

06-15-12 LETTING ITEM 197  
VOLUME I

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT

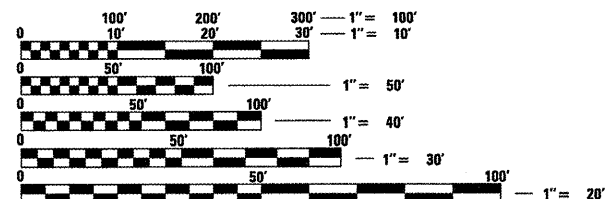
**PROJECT LOCATED IN THE  
VILLAGE OF ALGONQUIN**

**DESIGN DESIGNATION**

34,000(30) OTHER PRINCIPAL ARTERIAL 6.03 (PCC-20)

**TRAFFIC DATA**

	ADT (2030)	DESIGN SPEED	POSTED SPEED
IL ROUTE 31 (EDGEWOOD DRIVE TO HUNTINGTON DRIVE)	26,000	40 MPH	35 MPH
IL ROUTE 31 (HUNTINGTON DRIVE TO IL ROUTE 62)	16,000	40 MPH	40 MPH
IL ROUTE 31 (IL ROUTE 62 TO CARY-ALGONQUIN ROAD)	34,000	50 MPH	45 MPH
IL ROUTE 31 (CARY-ALGONQUIN ROAD TO KLASEN ROAD)	43,000	50 MPH	45 MPH
EDGEWOOD DRIVE	9,000	35 MPH	30 MPH
HUNTINGTON DRIVE	7,000	35 MPH	30 MPH
IL ROUTE 62 (EAST OF PROPOSED IL ROUTE 31)	48,000	35 MPH	30 MPH
IL ROUTE 62 (WEST OF PROPOSED IL ROUTE 31)	32,000	35 MPH	30 MPH



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

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

DISTRICT ONE - DESIGN  
PROJECT MANAGER: ISAAC KWARTENG (847) 705-4230  
PROJECT ENGINEER: ALIX BRICE (847) 705-4552

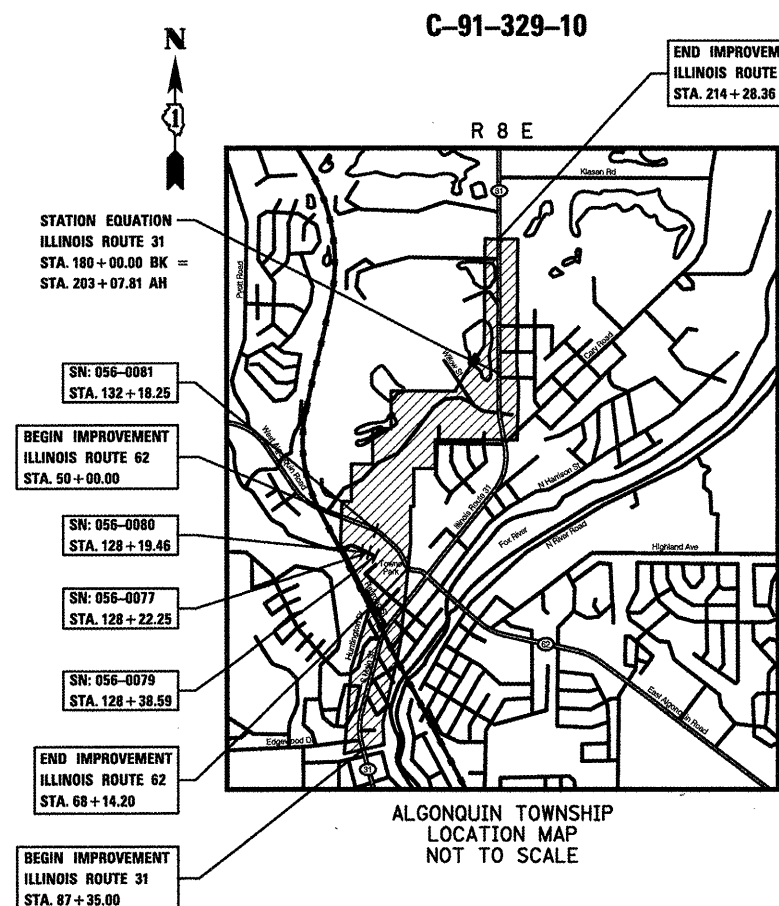
CONTRACT NO. 60F72

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

O.R. ROUTE 0003 (ALGONQUIN BYPASS)  
SECTION 18A-2  
ILLINOIS ROUTE 31 (N. JCT) TO ILLINOIS ROUTE 31 (S. JCT)

