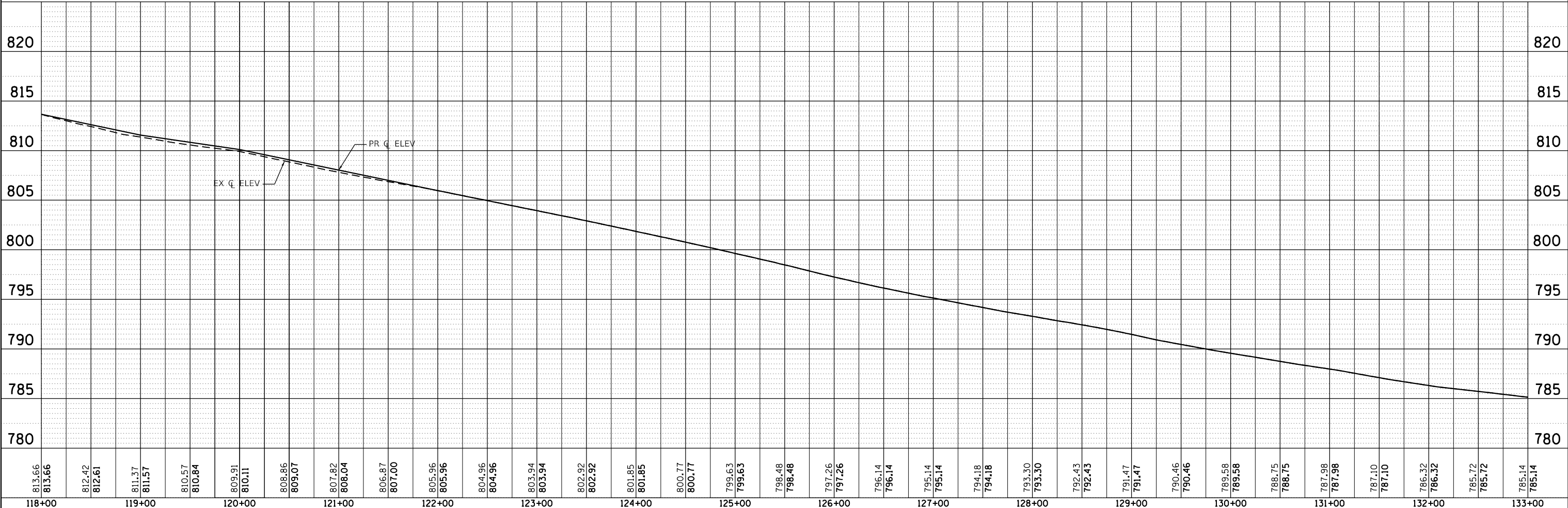
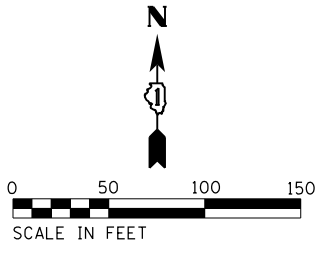
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHWD		
	NO.		

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-pp02.dgn
 FILE NAME: #06600-sht-pp02.dgn
 PEN TABLE: p02tbl.tbl

PROP. CURVE PR_CURRAN_6
 PI STA. = 127+96.51
 $\Delta = 29^\circ 52' 53''$ (LT)
 $D = 10^\circ 44' 59''$
 $R = 533.00'$
 $T = 142.23'$
 $L = 277.97'$
 $E = 18.65'$
 $e = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 P.C. STA. = 126+54.29
 P.T. STA. = 129+32.26



NOTE:
 PROPOSED ROADWAY PROFILE (STA. 118+00 TO STA. 122+00)
 ADJUSTMENT OF 0" TO 3" TO BE COMPLETED DURING RESURFACING
 OPERATIONS AND ADDITIONAL HMA BINDER MATERIAL TO BE PAID FOR
 WITH "HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50" ITEM



813.66	813.66	812.42	812.61	811.37	811.57	810.57	810.84	809.91	810.11	808.86	809.07	807.82	808.04	806.87	807.00	805.96	805.96	804.96	804.96	803.94	803.94	802.92	802.92	801.85	801.85	800.77	800.77	799.63	799.63	798.48	798.48	797.26	797.26	796.14	796.14	795.14	795.14	794.18	794.18	793.30	793.30	792.43	792.43	791.47	791.47	790.46	790.46	789.58	789.58	788.75	788.75	787.98	787.98	787.10	787.10	786.32	786.32	785.72	785.72	785.14	785.14
118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00																																														

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhartma	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

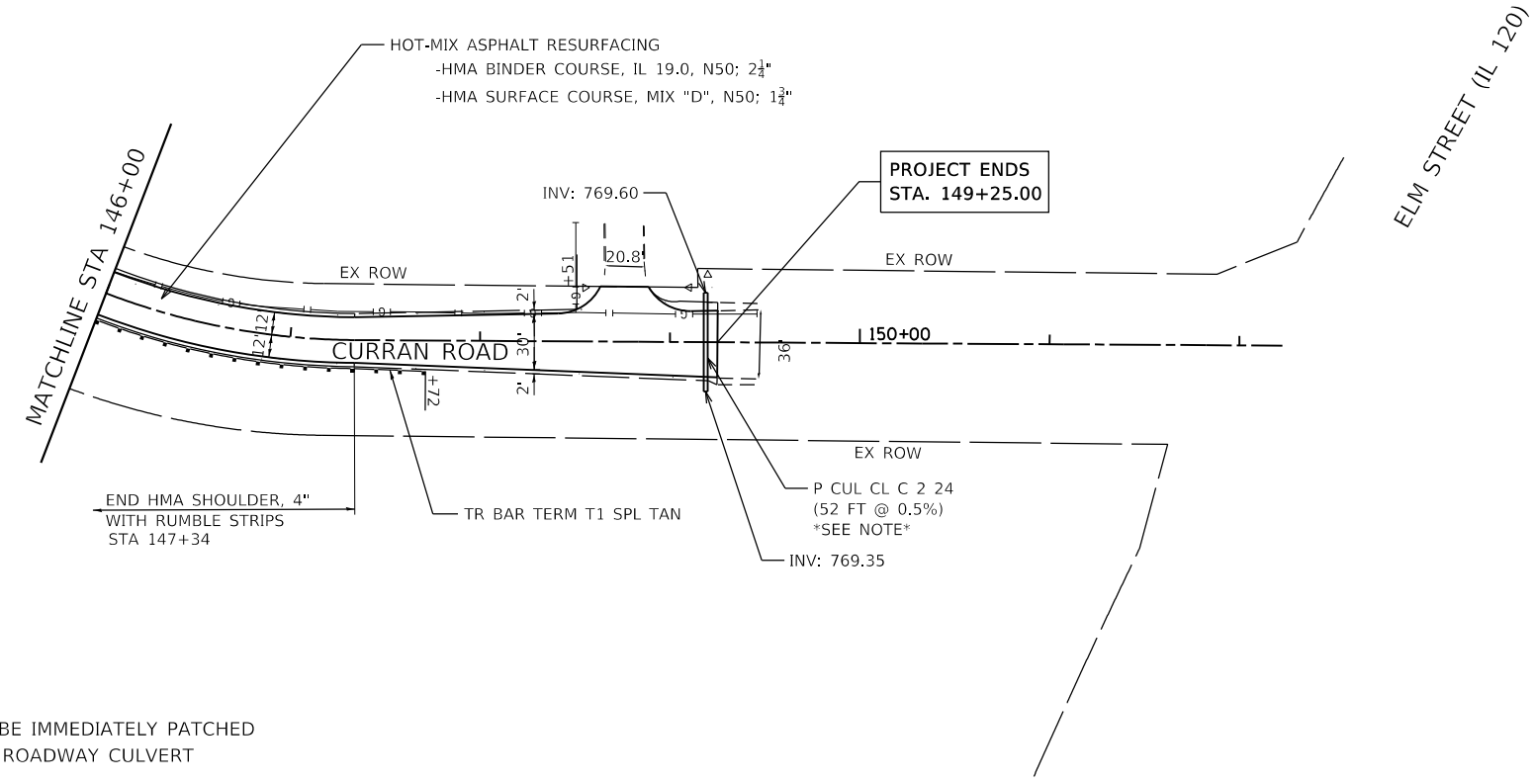
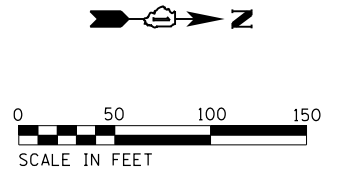
PLAN AND PROFILE
CURRAN ROAD IMPROVEMENTS
 SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 118+00.00 TO STA. 133+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	10
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F80

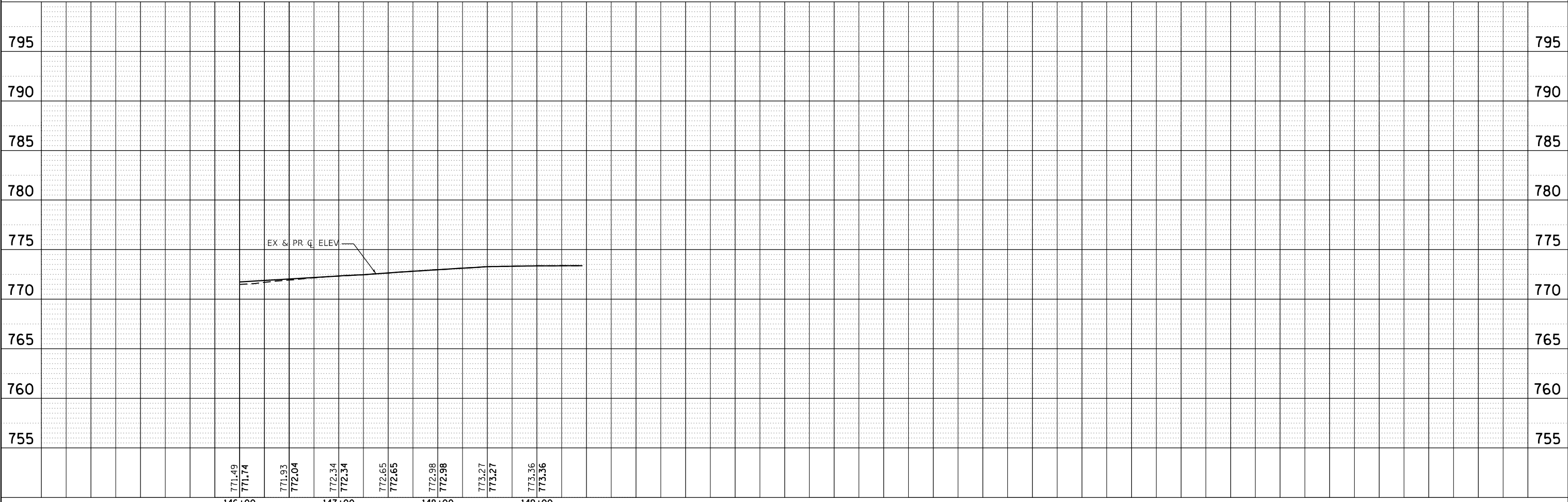
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

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

HRG PROJECT NO.: #06600
 HRG PROJ CONTACT: #06600-sht-pp04.dgn
 FILE NAME: #06600-sht-pp04.dgn
 PEN TABLE: p04tbl.tbl



NOTE:
 EXISTING PAVEMENT TO BE IMMEDIATELY PATCHED
 AFTER INSTALLATION OF ROADWAY CULVERT

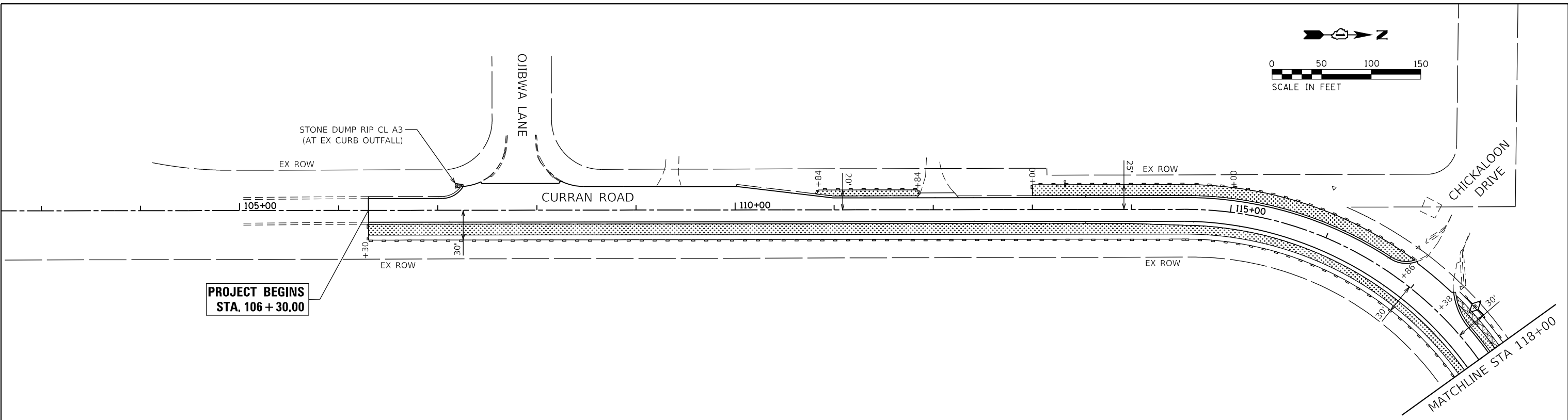


	HRGreen.com Micro Professional Design Firm #184-001322	USER NAME = bharto	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE CURRAN ROAD IMPROVEMENTS				F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE =	CHECKED - AC	REVISED -		0084	15-00082-00-SP	MCHENRY	29	12				
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -	SCALE: 1"=50'				SHEET 4	OF 4	SHEETS	STA. 146+00.00	TO STA. 149+25.00	CONTRACT NO. 61F80		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT														

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

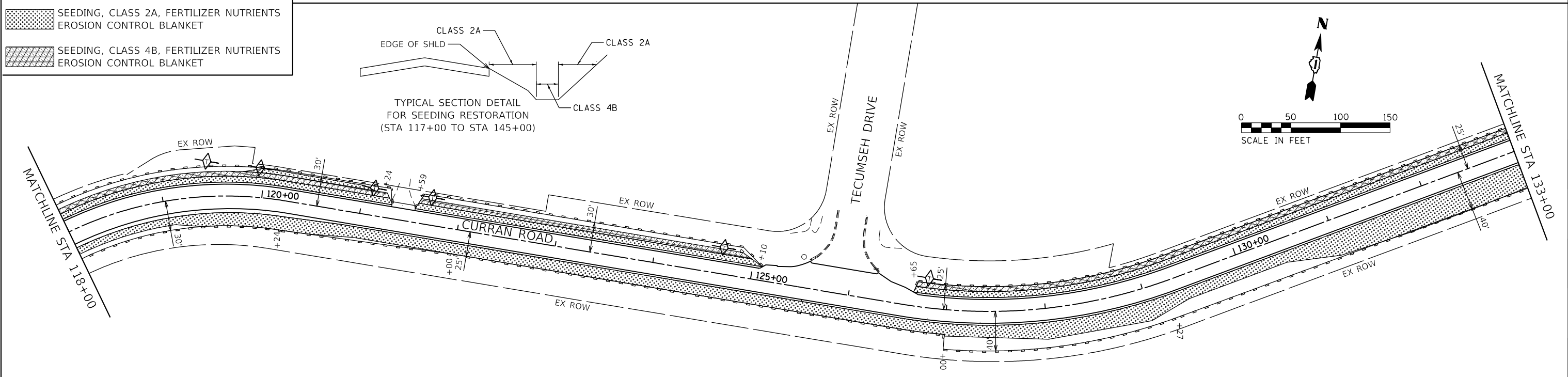
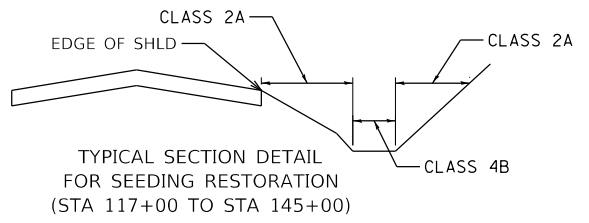
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FILE NAME		
	FILE NO.		

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-snt-eros01.dgn
 FILE NUMBER: #06600-snt-eros01.dgn
 PEN TABLE: p06tbl.tbl



LEGEND:

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- SEEDING, CLASS 2A, FERTILIZER NUTRIENTS EROSION CONTROL BLANKET
- SEEDING, CLASS 4B, FERTILIZER NUTRIENTS EROSION CONTROL BLANKET



USER NAME = bhartma	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN CURRAN ROAD IMPROVEMENTS	
SCALE: 1"=50'	SHEET 1 OF 2 SHEETS STA. 106+30.00 TO STA. 133+00.00





F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	13
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F80

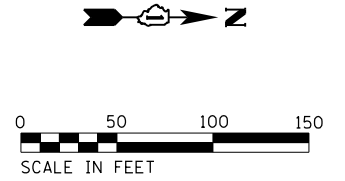
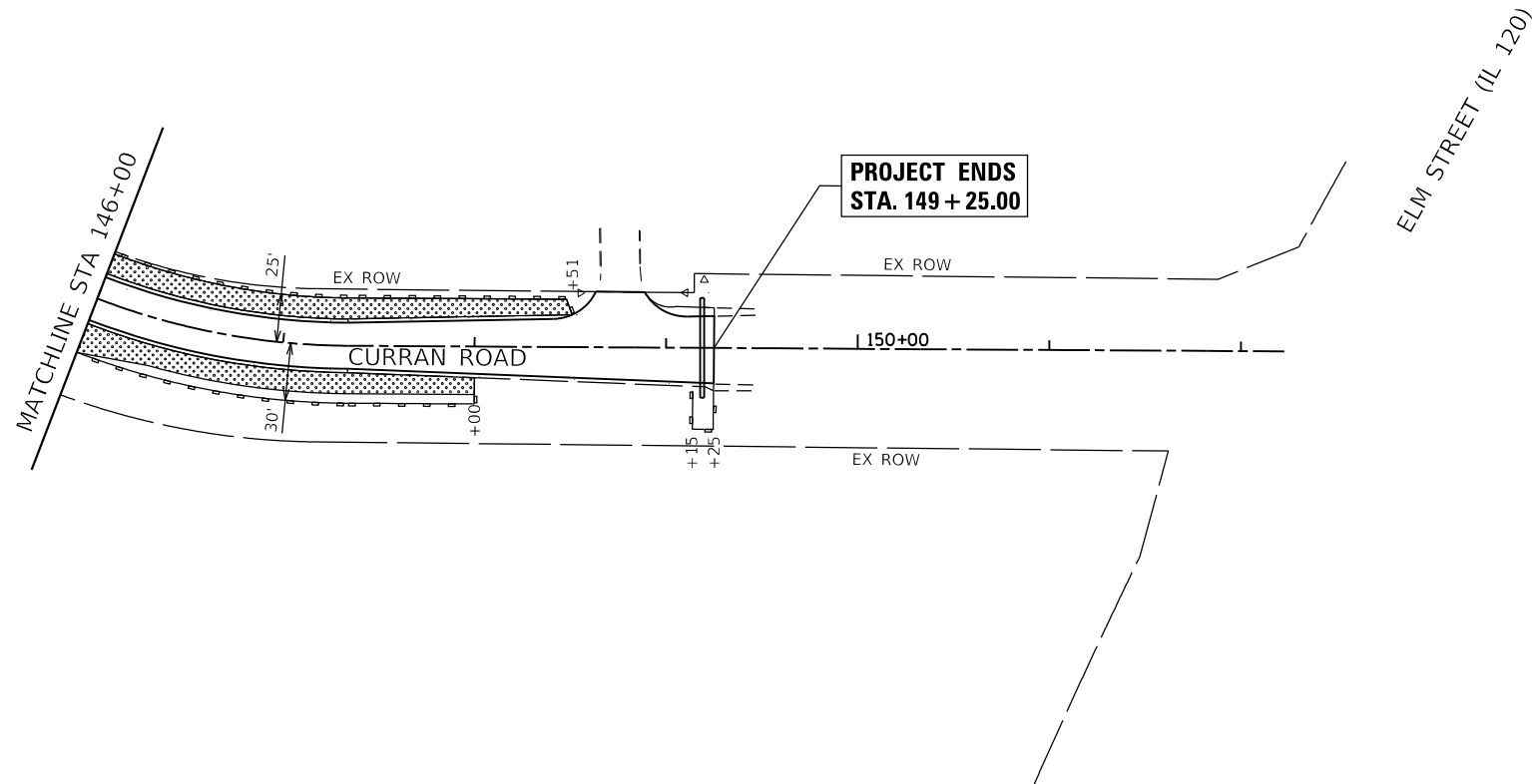
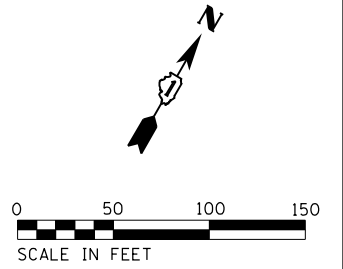
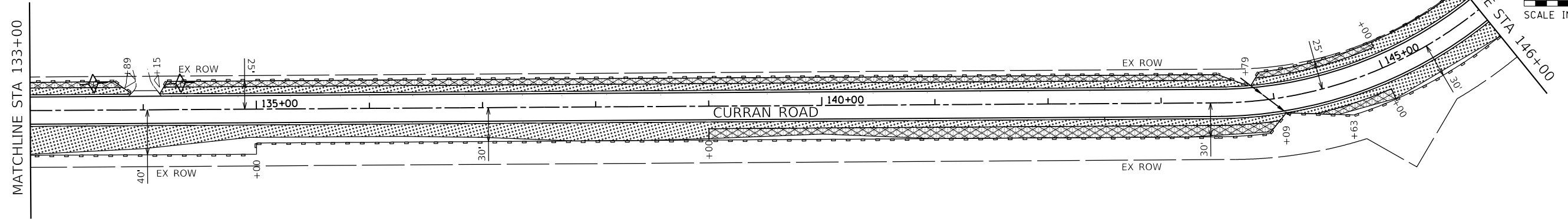
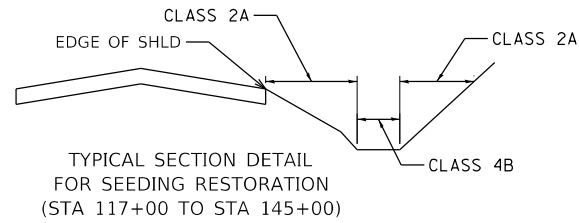
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	FILE NO.		
	FILE DATE		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FILE NAME		
	FILE NO.		
	FILE DATE		

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-eros02.dgn
 FILE NAME: #06600-sht-eros02.dgn
 PEN TABLE: p01tbl.tbl

LEGEND:

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  SEEDING, CLASS 2A, FERTILIZER NUTRIENTS EROSION CONTROL BLANKET
-  SEEDING, CLASS 4B, FERTILIZER NUTRIENTS EROSION CONTROL BLANKET



USER NAME =	bhartma	DESIGNED -	BH	REVISED -	
		DRAWN -	DMS	REVISED -	
PLOT SCALE =		CHECKED -	AC	REVISED -	
PLOT DATE =	3/29/2019	DATE -	2/25/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
CURRAN ROAD IMPROVEMENTS**

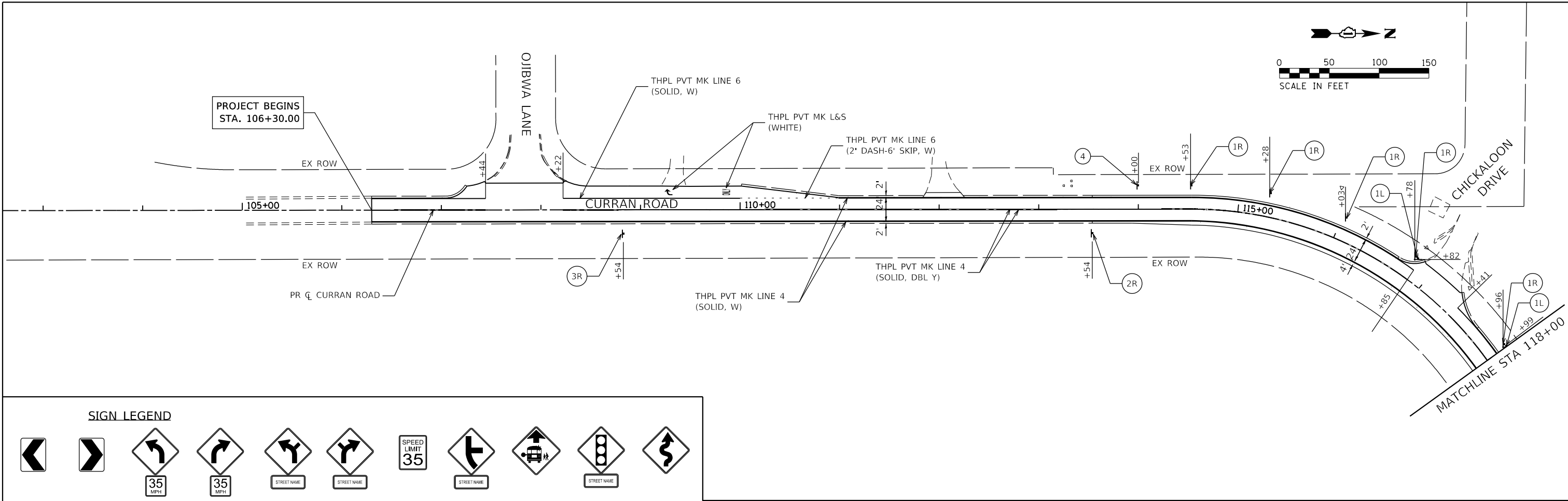
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 133+00.00 TO STA. 149+25.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	14
CONTRACT NO. 61F80				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	FILE NUMBER	
	FILE TABLE	
	NO.	