**NEW CONSTRUCTION, BRIDGE (NEW), RETAINING WALL  
McHENRY COUNTY**



GROSS LENGTH = 11,153.55 FT. = 2.112 MILES  
NET LENGTH = 11,153.55 FT. = 2.112 MILES

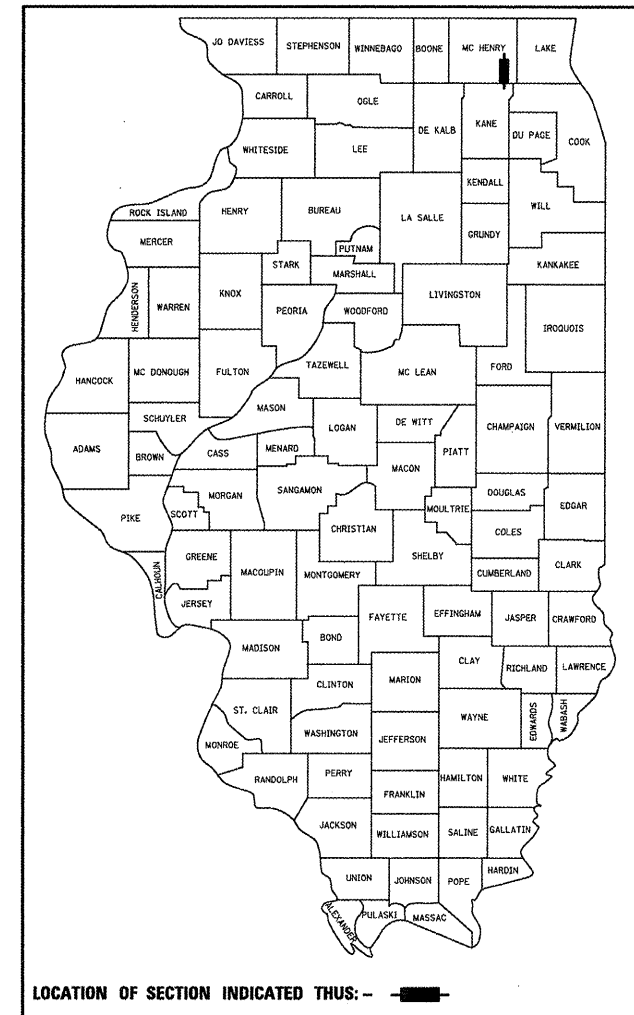
PLANS PREPARED BY:

**CIVILTECH**  
450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143  
Tel: 630.773.3900 - Fax: 630.773.3975  
www.civiltechinc.com

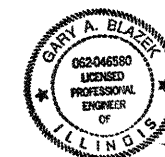
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MC HENRY	825	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 60F72	

\*825 + 1 = 826

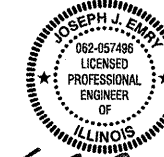
D-91-329-10



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -



*Gary A. Blazek* 11/30/2013  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 1-212, 229-262, 329-399, 670-825



*Joseph J. Emry* 11/30/13  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 263-297



*Derek N. Mall* 11/30/2013  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 298-328



*Gregory J. Hartselstad* 11/30/2012  
REGISTERED S.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 458-669

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED MARCH 16, 2018  
*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 2012  
*John D. Baranzolli P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2012  
*William R. Frey*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

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\* INCLUDES 44A, 322A, 456A,  
 \*\* SHEETS NOT USED 177, 263, 345, 410, 680, 767  
 ↳ 84,

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	DRAWN - CTB	REVISED -
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PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

Q.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	2
CONTRACT NO. 60F72			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

Rev.

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (MUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NAVD 88.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, MCHENRY COUNTY, AND THE VILLAGE OF ALGONQUIN, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POST OFFICE TO COORDINATE MAILBOX RELOCATION.
- NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

**PAVING, SHOULDERS AND CURB & GUTTER**

- FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPURTENANCES FROM MATERIAL TO REMAIN IN ACCORDANCE WITH SECTION 440. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
- PRIOR TO PLACING HOT-MIX ASPHALT ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HMA BEING PLACED.
- THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.
- REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE PAID FOR AS PART OF "EARTH EXCAVATION."
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 420 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES. ALL EXPOSED SURFACES OF CURBS AND GUTTERS, PCC DRIVEWAYS, AND PCC SIDEWALK. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.

**MISCELLANEOUS**

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SITE OBJECTS: REMOVAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALLS, CONCRETE FOOTINGS, LANDSCAPE TIMBERS, LANDSCAPE ROCKS, FENCES, FENCE POSTS, PLANTERS, VEGETATION, BRICK OR BRICK PAVEMENT WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCIDENTAL TO THE PAY ITEM FOR "EARTH EXCAVATION."
- WETLANDS: THE CONTRACTOR MUST BE IN COMPLIANCE WITH THE 404 PERMIT AT ALL TIMES. ACTIVITY IN DESIGNATED WETLAND AREAS IS RESTRICTED TO THOSE AREAS SPECIFICALLY IDENTIFIED AS "IMPACTED" ON THE PLAN SHEETS AND IN THE 404 PERMIT DOCUMENT. SIGNS SHALL BE POSTED AT EACH WETLAND SITE ALONG THE R.O.W. OR LIMIT OF ALLOWABLE IMPACT AS SHOWN ON THE EROSION CONTROL PLANS.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT. ANY DAMAGED PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, SEWER PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION."
- THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED BY THE DEPARTMENT DOES NOT COVER IN-STREAM WORK BY THE CONTRACTOR; THEREFORE, AFTER AWARD, THE CONTRACTOR WILL NEED TO COORDINATE AND HAVE HIS WORK PLAN APPROVED BY THE CORPS. THE CONTRACTOR SHALL PREPARE IN-STREAM WORK PLANS (ALL COFFERDAMS, WORK PADS, AND EROSION AND SEDIMENT CONTROL, ETC.) AND SUBMIT TO THE ENGINEER AND THE U.S. ARMY CORPS OF ENGINEERS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHOULD EXPECT TO HAVE TO ATTEND MEETINGS AT THE USACE OFFICE TO DISCUSS THEIR WORK PLAN IN ORDER TO SECURE THEIR 404 PERMIT. THE COST OF ALL IN-STREAM WORK ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN-STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEBSITE; [HTTP://WWW.LRC.USARC.ARMY.MIL/](http://www.lrc.usarc.army.mil/)
- SETTLEMENT PLATFORMS SHALL BE PLACED WHERE SHOWN ON THE PLANS AND CONSTRUCTED IN ACCORDANCE WITH SECTION 204.06 OF THE STANDARD SPECIFICATIONS. THE ENGINEER SHALL SURVEY AND RECORD THE ELEVATIONS FOR THE STEEL PLATE BASE, THE TOP OF EACH GRADE PIPE IMMEDIATELY PRIOR TO THE CONTRACTOR ADDING THE NEXT GRADE PIPE, AND THE TOP OF EACH GRADE PIPE AFTER IT HAS BEEN ADDED. THE ENGINEER SHALL ALSO SURVEY THE TOP GRADE PIPE WEEKLY THROUGHOUT THE DURATION OF THE PROJECT. THE COST OF FURNISHING, INSTALLING AND MAINTAINING SETTLEMENT PLATFORMS SHALL BE INCLUDED IN "EARTH EXCAVATION OR MECHANICALLY STABILIZED EARTH RETAINING WALL".