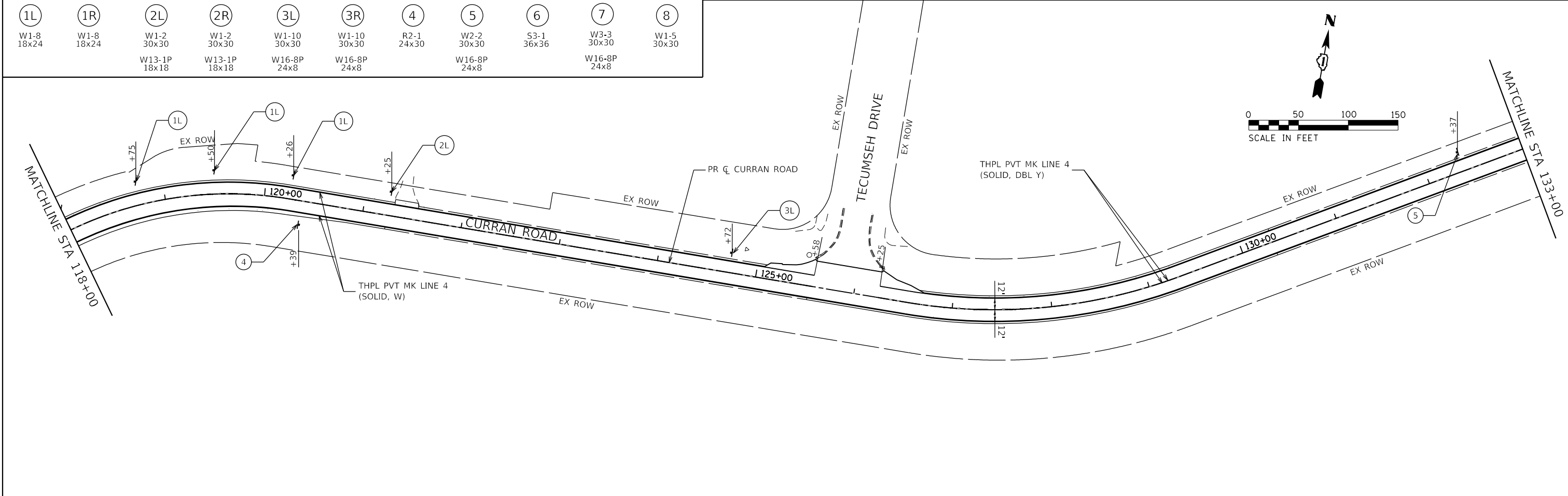
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-pmk01.dgn
 FILE NUMBER: 15-00082-00-SP
 FILE TABLE: 61F80



SIGN LEGEND

1L	1R	2L	2R	3L	3R	4	5	6	7	8
W1-8 18x24	W1-8 18x24	W1-2 30x30 W13-1P 18x18	W1-2 30x30 W13-1P 18x18	W1-10 30x30 W16-8P 24x8	W1-10 30x30 W16-8P 24x8	R2-1 24x30 W16-8P 24x8	W2-2 30x30 W16-8P 24x8	S3-1 36x36	W3-3 30x30 W16-8P 24x8	W1-5 30x30

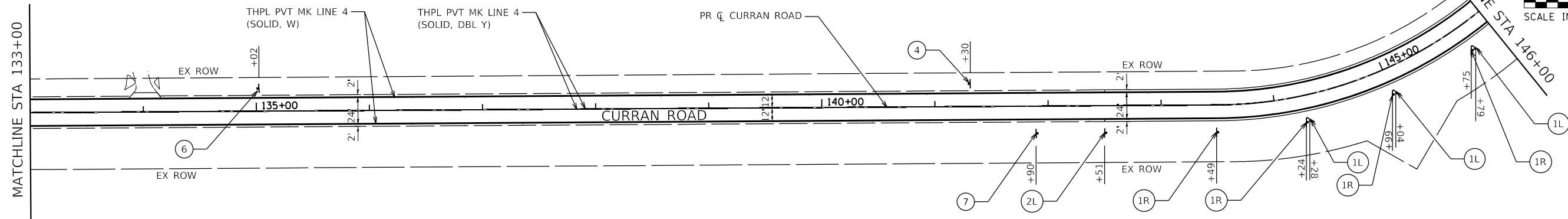


	HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = bhar-tmo DESIGNED - BH DRAWN - DMS CHECKED - AC DATE - 2/25/2019	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN CURRAN ROAD IMPROVEMENTS	F.A.U. RTE. = 0084 SECTION NO. = 15-00082-00-SP COUNTY = MCHENRY ILLINOIS FED. AID PROJECT	TOTAL SHEETS = 29 SHEET NO. = 15 CONTRACT NO. = 61F80
	SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 106+30.00 TO STA. 133+00.00						

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

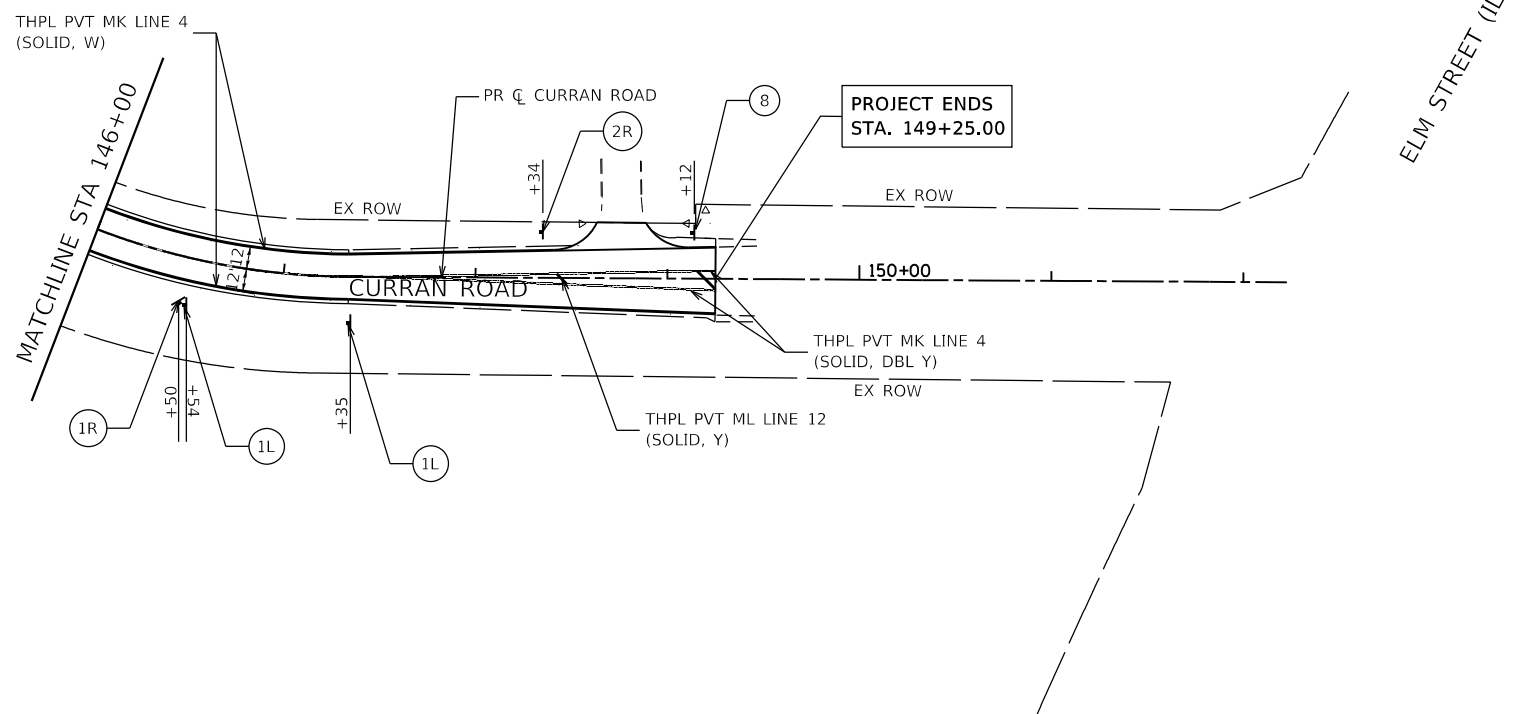
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

HRG PROJECT NO.: #06600
 HRG PROJ. CONTACT: #06600-sht-pmk02.dgn
 FILE NUMBER: 15-00082-00-SP
 PEN TABLE: p01tbl01.tbl



SIGN LEGEND

(1L)	(1R)	(2L)	(2R)	(3L)	(3R)	(4)	(5)	(6)	(7)	(8)
W1-8 18x24	W1-8 18x24	W1-2 30x30 W13-1P 18x18	W1-2 30x30 W13-1P 18x18	W1-10 30x30 W16-8P 24x8	W1-10 30x30 W16-8P 24x8	R2-1 24x30 W16-8P 24x8	W2-2 30x30 W16-8P 24x8	S3-1 36x36	W3-3 30x30 W16-8P 24x8	W1-5 30x30



USER NAME = bhar-tmo	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CURRAN ROAD IMPROVEMENTS**

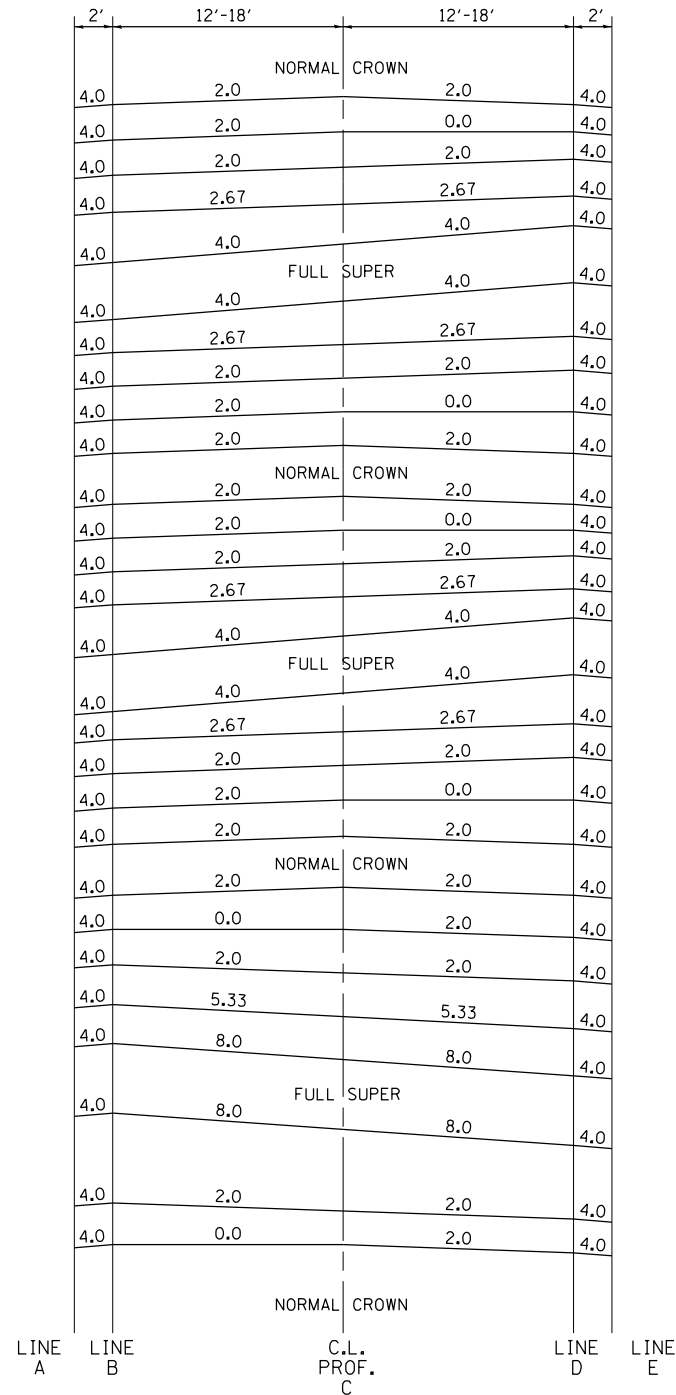
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 133+00.00 TO STA. 149+25.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F80

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

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOT AT THIS CHKD	

148+10.83
147+85.16
147+59.50
147+33.83
147+08.16
143+75.61
143+49.94
143+24.27
142+98.61
142+72.94
130+15.26
129+87.59
129+59.93
129+32.26
129+04.59
126+81.96
126+54.29
126+26.62
125+98.86
125+71.29
121+49.95
121+27.80
121+05.66
120+24.47
119+72.80
115+05.46
113+72.60
113+50.46



SUPERELEVATION TRANSITIONS							
STATION	SHLD WIDTH	ELEVATIONS AT LOCATIONS					SHLD WIDTH
		A	B	C	D	E	
NORMAL CROWN							
148+10.83	2	772.76	772.80	773.04	772.80	772.76	2
147+85.16	2	772.60	772.64	772.88	772.88	772.88	2
147+59.50	2	772.44	772.48	772.72	772.96	773.00	2
147+33.83	2	772.16	772.21	772.53	772.85	772.90	2
147+08.16	2	771.83	771.91	772.39	772.87	772.95	2
FULL SUPER							
143+75.61	2	770.53	770.61	771.09	771.57	771.65	2
143+49.94	2	770.62	770.67	770.99	771.31	771.36	2
143+24.27	2	770.67	770.71	770.95	771.19	771.23	2
142+98.61	2	770.65	770.69	770.93	770.93	770.93	2
142+72.94	2	770.71	770.75	770.99	770.75	770.71	2
NORMAL CROWN							
130+15.26	2	789.04	789.08	789.32	789.08	789.04	2
129+87.59	2	789.50	789.54	789.78	789.78	789.78	2
129+59.93	2	789.99	790.03	790.27	790.51	790.55	2
129+32.26	2	790.41	790.46	790.78	791.10	791.15	2
129+04.59	2	790.81	790.89	791.37	791.85	791.93	2
FULL SUPER							
126+81.96	2	794.92	795.00	795.48	795.96	796.04	2
126+54.29	2	795.68	795.73	796.05	796.37	796.42	2
126+26.62	2	796.37	796.41	796.65	796.89	796.93	2
125+98.86	2	797.00	797.04	797.28	797.28	797.28	2
125+71.29	2	797.67	797.71	797.95	797.71	797.67	2
NORMAL CROWN							
121+49.95	2	806.72	806.76	807.00	806.76	806.72	2
121+27.80	2	807.46	807.46	807.46	807.22	807.18	2
121+05.66	2	808.20	808.16	807.92	807.68	807.64	2
120+24.47	2	810.35	810.24	809.60	808.96	808.85	2
119+72.80	2	811.62	811.46	810.50	809.54	809.38	2
FULL SUPER							
115+05.46	2	819.77	819.61	818.65	817.69	817.53	2
114+53.79	2	819.66	819.55	818.91	818.27	818.16	2
113+72.60	2	819.31	819.27	819.03	818.79	818.75	2
113+50.46	2	818.99	818.99	818.99	818.75	818.71	2
NORMAL CROWN							