**UTILITIES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.
- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE WITH THE VILLAGE REGARDING SANITARY SEWER BYPASS PUMPING, WATERMAIN SHUTDOWNS, AND REMOVAL OR ADJUSTMENT OF ANY VILLAGE OWNED FACILITIES.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
- ALL MANHOLE, CATCH BASIN AND INLET COVERS, FRAMES AND GRATES THAT ARE VILLAGE CONTROLLED, SHALL CONFORM TO THE VILLAGE OF ALGONQUIN SPECIFICATIONS AND DETAILS.

**DRAINAGE**

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS.
- DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES OR CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS A PART OF THE STRUCTURE COST.
- ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ANY TEMPORARY DAMMING OR PUMPING REQUIRED FOR THE EXCAVATIONS FOR THE STORM SEWER OR CULVERT CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR CULVERT BEING CONSTRUCTED.
- FOR DRAINAGE STRUCTURES ALONG ALGONQUIN ROAD, INCLUDE NOTICE TEXT "DUMP NO WASTE" AND "DRAINS TO WATERWAY" OR SIMILAR WORDING MEETING THE APPROVAL OF THE MCDOT TO BE CAST INTO THE TOP OF THE LID, CURB INLET, OR GRATE (IF THE FRAME DOES NOT HAVE A CURB INLET). IF THE ENGINEER DETERMINES THAT THE PROPOSED GRATE IS NOT OF SUFFICIENT SIZE TO ALLOW THE TEXT, THE CONTRACTOR SHALL FURNISH AND INSTALL A SEPARATE GREY IRON OR DUCTILE IRON CASTING PLATE WITH THE NOTICE CASE OR ENGRAVED INTO THE PLATE. THE CONTRACTOR SHALL EMBED THE PLATE IN THE CONCRETE FLUSH WITH THE TOP OF CURB AT CURB DRAINAGE STRUCTURE LOCATIONS AS THE CURB IS CONSTRUCTED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURES BEING CONSTRUCTED.

**SIGNING, STRIPING & LANDSCAPING**

- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED, A RECORD MADE OF THEIR CONDITION, AND SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS.
- IMMEDIATELY AFTER EACH SIGN IS REMOVED, A TEMPORARY SIGN OF THE SAME TYPE SHALL BE INSTALLED ON A SIGN SUPPORT APPROVED BY, AND AT A LOCATION DETERMINED BY, THE ENGINEER. THESE SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN UNTIL THE PERMANENT SIGNS ARE REINSTALLED.
- ANY SIGN WHICH IS DAMAGED DURING THE TIME IT IS STORED SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE PRIOR TO PERMANENT REINSTALLATION.
- ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE JURISDICTION FROM WHICH IT WAS REMOVED: MCHENRY COUNTY DIVISION OF TRANSPORTATION (ALL SIGNS ON EXISTING ALGONQUIN ROAD) OR THE VILLAGE OF ALGONQUIN (ALL OTHER LOCATIONS).

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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		GAB	-
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		PLOT DATE =	REVISED -
		5/2/2012	-
		DATE -	REVISED -
		5/3/2012	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	3
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**SIGNING, STRIPING & LANDSCAPING**

7. THE COST OF STORING AND SAFEGUARDING THE PERMANENT SIGNS AND POSTS, AND REINSTALLING THE PERMANENT SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "RELOCATE SIGN PANEL ASSEMBLY" OF THE TYPE SPECIFIED. NEW SIGN SUPPORTS SHALL BE USED FOR REINSTALLED SIGNS UNLESS OTHERWISE NOTED. FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE TEMPORARY SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS. THE NEW SUPPORTS SHALL BE PAID FOR AS "TELESCOPING STEEL SIGN SUPPORT."

8. ALL SIGNS ON THE COUNTY HIGHWAY AND WITHIN THE COUNTY HIGHWAY RIGHT-OF-WAY SHALL CONFORM WITH IMUTCD, INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POSTS WITH GS WINGED SOIL ANCHORS.

9. ALL PERMANENT SIGNS THAT WILL BE INSTALLED ON VILLAGE RIGHT-OF-WAY SHALL CONFORM TO THE VILLAGE OF ALGONQUIN STANDARDS.

**EROSION CONTROL**

1. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT OF 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.

2. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.

3. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.

4. ALL DISTURBED AREAS SHALL BE SEEDED AS SHOWN ON THE LANDSCAPING PLANS AND/OR THE EROSION AND SEDIMENT CONTROL PLANS WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED.

5. ALL SLOPES 3:1 OR STEEPER SHALL BE SEEDED IMMEDIATELY AND COVERED WITH EROSION CONTROL BLANKET. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION AND WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR MORE SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING AND COVERED WITH MULCH METHOD 2 WITHIN SEVEN (7) CALENDAR DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL EARTH STOCKPILES SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING.

6. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.

7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.

8. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 02-60.

9. SEE STANDARD 280001-06 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.

10. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL", AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL."

11. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FILTER FENCE AND SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.

12. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT AND THE STORM WATER POLLUTION PREVENTION PLAN.

13. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SHOWN ON THE LANDSCAPING PLANS AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING BEFORE THE END OF THE FALL SEEDING RESTRICTION SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING. SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS SPECIFIED TO COVER THE LIMITS OF THE LANDSCAPING WITHIN THE CONSTRUCTION ZONE.

14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY CONSTRUCTION EQUIPMENT OR BY HIS LABORERS. THE CONTRACTOR SHALL MAKE SURE THAT DEBRIS OR ANY KIND OF CONSTRUCTION WASTE MATERIAL IS NOT DISPOSED OF OR STORED IN WETLANDS.

15. AT THE END OF EACH WORK DAY, THE SITE SHALL BE GRADED TO MAINTAIN THE DRAINAGE PATTERN ESTABLISHED IN THE EROSION CONTROL PLAN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL ITEMS.

**EROSION CONTROL**

16. PERIMETER EROSION BARRIER SHALL BE PLACED ONE (1) FOOT INSIDE THE RIGHT-OF-WAY LINE AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

17. TREE PROTECTION SHALL CONSIST OF ITEMS "TEMPORARY FENCING" AND "TREE TRUNK PROTECTION" AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS. TEMPORARY FENCING SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED, NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS DETERMINED BY THE ENGINEER.

19. ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTER OR DRAINAGE STRUCTURE DURING CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.

20. THE COMPENSATORY STORAGE EXCAVATION SHALL BE PERFORMED PRIOR TO ANY FILLING OF THE FLOODWAY.

21. STONE RIPRAP SHALL BE USED AS SHOWN ON THE PLANS TO PREVENT SCOURING AND DOWNSTREAM EROSION.

22. EROSION CONTROL MEASURES AROUND PROPOSED INLETS AND CULVERTS SHALL BE CONSTRUCTED IMMEDIATELY AFTER THE DRAINAGE ITEMS ARE CONSTRUCTED.

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

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

25. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE DEPARTMENT.

26. ALL COMPLETED SLOPES SHALL BE SEEDED AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

27. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN OR NEAR CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

28. A STABILIZED CONSTRUCTION EXIT SHALL BE USED TO MINIMIZE SOIL AND SEDIMENT FROM BEING TRACKED OFF OF THE CONSTRUCTION SITE. THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF THE EXITS AND THE PROCEDURE(S) HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

29. THE USE OF HAY OR STRAW BALES SHALL NOT BE PERMITTED IN THE IMPLEMENTATION OF TEMPORARY DITCH CHECKS.

**SPECIAL WASTE**

1. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

**MAINTENANCE OF TRAFFIC**

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.

2. EARTH EXCAVATION WASTE MAY BE STOCKPILED WITHIN THE LIMITS OF THE STOCKPILE AREA LOCATED NORTH AND EAST OF THE PROPOSED INTERCHANGE, IDENTIFIED IN THE PLAT OF HIGHWAYS AS PARCEL 1FH0021.

3. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

4. THE CONTRACTOR SHALL MAINTAIN 11-FOOT (MIN) DRIVING LANES ON ALL ROADS UNLESS DIRECTED BY THE ENGINEER OR OTHERWISE SHOWN ON THE PLANS.

5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS DURING CONSTRUCTION OPERATIONS. A QUANTITY OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THE CONTRACT FOR THIS PURPOSE.

6. BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901-01.

7. THE CONTRACTOR SHALL NOTIFY ALL MUNICIPALITIES, EMERGENCY SERVICES, AND SCHOOL DISTRICTS THAT WILL BE AFFECTED BY ANY ROAD CLOSURES OR DETOURS 72 HOURS PRIOR TO THEIR IMPLEMENTATION.

8. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL" PER LINEAL FOOT.

9. REMOVAL OF TEMPORARY PAVEMENT MARKINGS WHERE REQUIRED, SHALL BE INCIDENTAL TO "TEMPORARY PAINT PAVEMENT MARKING" AND "PAVEMENT MARKING TAPE."

10. PERMANENT DRAINAGE STRUCTURES INSTALLED OUTSIDE THE WORK ZONE THAT HAVE FINAL RIM ELEVATIONS THAT WILL CONFLICT WITH TRAFFIC SHALL BE CONSTRUCTED WITH A FLAT SLAB TOP WITH A STEEL PLATE COVERING THE TOP OPENING. DURING PERMANENT PAVEMENT CONSTRUCTION, THE FLAT SLAB TOP AND STEEL PLATE SHALL BE REMOVED AND THE STRUCTURE CONSTRUCTED TO FINAL GRADE. THIS WORK SHALL BE INCIDENTAL TO THE TYPE OF STRUCTURE INSTALLED.

11. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR MONTH.

12. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.

13. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED.

14. EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.

15. TEMPORARY LANE CLOSURES WILL BE ALLOWED ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M. UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND WALLY DITTRICH, DESIGN MANAGER AT THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (815-334-4980) PRIOR TO CLOSING ANY LANES.

16. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.

17. "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING ALONG ILLINOIS ROUTE 31. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

FILE NAME = ...\\D168F72-shr-gennote-02.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>				O.R. REL. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 4
		DRAWN - DTE	REVISED -		SCALE:	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	<b>CONTRACT NO. 60F72</b>				
		CHECKED - GAB	REVISED -										
		DATE - 5/3/2012	REVISED -										
		PLOT SCALE = 2.0000' / in.											
		PLOT DATE = 5/2/2012											
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT													