HRG PROJECT NO.: #06600
HRG PROJ. CONTACT: #06600-srt-SE-08-08-11/15.dgn
FILE NAME: bhartma.dwg
PEN TABLE: bhartma.tbl



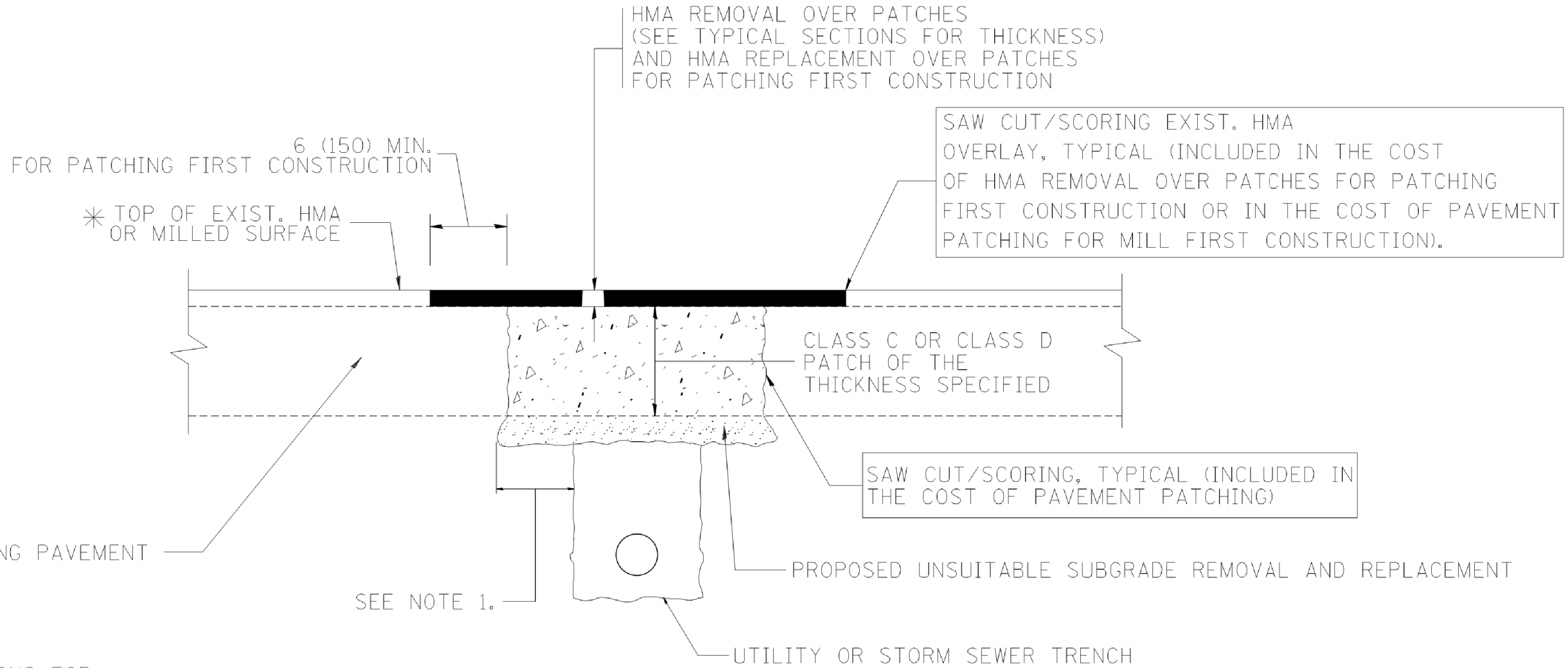
USER NAME = bhartma	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DIAGRAMS
CURRAN ROAD IMPROVEMENTS

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F80	



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

COMPANY NAME: \$COMPANY.NAMES
 PROJECT CONTACT: \$PROJECT.CONTACT#
 DATE PLOTTED: 1/29/2019 12:14 PM
 FILE NAME: 186600-sh1-det-bd22.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl

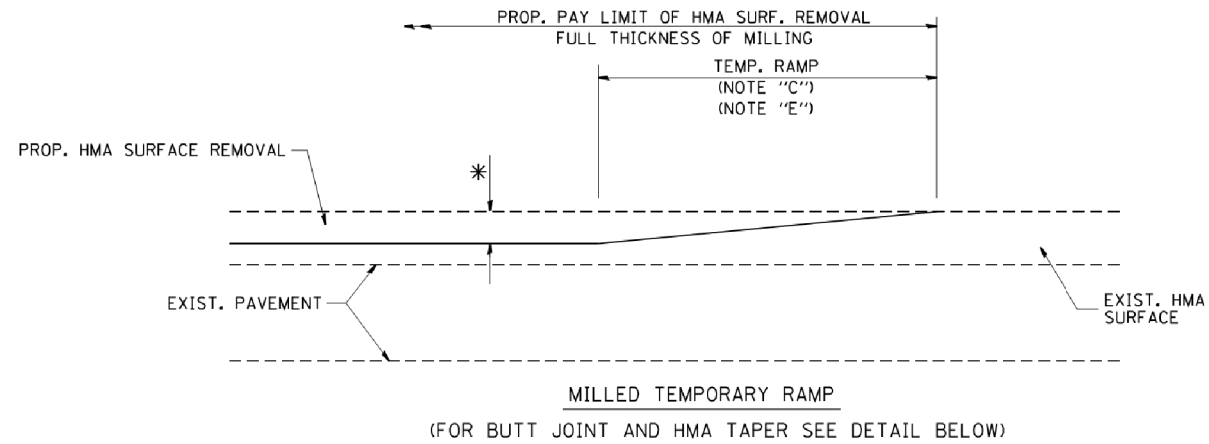
FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
ci:\projects\diststd22x34\bd22.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000 ' / IN.	REVISED - R. BORO 09-04-07
		DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

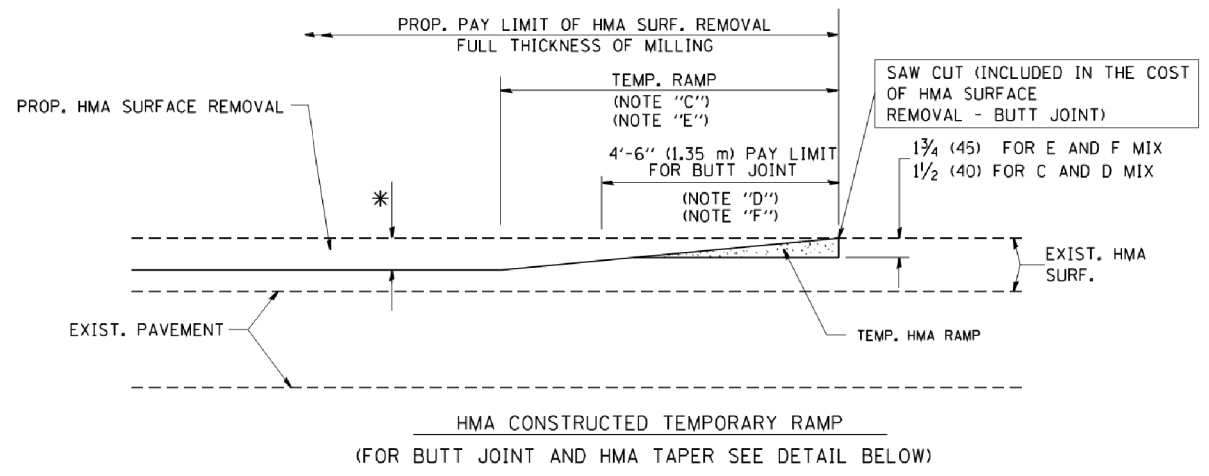
**PAVEMENT PATCHING FOR
 HMA SURFACED PAVEMENT**

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

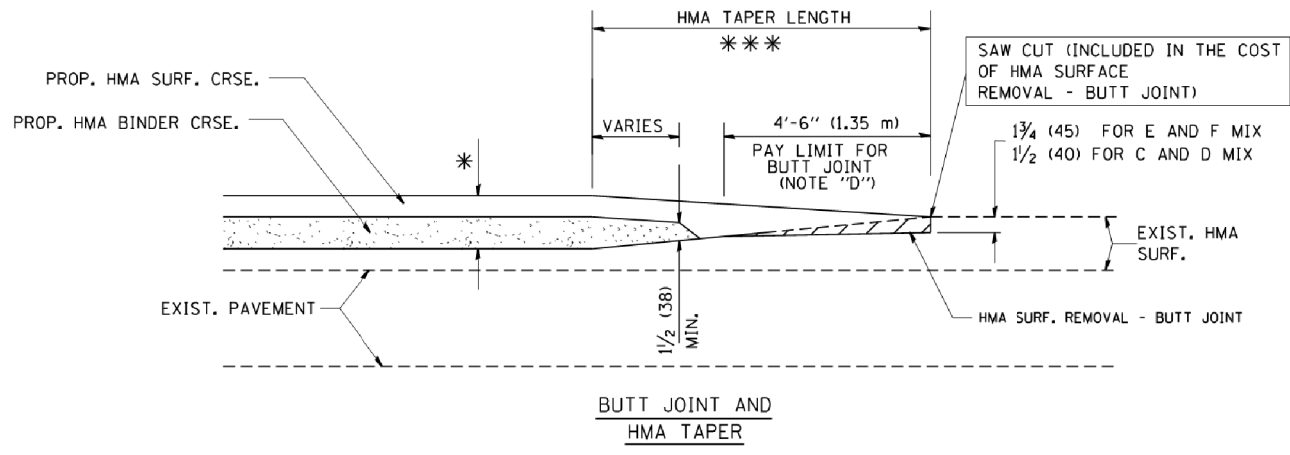
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	18
BD400-04 (BD-22)			CONTRACT NO. 61F80	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



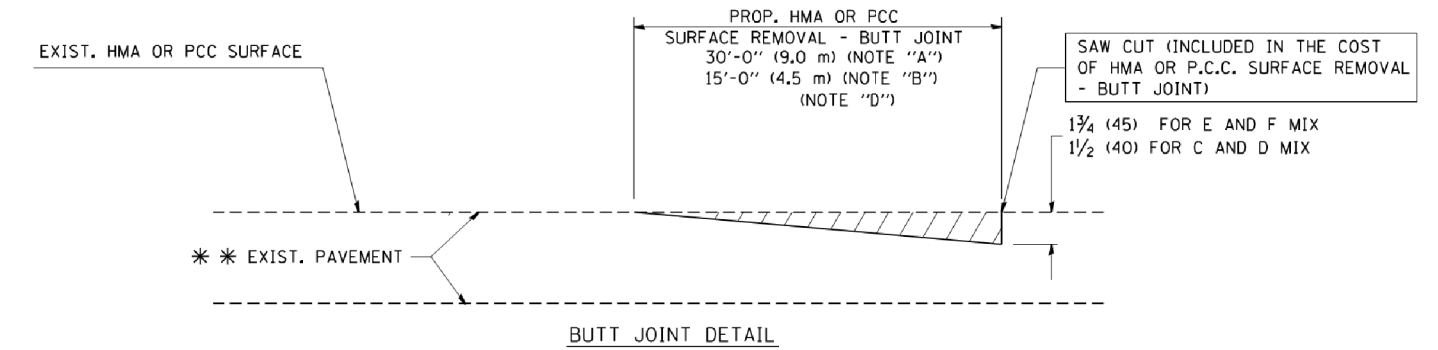
OPTION 1



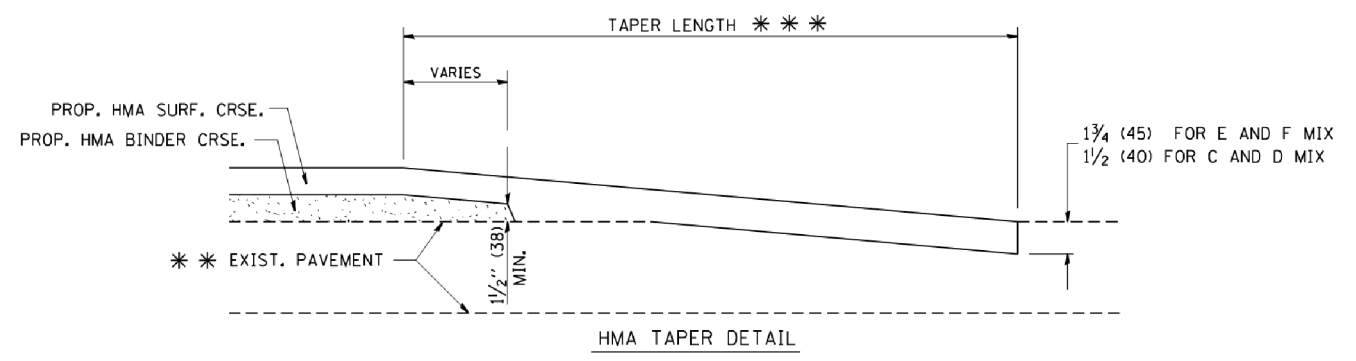
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