**COMMITMENTS**

1. CONTINUITY OF THE MCHENRY COUNTY CONSERVATION DISTRICT'S PRAIRIE TRAIL WILL BE RE-ESTABLISHED.
2. A NOISE ATTENUATION WALL WILL BE PROVIDED, AT A MINIMUM, ALONG THE NORTH SIDE OF THE BYPASS BEGINNING AT THE HUNTINGTON DRIVE INTERSECTION AND CONTINUING TO THE BYPASS BRIDGE STRUCTURES OVER TOWNE PARK AND CRYSTAL CREEK. COORDINATION WITH THE VILLAGE OF ALGONQUIN AND THE MCHENRY COUNTY CONSERVATION DISTRICT (MCCD) WILL BE REQUIRED DURING THE DESIGN OF THE WALL.
3. A FENCE WILL BE PROVIDED BETWEEN THE REALIGNED MCCD PRAIRIE TRAIL AND THE RAILROAD STREET RIGHT-OF-WAY EXTENDING PAST ST. JOHN'S EVANGELICAL LUTHERAN CHURCH INTO THE PARK.
4. LANDSCAPE SCREENING OF THE PROPOSED BYPASS WILL BE PROVIDED FOR THE RESIDENTS LOCATED ALONG RAILROAD STREET. COORDINATION WITH THE VILLAGE OF ALGONQUIN AND RESIDENTS WILL BE REQUIRED DURING THE DESIGN PHASE OF THE PROJECT.
5. THE EXISTING DRAINAGE PROBLEMS EXPERIENCED ALONG RAILROAD STREET WILL BE CORRECTED AS PART OF THE PROPOSED IMPROVEMENT.
6. DECORATIVE TREATMENTS WILL BE INCORPORATED INTO THE DESIGN OF THE PROPOSED BRIDGE STRUCTURES OVER TOWNE PARK, CRYSTAL CREEK AND ALGONQUIN ROAD. COORDINATION WITH THE VILLAGE OF ALGONQUIN WILL BE REQUIRED DURING THE DESIGN OF THE AESTHETIC FEATURES OF THE BRIDGE.
7. THE OFFICIAL ILLINOIS ROUTE 31 DESIGNATION WILL BE MOVED TO THE NEW BYPASS FACILITY UPON COMPLETION. EXISTING ILLINOIS ROUTE 31 FROM NORTH OF HUNTINGTON DRIVE TO THE MAIN STREET (NORTH) INTERSECTION WILL BE JURISDICTIONALLY TRANSFERRED TO A LOCAL AGENCY. DETAILS OF THIS TRANSFER WILL BE DETERMINED DURING THE DESIGN PHASE OF THIS PROJECT.
8. IN ORDER TO PROVIDE SYSTEM CONTINUITY, THE ILLINOIS ROUTE 62 DESIGNATION WILL BE EXTENDED ALONG ALGONQUIN ROAD FROM EXISTING ILLINOIS ROUTE 31 TO THE NEW BYPASS INTERCHANGE.
9. FULL ACCESS WILL BE MAINTAINED AT THE ALGONQUIN POST OFFICE LOCATED AT 801 WEST ALGONQUIN ROAD.
10. CONSTRUCTION OF THE SUBURBAN CROSS SECTION WITH CURB AND GUTTER REQUIRES THE SPEED LIMIT ALONG ILLINOIS ROUTE 31 TO BE REDUCED FROM 50/55 MPH TO 45 MPH.
11. IT HAS BEEN AGREED TO MITIGATE THE IMPACTS TO TOWNE PARK AND THE PRAIRIE TRAIL CAUSED BY THE CONSTRUCTION OF THE BYPASS. THE MITIGATION PLAN FOR THE PARK AND BIKE TRAIL IS CONTAINED IN THE SECTION 4(F) EVALUATION PREPARED FOR THIS PROJECT. THE VILLAGE OF ALGONQUIN, THE MCHENRY COUNTY CONSERVATION DISTRICT, THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION HAVE CONCURRED WITH THE PROPOSED MITIGATION PLAN.
12. WETLAND MITIGATION CREDITS WILL BE SECURED FROM AN APPROVED WETLAND BANK PRIOR TO CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS IN THE ENVIRONMENTAL ASSESSMENT. EFFORTS TO REDUCE IMPACTS, IF POSSIBLE, WILL BE MADE DURING THE DESIGN PHASE.
13. ALL APPLICABLE PERMITS WILL BE OBTAIN DURING THE DESIGN PHASE OF THIS PROJECT.