COMPANY NAME: #COMPANY NAME#
PROJECT CONTACT: #PROJECT CONTACT#
DATE PLOTTED: 3/29/2019 11:29:24 PM
FILE NAME: 186600-sh1-det-bd32.dgn
PLOT DRIVER: IL_dwf.pcpltrc9
PEN TABLE: pla-table.tbl

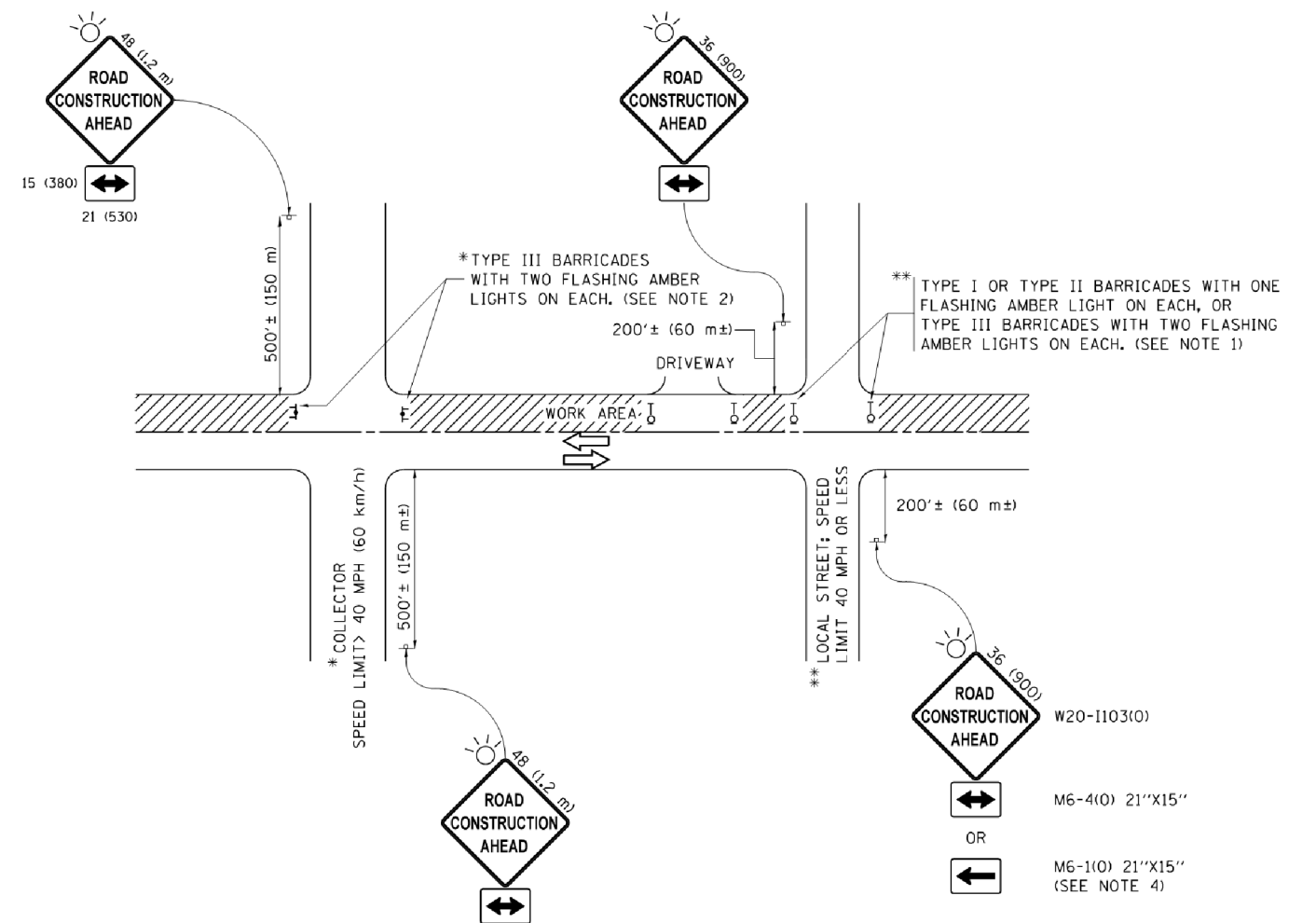
FILE NAME =	USER NAME = gajlanobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
W:\distsd\22x34\bd32.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
		CHECKED -	REVISED - M. GOMEZ 04-06-01
		DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	19
BD400-05 BD32		CONTRACT NO. 61F80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 3/29/2019 11:26:36 PM
 FILE NAME: 186600-sh1-det-rc10.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl

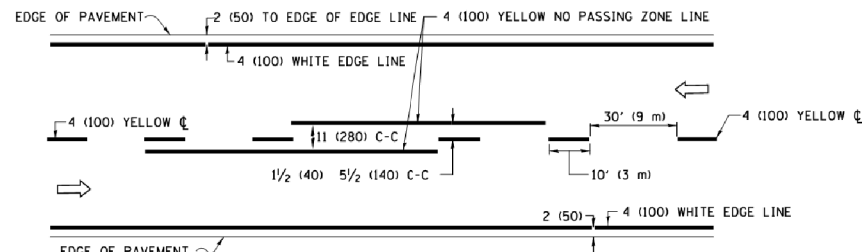
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pwt\11084EBIDINTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist1\186600\CADDData\CADsheets\rc10.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 05-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

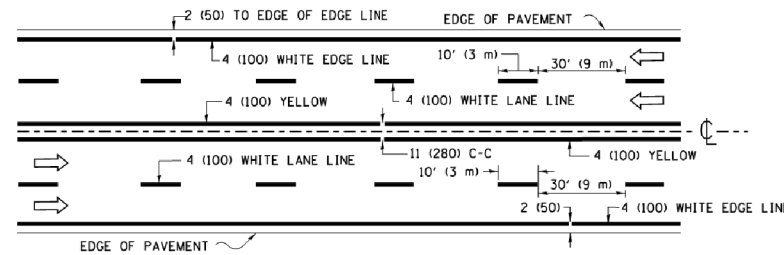
**TRAFFIC CONTROL AND PROTECTION FOR
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

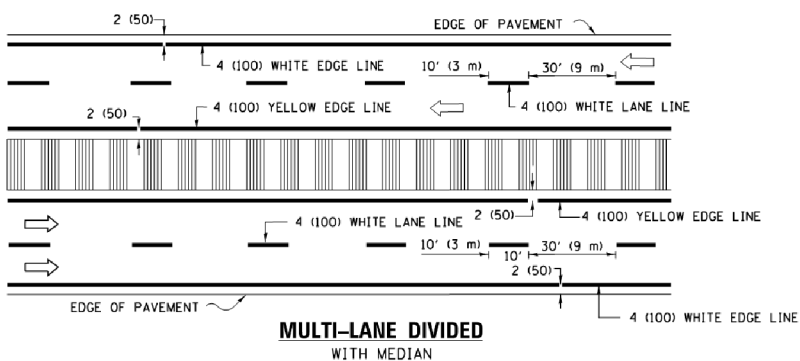
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	20
TC-10		CONTRACT NO. 61F80		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

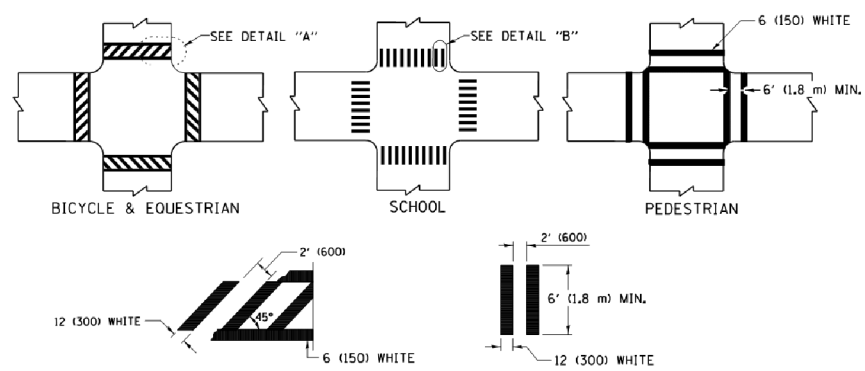


MULTI-LANE UNDIVIDED



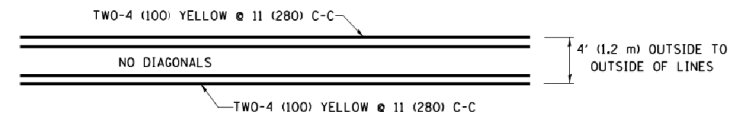
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

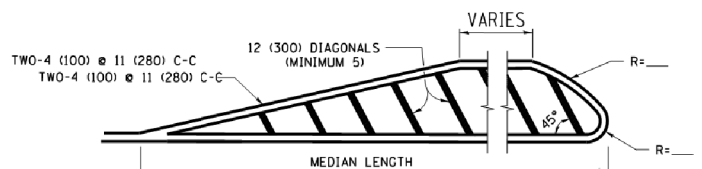


TYPICAL CROSSWALK MARKING

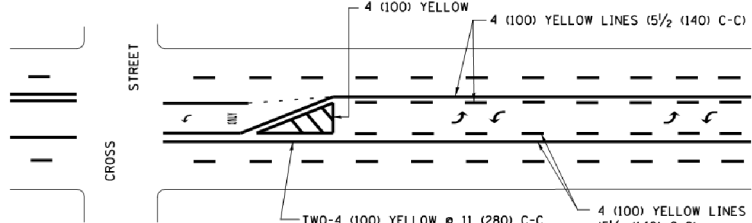
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



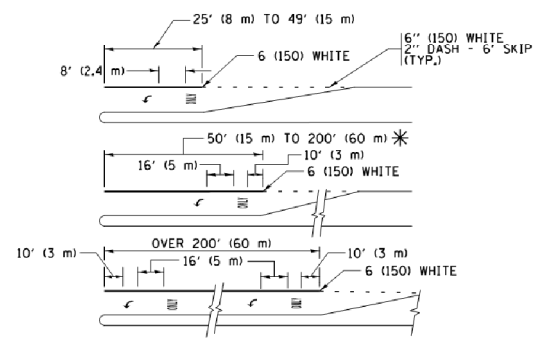
4' (1.2 m) WIDE MEDIANS ONLY



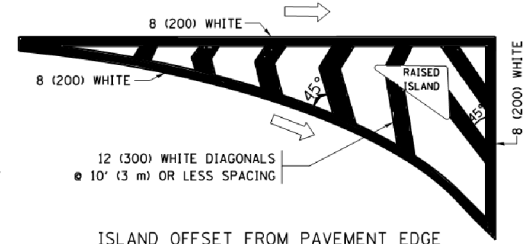
MEDIANS OVER 4' (1.2 m) WIDE



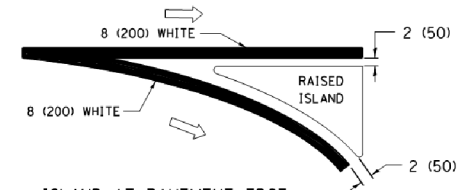
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



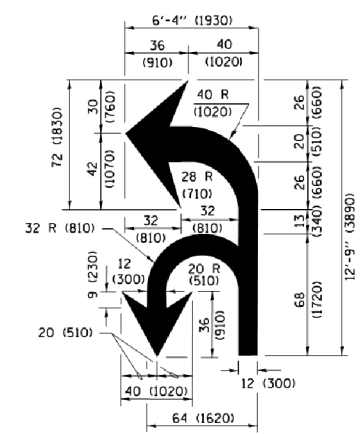
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



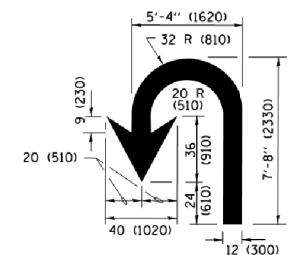
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

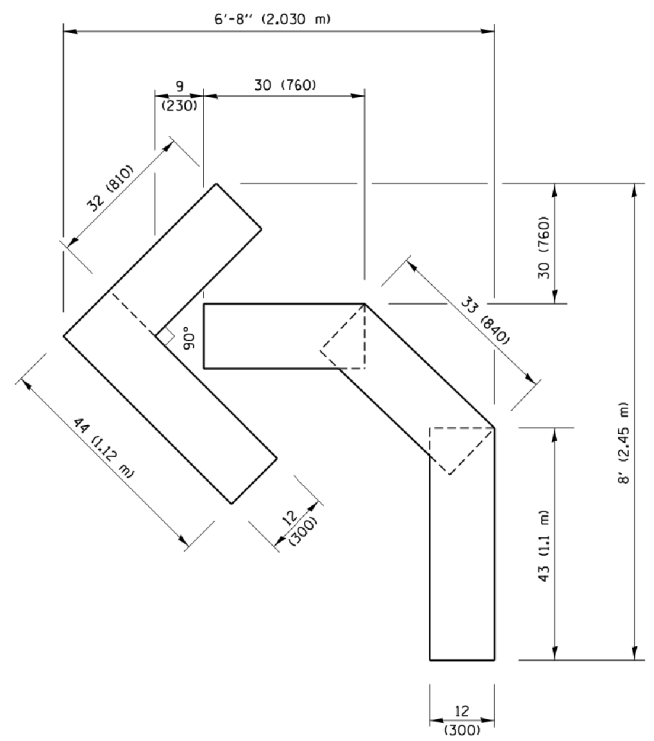
All dimensions are in inches (millimeters) unless otherwise shown.