**HIGHWAY STANDARDS**

- |           |  |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS   |
| 001001-02 | AREAS OF REINFORCEMENT BARS  |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT   |
| 280001-05 | TEMPORARY EROSION CONTROL SYSTEMS  |
| 420001-07 | PAVEMENT JOINTS  |
| 420101-04 | 24' JOINTED PCC PAVEMENT   |
| 420106-04 | 36' (10.8 m) JOINTED PCC PAVEMENT  |
| 420111-03 | PCC PAVEMENT ROUNDOUTS   |
| 420201-07 | ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVT. ADJACENT TO JOINTED PCC MAINLINE PAVT.) |
| 420301-04 | EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVT. ADJACENT TO JOINTED PCC MAINLINE PAVT.)     |
| 420401-08 | BRIDGE APPROACH PAVEMENT CONNECTOR   |
| 421001-02 | BAR REINFORCEMENT FOR CRC PAVEMENT   |
| 424001-06 | CURB RAMPS FOR SIDEWALKS   |
| 442201-03 | CLASS C AND D PATCHES  |
| 482001-03 | HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT   |
| 483001-04 | PCC SHOULDER   |
| 515001-03 | NAME PLATE FOR BRIDGES   |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION   |
| 542311-03 | GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54")                             |
| 542401-01 | METAL END SECTION FOR PIPE CULVERTS  |
| 542601-03 | REINFORCED CONCRETE PIPE ELBOW   |
| 601001-04 | SUB-SURFACE DRAINS   |
| 601101-01 | CONCRETE HEADWALL FOR PIPE DRAIN   |
| 602001-02 | CATCH BASIN TYPE A   |
| 602006-03 | CATCH BASIN TYPE B   |
| 602011-02 | CATCH BASIN TYPE C   |
| 602301-03 | INLET, TYPE A  |
| 602401-03 | MANHOLE TYPE A   |
| 602406-05 | MANHOLE TYPE A, 6' DIAMETER  |
| 602411-03 | MANHOLE TYPE A, 7' DIAMETER  |
| 602416-03 | MANHOLE TYPE A 8' DIAMETER   |
| 602421-03 | MANHOLE TYPE A, 9' DIAMETER  |
| 602501-02 | VALVE VAULT, TYPE A  |
| 602601-02 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP  |
| 602701-02 | MANHOLE STEPS  |
| 604001-03 | FRAMES AND LIDS TYPE 1   |
| 604031-02 | GRATE TYPE 7   |
| 604036-02 | GRATE TYPE 8   |
| 604071-04 | FRAME AND GRATE, TYPE 20   |
| 604091-02 | FRAME AND GRATE, TYPE 24   |
| 606001-04 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER                            |
| 606006-02 | OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)                             |
| 606301-04 | PC CONCRETE ISLANDS AND MEDIANS  |
| 630001-10 | STEEL PLATE BEAM GUARDRAIL   |
| 630301-05 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS                             |
| 631011-08 | TRAFFIC BARRIER TERMINAL, TYPE 2   |
| 631026-05 | TRAFFIC BARRIER TERMINAL, TYPE 5   |
| 631031-10 | TRAFFIC BARRIER TERMINAL, TYPE 6   |
| 635001-01 | DELINEATORS  |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT  |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS  |
| 637006-02 | CONCRETE BARRIER DOUBLE FACE 42 IN   |
| 664001-02 | CHAIN LINK FENCE   |
| 701201-04 | LANE CLOSURE 2L 2W DAY ONLY  |
| 701301-04 | LANE CLOSURE 2L 2W SHORT TIME OPERATIONS   |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED  |
| 701502-04 | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE                          |
| 701601-07 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN                     |
| 701602-05 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE                    |
| 701606-08 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN                                |
| 701801-05 | LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE                         |
| 701901-02 | TRAFFIC CONTROL DEVICES  |
| 704001-07 | TEMPORARY CONCRETE BARRIER   |
| 720001-01 | SIGN PANEL MOUNTING DETAILS  |
| 720006-03 | SIGN PANEL ERECTION DETAILS  |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS   |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT   |
| 731001-01 | BASE FOR TELESCOPING STEEL SIGN SUPPORT  |
| 780001-03 | TYPICAL PAVEMENT MARKINGS  |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                                |
| 814001-02 | HANDHOLES  |
| 814006-02 | DOUBLE HANDHOLES   |
| 857001-01 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES                                |
| 862001-01 | UNINTERRUPTIBLE POWER SUPPLY   |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING   |
| 877001-05 | STEEL MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'                                      |
| 877006-04 | STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS                                   |
| 877011-05 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'                          |
| 878001-09 | CONCRETE FOUNDATION DETAILS  |
| 880001-01 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION                             |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS  |
| 886001-01 | DETECTOR LOOP INSTALLATIONS  |

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL NOTES</b>	
SCALE:	SHEET NO. 3 OF 3 SHEETS
STA.	TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	5
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE				100% STATE				100% STATE				100% STATE		100% STATE																
				0001		0003		0004		0005		0008				0021		0021				0031		0043		0044								
				ROADWAY STATE	ROADWAY LOCAL	ROADWAY STATE	ROADWAY LOCAL	ROADWAY STATE	ROADWAY LOCAL	ROADWAY STATE	ROADWAY LOCAL	BRIDGE	SN	SN	SN	SN	PATH	LIGHTING	TRAFFIC SIGNALS				LANDSCAPING		SAFETY		UTILITIES		CREEK RELOCATE					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	9000	9000																														
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	4046	4000																														46
20101000	TEMPORARY FENCE	FOOT	7396	5105																													2291	
20101100	TREE TRUNK PROTECTION	EACH	75	75																														
20101200	TREE ROOT PRUNING	EACH	50	50																														
20200100	EARTH EXCAVATION	CU YD	224640	224640																														
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20111	20111																														
20400800	FURNISHED EXCAVATION	CU YD	58510	58510																														
20700220	POROUS GRANULAR EMBANKMENT	CU YD	4246											4233																			13	
20800150	TRENCH BACKFILL	CU YD	8324	528	222	4682	170	647	333	742																								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	227225	221015																														6210
25000100	SEEDING, CLASS 1	ACRE	3.00																															
25000115	SEEDING, CLASS 1B	ACRE	0.50																															
25000210	SEEDING, CLASS 2A	ACRE	14.75																															
25000310	SEEDING, CLASS 4	ACRE	20																															
25000312	SEEDING, CLASS 4A	ACRE	2.75																															
25000314	SEEDING, CLASS 4B	ACRE	2.50																															
25000322	SEEDING, CLASS 5A	ACRE	2.75																															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1898																															107
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1898																															107
25000775	SELECTIVE MOWING STAKES	EACH	213																															
25100115	MULCH METHOD 2	ACRE	6.00	6.00																														
25100630	EROSION CONTROL BLANKET	SQ YD	222905	179576		33189		1705																										8435
25100900	TURF REINFORCEMENT MAT	SQ YD	494	494																														
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	26																															26
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5036	4308		686		35																										7
28000305	TEMPORARY DITCH CHECKS	FOOT	1751	1591		160																												
28000400	PERIMETER EROSION BARRIER	FOOT	21524	12625		6762		407																										1730
28000510	INLET FILTERS	EACH	254	102		142		10																										
28001000	AGGREGATE (EROSION CONTROL)	TON	742	742																														

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

○ Specialty Items

FILE NAME = ...D160F72-shr-summary-01.dgn	USER NAME = etb	DESIGNED - DTE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.0000' / in.	DRAWN - CTB	REVISED -			0003	18A-2	MCHENRY	825	6	
	PLOT DATE = 5/8/2012	CHECKED - GAB	REVISED -			CONTRACT NO. 60F72					
		DATE - 5/3/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SCALE: SHEET NO. 1 OF 22 SHEETS STA. TO STA.



CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE				100% STATE				100% STATE				100% STATE		100% STATE											
				0001		0003		0004	0005		0008				0028	0021		0021				0031		0021	0040	0043		0044	
				ROADWAY		ROADWAY		ROADWAY	ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAIN ING WALLS	UTILITIES		CREEK RELOCATE	
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCO NNECT	STATE	100% LOCAL		STATE	100% LOCAL	STATE	100% LOCAL
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	3063	3063																									
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	382	61		287					34																		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1414	168		1217					29																		
42400800	DETECTABLE WARNINGS	SQ FT	823																										823
44000100	PAVEMENT REMOVAL	SQ YD	38455	2498		35168					789																		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	4194								4194																		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	17380	8656		7890	598				236																		
44000300	CURB REMOVAL	FOOT	845			845																							
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	13843	1068		12775																							
44000600	SIDEWALK REMOVAL	SQ FT	9002	1279		7467					256																		
44003100	MEDIAN REMOVAL	SQ FT	50			50																							
44004250	PAVED SHOULDER REMOVAL	SQ YD	5347	1016		4278					53																		
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	4			4																							
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	70			50					20																		
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	213			141					72																		
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	2508	50		1904					554																		
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	1181			1181																							
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1583	1160		393					30																		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	77	23		54																							
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	6041	6041																									
50104400	CONCRETE HEADWALL REMOVAL	EACH	1			1																							
50105220	PIPE CULVERT REMOVAL	FOOT	585	251		334																							
50200100	STRUCTURE EXCAVATION	CU YD	6926								30																		6896
50200300	COFFERDAM EXCAVATION	CU YD	2033							970		297	766																
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	4533								4378																		155
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1								1																		
50201102	COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1								1																		
50201103	COFFERDAM (TYPE 1) (LOCATION - 3)	EACH	1																										
50201104	COFFERDAM (TYPE 1) (LOCATION - 4)	EACH	1																										
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1																										

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- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME =  
... \DIB072-sht-summary-03.dgn

USER NAME = ctb	DESIGNED - DTE	REVISED -
	DRAWN - CTB	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED - GAB	REVISED -
PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 3 OF 22 SHEETS STA. TO STA.

D.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	8
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			CONTRACT NO. 60F72	



CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE		100% STATE															
				0001 ROADWAY		0003 ROADWAY		0004 ROADWAY		0005 ROADWAY		0008 BRIDGE				0028 PATH	0021 LIGHTING		0021 TRAFFIC SIGNALS				0031 LANDSCAPING		0021 SAFETY	0040 RETAINING WALLS		0043 UTILITIES		0044 CREEK RELOCATE							
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	STATE	100% LOCAL	STATE	100% LOCAL							
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1																																		
50300225	CONCRETE STRUCTURES	CU YD	1208.6																																		540.5
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3323																																	1281	
50300260	BRIDGE DECK GROOVING	SQ YD	4699																																		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	38455																																	21826	
50300300	PROTECTIVE COAT	SQ YD	8559																																	2440	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1																																		
50500505	STUD SHEAR CONNECTORS	EACH	8084																																	1439	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	727260																																	205040	
50800515	BAR SPLICERS	EACH	452																																		
50900105	ALUMINUM RAILING, TYPE L	FOOT	715																																	715	
51100100	SLOPE WALL 4 INCH	SQ YD	317																																		
51201800	FURNISHING STEEL PILES HP14X73	FOOT	11115																																		
51202305	DRIVING PILES	FOOT	11115																																		
51203800	TEST PILE STEEL HP14X73	EACH	8																																		
51204650	PILE SHOES	EACH	155																																		
51500100	NAME PLATES	EACH	4																																		
52000110	PREFORMED JOINT STRIP SEAL	FOOT	462																																		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	30																																		
52100520	ANCHOR BOLTS, 1"	EACH	60																																		
52100530	ANCHOR BOLTS, 1 1/4"	EACH	60																																		
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	23				23																														
54210182	PIPE ELBOW 12"	EACH	6	6																																	
54210184	PIPE ELBOW 15"	EACH	2	2																																	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	42	41					1																												
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3																																	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	5	5																																	

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME =  
 ... \0160F72-sht-summary-04.dgn

USER NAME = ctb	DESIGNED - DTE	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - CTB	REVISED -
PLOT DATE = 5/8/2012	CHECKED - GAB	REVISED -
	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 4 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	9
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

100% STATE

100% STATE

100% STATE

100% STATE

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN		0001		0003		0004		0005		0008				0028	0021		0021						0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS						LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	RETAINING WALLS	STATE	100% LOCAL	UTILITIES	CREEK RELOCATE		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	1			1																										
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4																													
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2																													
54215991	REINFORCED CONCRETE PIPE ELBOW 36"	EACH	2	2																													
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2																													
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	4	4																													
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2																													
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	4603	2965			1254			244	140																						
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	436	304			127				5																						
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	334	276			58																										
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	61	61																													
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	415				415																										
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	4748	2729			1846				173																						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	585	226			206				153																						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1415	302			1113																										
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	344	81			67			175	21																						
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	430				430																										
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1502	787			715																										
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	81	81																													
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	214	214																													
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	146				146																										
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	105	105																													
55100200	STORM SEWER REMOVAL 6"	FOOT	21				21																										
55100500	STORM SEWER REMOVAL 12"	FOOT	2191	125			2066																										
55100700	STORM SEWER REMOVAL 15"	FOOT	536	272			245			19																							
55100900	STORM SEWER REMOVAL 18"	FOOT	551				451			100																							