COMPANY NAME: 180600-sht-det-1.ctb
PROJECT CONTACT: IL084EBIDINTEG...
DATE PLOTTED: 4/13/2016 1:52:48 PM
FILE NAME: 180600-sht-det-1.ctb
PLOT DRIVER: ILpdf.plt
PEN TABLE: plot.tbl

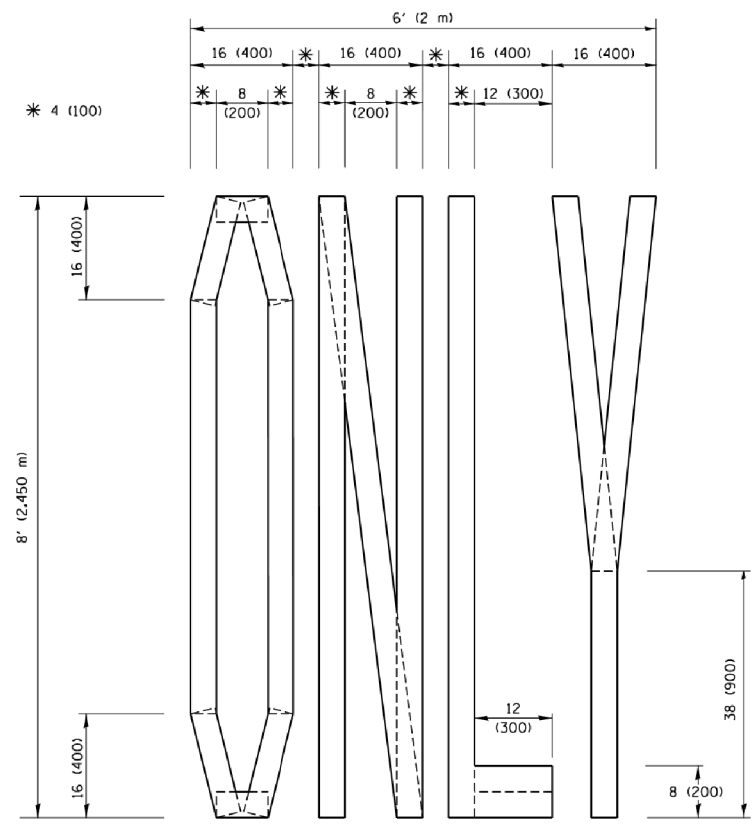
FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
Default	pw\1\IL084EBIDINTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\Dist... DRAWN\CADData\CADsheets\tc13.dgn	CHECKED -	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 50.000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

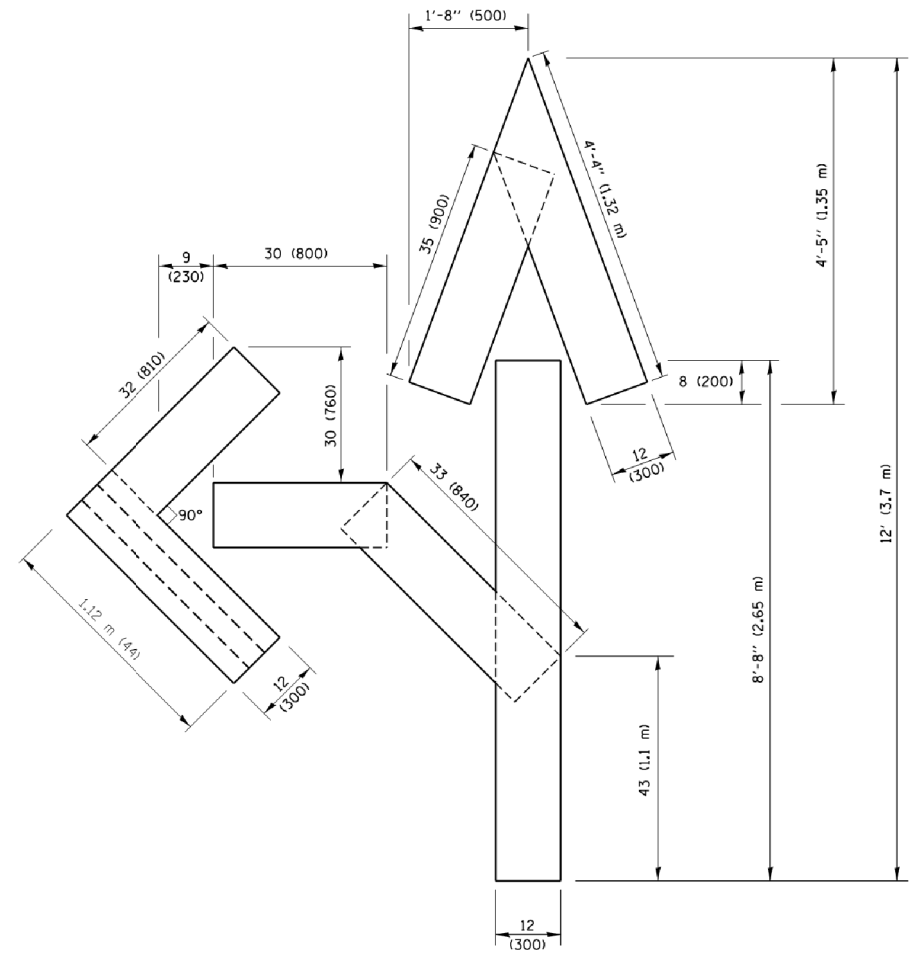
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	DISTRICT ONE TYPICAL PAVEMENT MARKINGS		F.A.U R.T.E. 0084	SECTION 15-00082-00-SP	COUNTY MCHENRY	TOTAL SHEETS 29	SHEET NO. 21
							TC-13		CONTRACT NO. 61F80		
ILLINOIS FED. AID PROJECT											



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

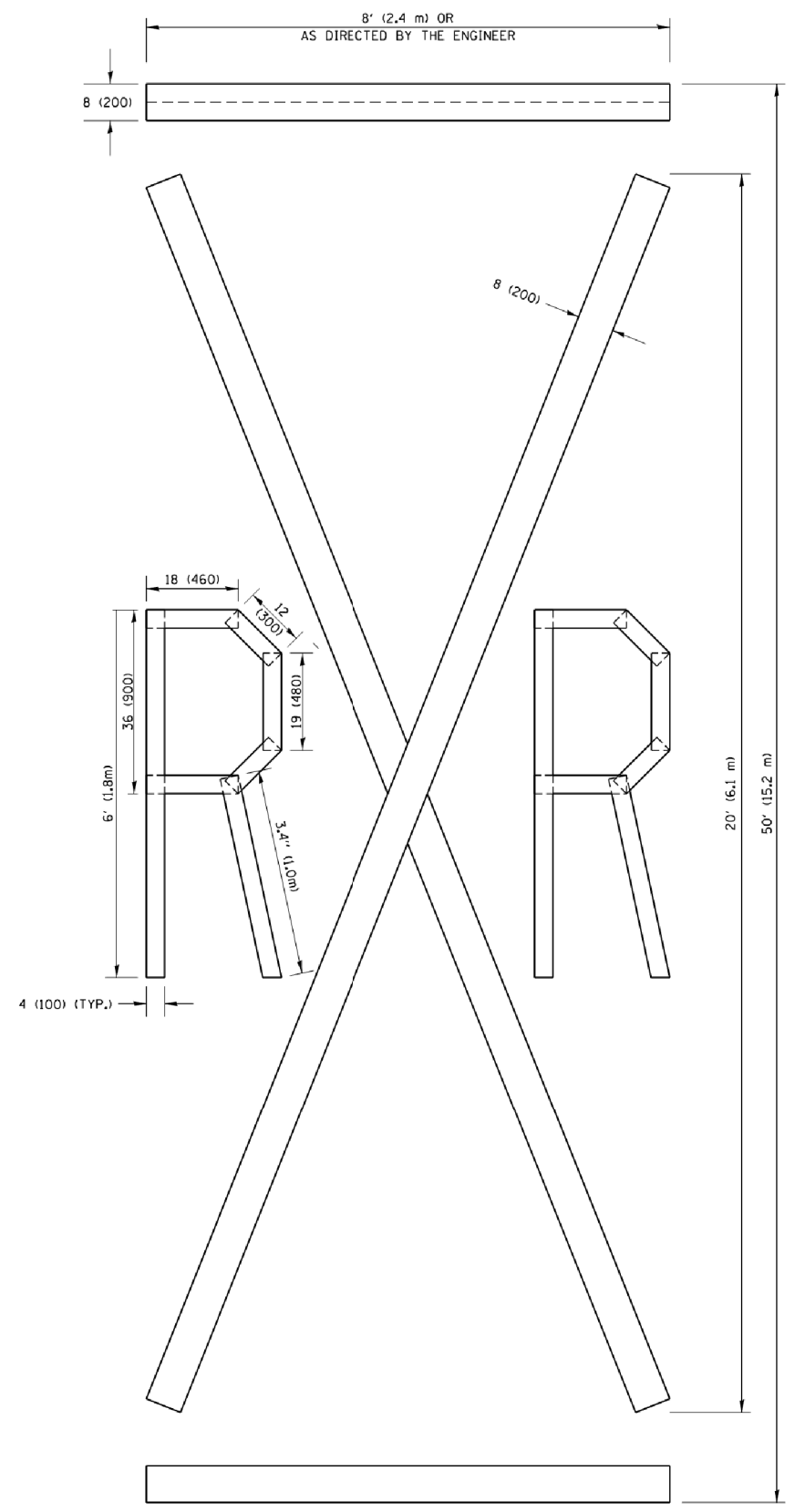


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

COMPANY NAME: 180600-sht-det-rc16.dgn
 PROJECT CONTACT: PROJECT CONTACTS
 DATE PLOTTED: 3/29/2019 10:59 PM
 FILE NAME: 180600-sht-det-rc16.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plottbl.tbl

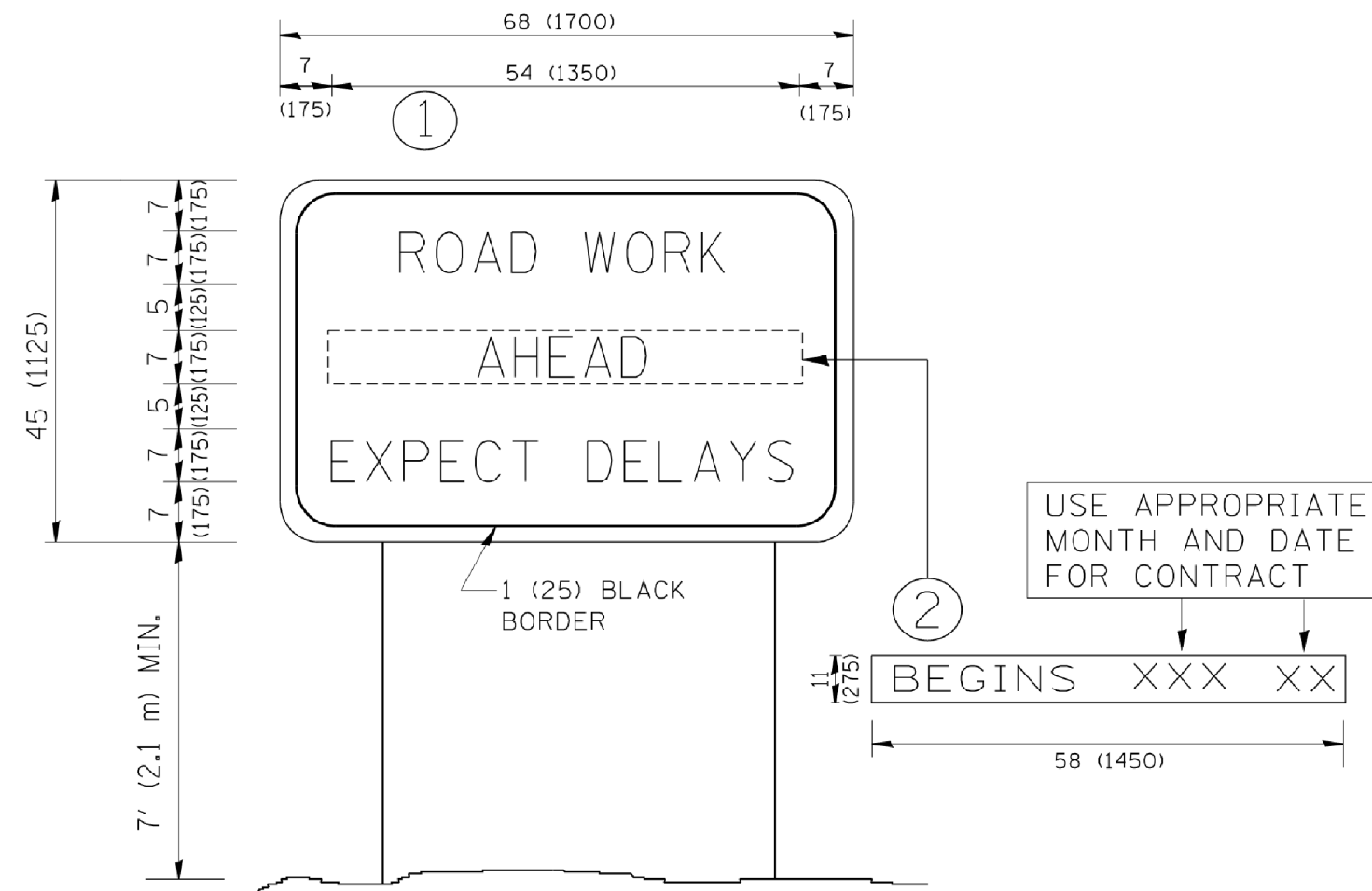
FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw\11084EBIDINTEG\illinois.gov\FWIDOT\Documents\1DOT Offices\District 1\Projects\Dist 1\CADD\CADData\CADsheets\rc16.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	22
TC-16		CONTRACT NO. 61F80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 3/29/2019 1:58:00 PM
 FILE NAME: 186600-sh1-det-rc22.dgn
 PLOT DRIVER: ILpdfwprtrfcq
 PEN TABLE: pla-table.tbl



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\diststd\22x34\rc22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

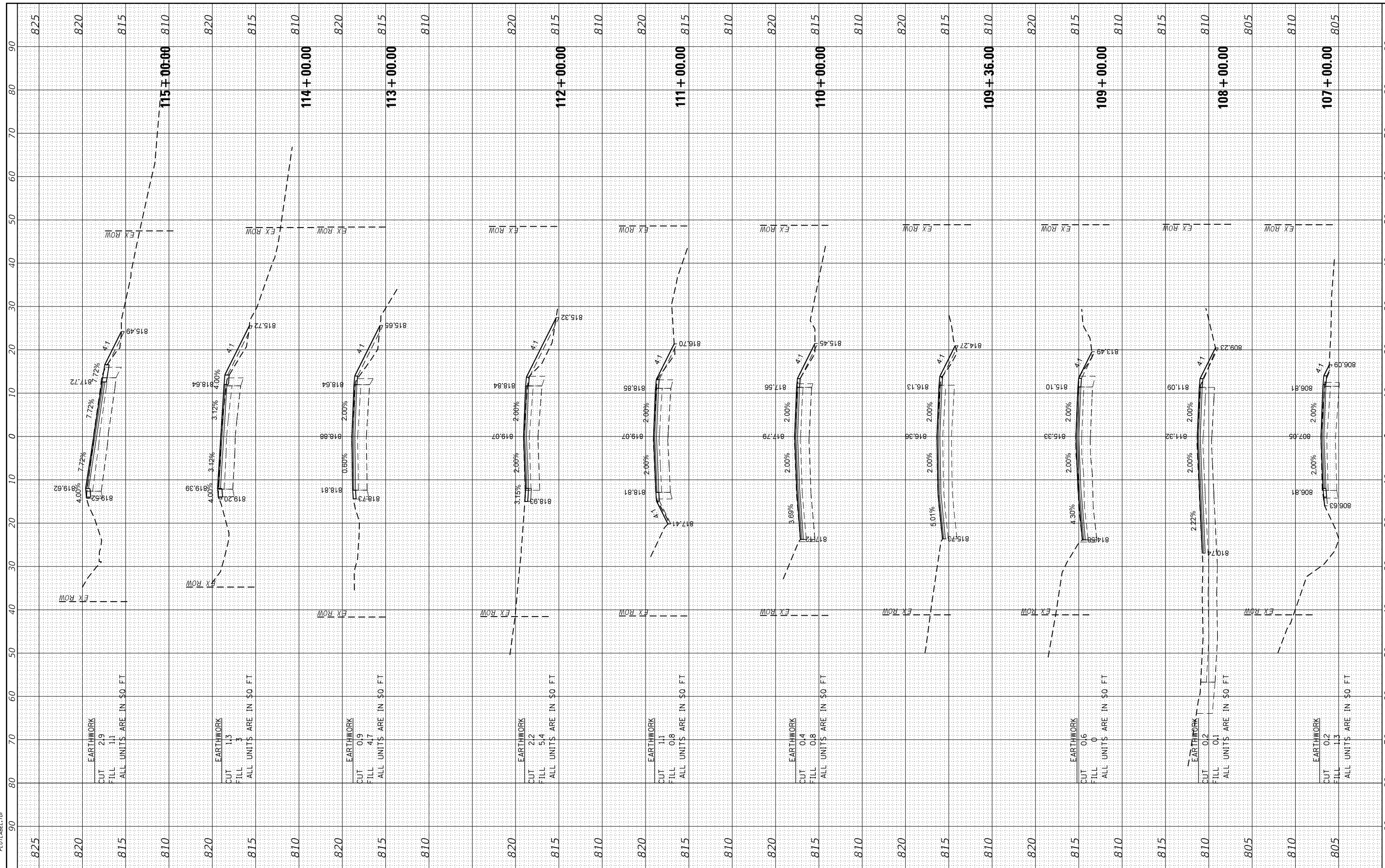
ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	23
TC-22		CONTRACT NO. 61F80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

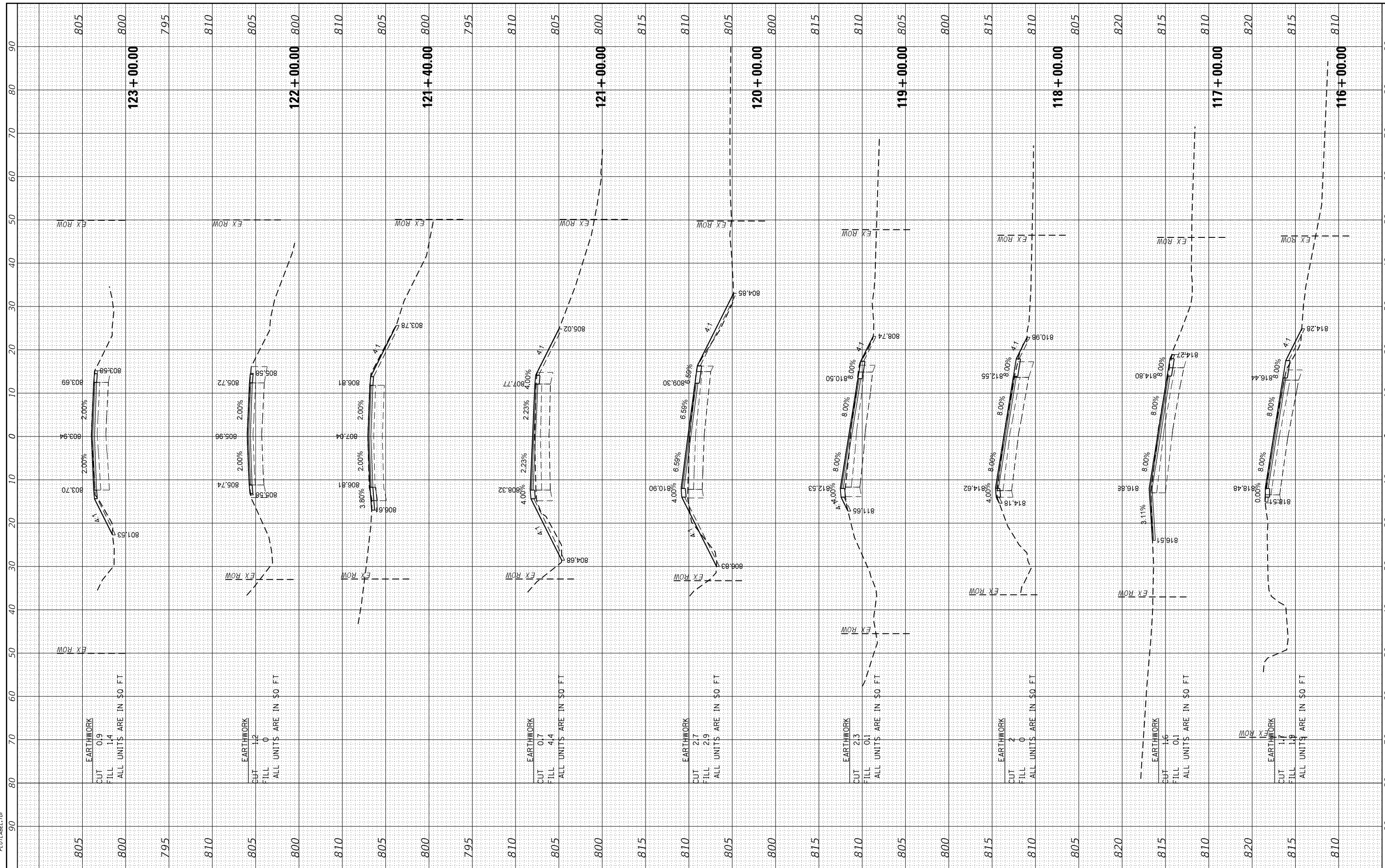
HRG PROJECT NO.: 060600
 FILE NAME: 060600-011-KC-ML-001
 PLOT DRIVER: IL060600.ctb
 PLOT TABLE: PLOT LABEL.tbl



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

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

HRG PROJECT NO.: 160600
 FILE NAME: 160600-011-KC-MI.dgn
 PLOT DRIVER: IL_cad.plt
 PLOT TABLE: PLOT LABEL.tbl



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhar-ta	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

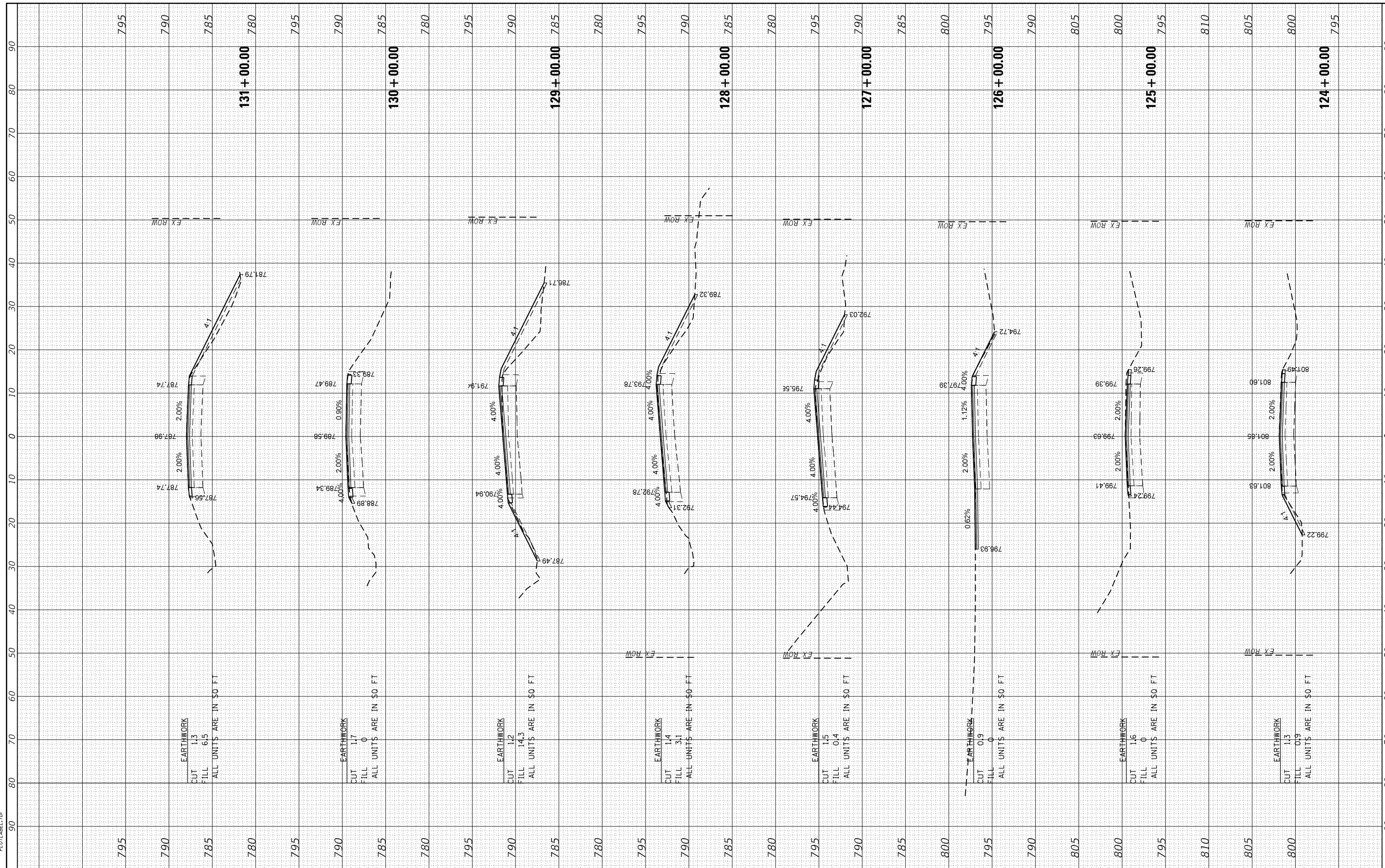
SCALE: 10H:5V	SHEET 2 OF 6 SHEETS	STA. 116+00.00 TO STA. 123+00.00
---------------	---------------------	----------------------------------

F.A.U. RTE. 0084	SECTION NO. 15-00082-00-SP	COUNTY MCHENRY	TOTAL SHEETS 29	SHEET NO. 25
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F80		

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

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

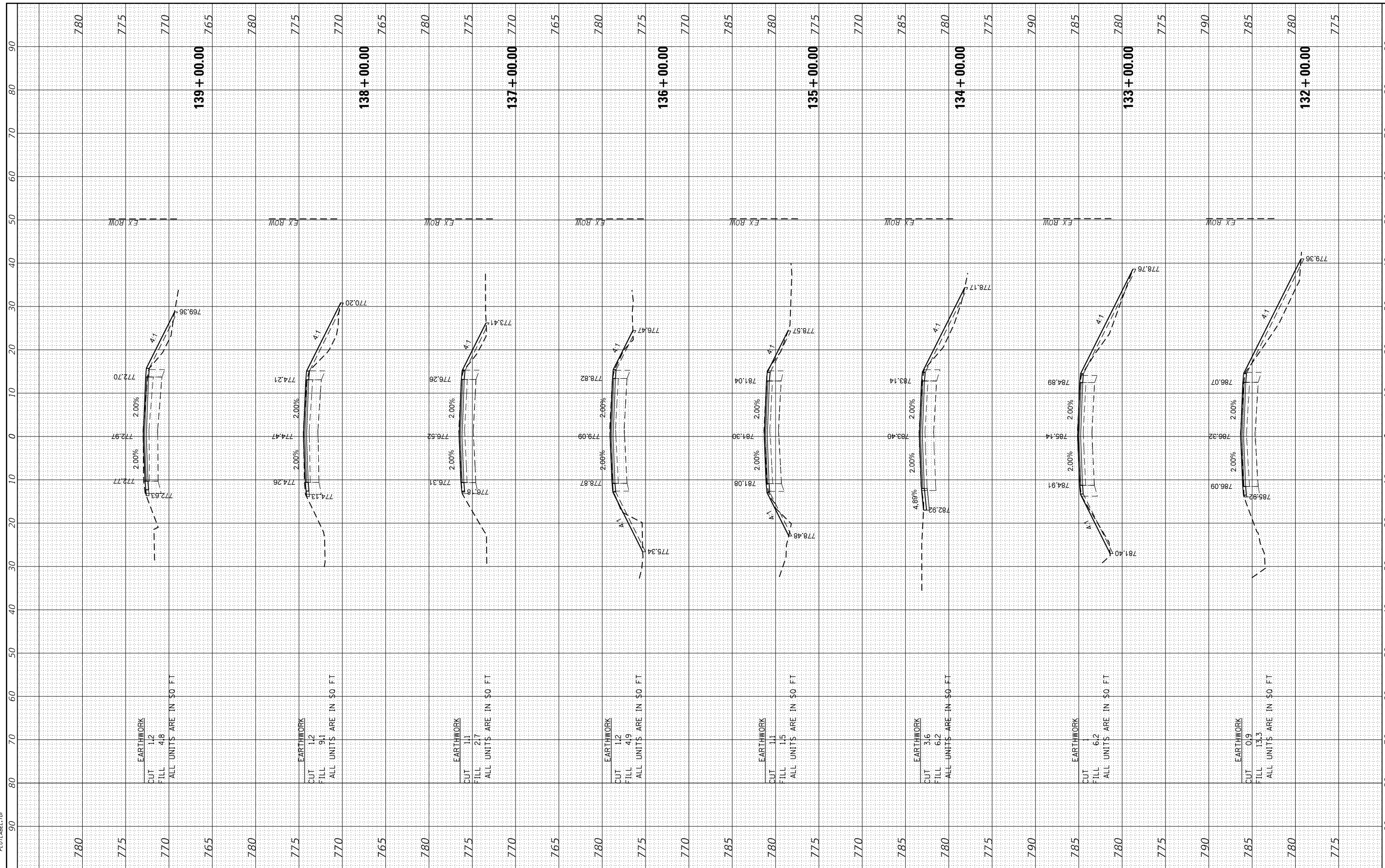
HRG PROJECT NO.: 060600
 FILE NAME: 060600-011-KC-MI.dgn
 PLOT DRIVER: ilcpld\hwartsf9
 PLOT TABLE: PLOT LABEL.tbl



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

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

HRG PROJECT NO.: 060600
 FILE NAME: 060600-011-KC-MI.dgn
 PLOT DRIVER: ilcpld\hwrtsefy
 PLOT TABLE: PLOT LABEL.tbl



HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhar-tno	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CURRAN ROAD IMPROVEMENTS**

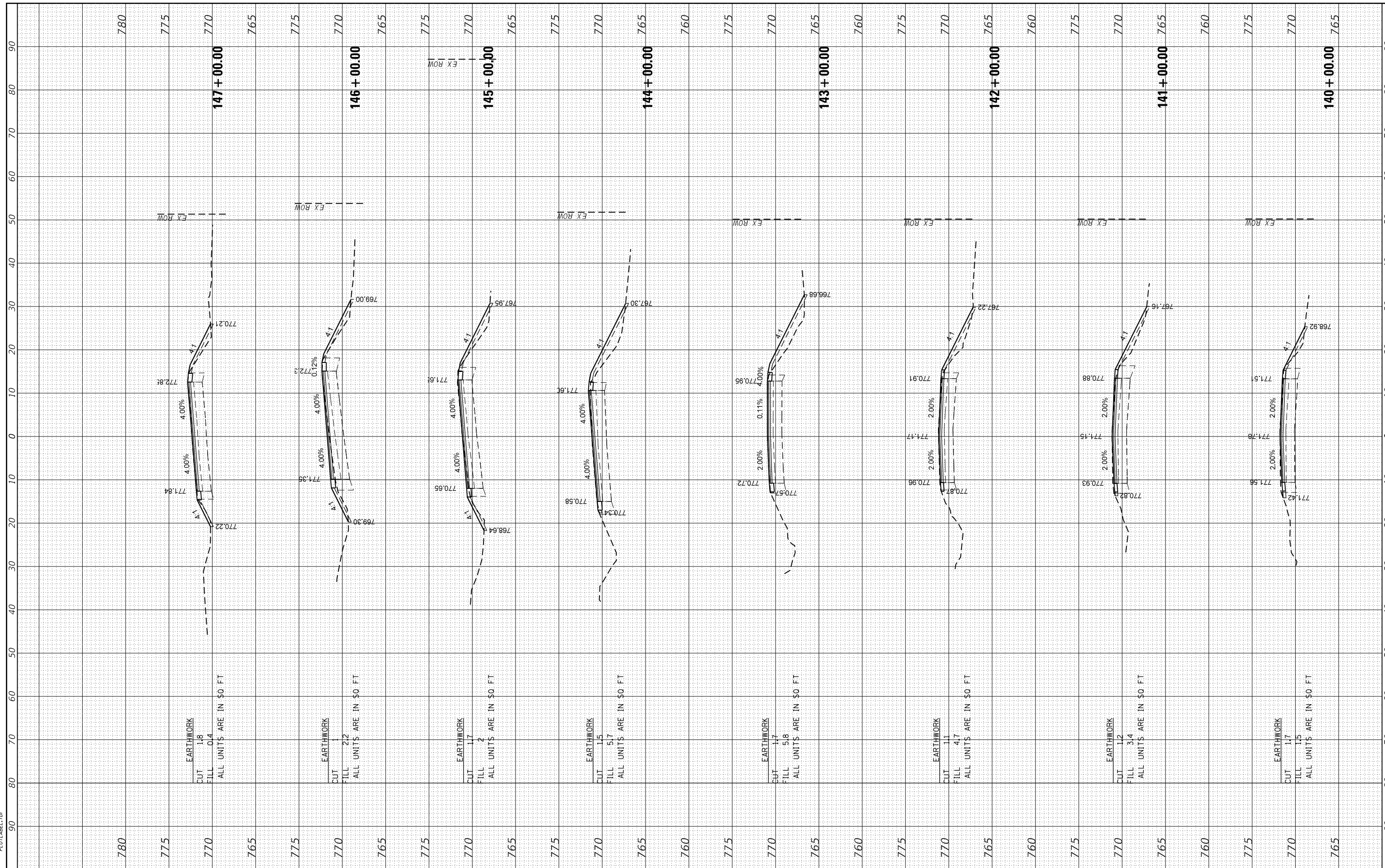
SCALE: 10H:5V SHEET 4 OF 6 SHEETS STA. 132+00.00 TO STA. 139+00.00

F.A.U. RTE. 0084	SECTION NO. 15-00082-00-SP	COUNTY MCHENRY	TOTAL SHEETS 29	SHEET NO. 27
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F80		

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

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

HRG PROJECT NO.: 060600
 FILE NAME: 060600-011-KC-MI-001
 PLOT DRIVER: IL_cad.plt
 PLOT TABLE: PLOT LABEL.tbl



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME	= bhar-tmo
DESIGNED	- BH
DRAWN	- DMS
CHECKED	- AC
DATE	- 2/25/2019

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CURRAN ROAD IMPROVEMENTS**

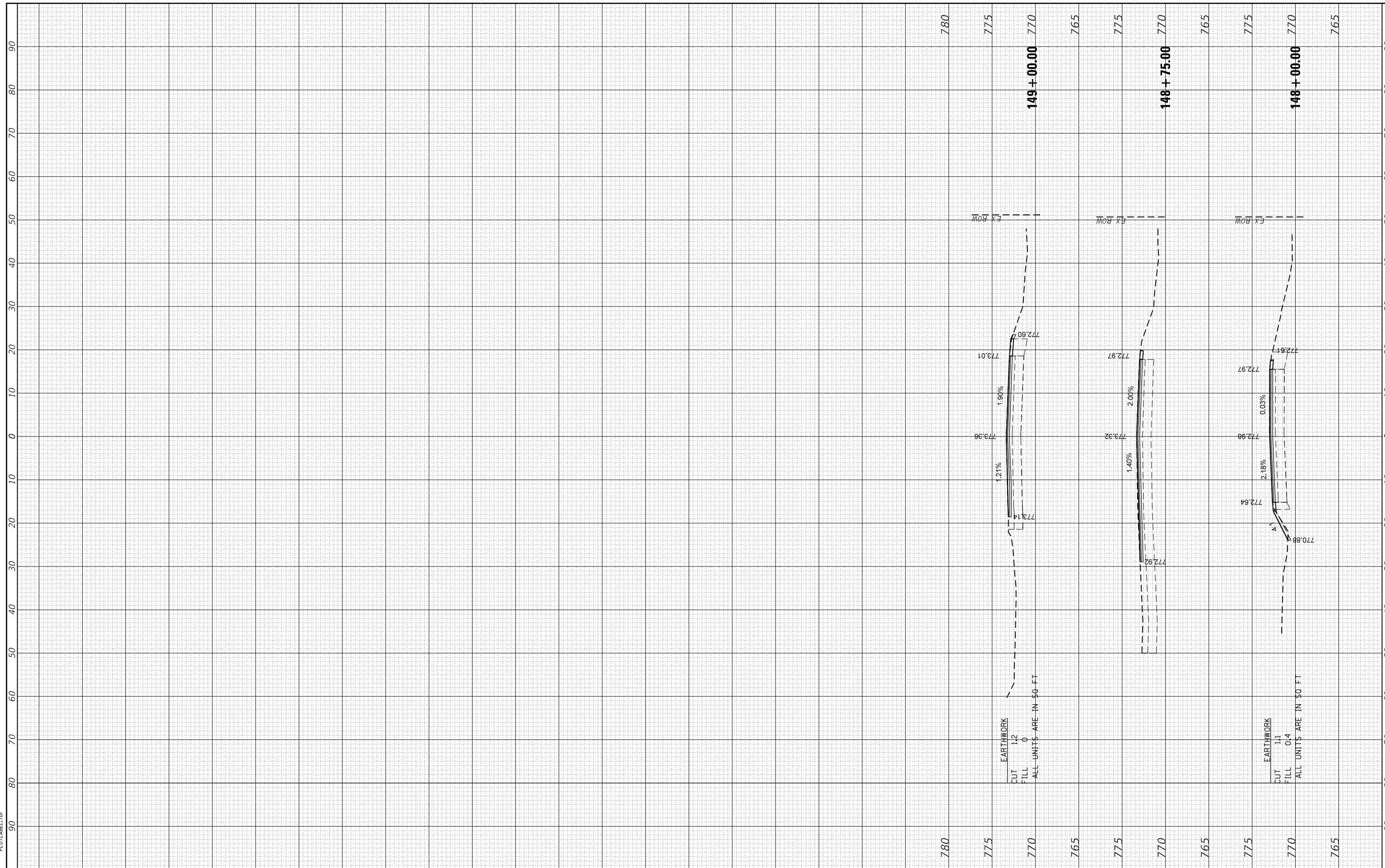
SCALE: 10H:5V SHEET 5 OF 6 SHEETS STA. 140+00.00 TO STA. 147+00.00

F.A.U. RE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
0084	15-00082-00-SP	MCHENRY	29	28
CONTRACT NO. 61F80				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT NO: 060600
 FILE NAME: 060600-011-KC-MI.dgn
 PLOT DRIVER: ilcpld\hw\rtcfy
 PEN TABLE: PLOTABEL.tbl



HRGreen
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhartha	DESIGNED - BH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS CURRAN ROAD IMPROVEMENTS			
SCALE: 10H:5V	SHEET 6 OF 6 SHEETS	STA. 148+00.00 TO STA. 149+00.00	

F.A.U. RTE. 0084	SECTION NO. 15-00082-00-SP	COUNTY MCHENRY	TOTAL SHEETS 29	SHEET NO. 29
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F80		