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- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME = ...D168F72-sht-summary-05.dgn	USER NAME = ctb	DESIGNED - DTE	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 10		
PLOT SCALE = 2.0000 / 1 in.	CHECKED - GAB	REVISD -	SCALE:			SHEET NO. 5 OF 22 SHEETS	STA. TO STA.	CONTRACT NO. 60F72				
PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISD -	FED. ROAD DIST. NO. P. [ILLINOIS] FED. AID PROJECT									

100% STATE

100% STATE

100% STATE

100% STATE

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN		0001		0003		0004		0005		0008				0028	0021		0021						0031		0021	0040	0043		0044		
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS						LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE				
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	STATE			100% LOCAL	STATE		100% LOCAL			
55101100	STORM SEWER REMOVAL 21"	FOOT	93				93																												
55101200	STORM SEWER REMOVAL 24"	FOOT	282				253			29																									
55101300	STORM SEWER REMOVAL 27"	FOOT	126				126																												
55101400	STORM SEWER REMOVAL 30"	FOOT	40				40																												
55101600	STORM SEWER REMOVAL 36"	FOOT	68				68																												
56100600	WATER MAIN 6"	FOOT	374																												76	298			
56100700	WATER MAIN 8"	FOOT	2340																												1791	549			
56105000	WATER VALVES 8"	EACH	6																												4	2			
56200300	WATER SERVICE LINE 1"	FOOT	228																												228				
56200500	WATER SERVICE LINE 1 1/2"	FOOT	518																													518			
56200700	WATER SERVICE LINE 2"	FOOT	145																												115	30			
56201400	CORPORATION STOPS 1"	EACH	2																												2				
56400100	FIRE HYDRANTS TO BE MOVED	EACH	3																												3				
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1																												1				
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5	1			3			1																									
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2																													2			
56500200	DOMESTIC WATER SERVICE BOXES TO BE MOVED	EACH	2																													2			
56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	9																													4	5		
56500800	DOMESTIC WATER SERVICE BOXES	EACH	10																													2	8		
58700300	CONCRETE SEALER	SQ FT	3823										1307	1380	581	555																			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1097										54	53	34	42															914				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4		1		3																												
60107600	PIPE UNDERDRAINS 4"	FOOT	3542		2309		1193			26	14																								
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	156		124		32																												
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		2																														
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		1					2																									
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	13		9		4																												

- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME =  
 ... \D160F72-shr-summary-06.dgn

USER NAME = ctb	DESIGNED - DTE	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - CTB	REVISED -
PLOT DATE = 5/8/2012	CHECKED - GAB	REVISED -
	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 6 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	11
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE				100% STATE				100% STATE				100% STATE		100% STATE										
				0001 ROADWAY		0003 ROADWAY		0004 ROADWAY		0005 ROADWAY		0008 BRIDGE				0021 LIGHTING		0021 TRAFFIC SIGNALS				0031 LANDSCAPING		0040 RETAINING WALLS		0043 UTILITIES		0044 CREEK RELOCATE
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	STATE	100% LOCAL
60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	2					2																				
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	18	18																								
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	62	32		25		3	2																			
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2			1			1																			
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1					1																				
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	1		2																						
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	18	3		12		3																				
60205310	CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1																								
60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	1			1																						
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	3	3																								
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	1					1																				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	8	6		2																						
60208240	CATCH BASIN, TYPE C, TYPE 24 FRAME AND GRATE	EACH	86	39		42		2	3																			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	32	7		18			7																			
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1																								
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1			1																						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	8		9																						
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1			1																						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2																						
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2																						
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1																								

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME = ...0160F72-sht-summary-07.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 12	
PLOT SCALE = 2.0000' / 1" =	CHECKED - GAB	REVISED -	SCALE:			SHEET NO. 7 OF 22 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISED -	CONTRACT NO. 60F72								



CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	0001		0003		0004		0005		0008				0028	0021		0021						0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS						LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	STATE			100% LOCAL	STATE	
60224468	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 8 GRATE	EACH	1	1																											
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1			1																									
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	6							6																					
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7																							3	4				
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1																								1				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	8	1		7																									
60255500	MANHOLES TO BE ADJUSTED	EACH	15			8				7																					
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1			1																									
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1			1																									
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1			1																									
60260100	INLETS TO BE ADJUSTED	EACH	12			10				2																					
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2			1				1																					
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9																								9				
60500040	REMOVING MANHOLES	EACH	18	1		14				3																					
60500050	REMOVING CATCH BASINS	EACH	31	2		28				1																					
60500060	REMOVING INLETS	EACH	50			50																									
60500105	FILLING MANHOLES	EACH	1			1																									
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	22.7	15.1		7.6																									
60600605	CONCRETE CURB, TYPE B	FOOT	1770	90		1680																									
60602800	CONCRETE GUTTER, TYPE B	FOOT	480			480																									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4276	2505		1073				698																					
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1115			1115																									
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	32356	17055		14219	447			635																					
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	347	312		35																									
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	13120	9507		3613																									
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	69			69																									

• INDICATES SPECIAL PROVISION

△ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT

□ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME = ...\\D168F72-sht-summary-08.dgn

USER NAME = estb

DESIGNED - DTE

REVISIONS -

DRAWN - CTB

REVISIONS -

CHECKED - GAB

REVISIONS -

DATE - 5/3/2012

REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 8 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F72	

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE										100% STATE								100% STATE			100% STATE						
				URBAN		0001		0003		0004		0005		0008				0028	0021		0021				0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE			100% LOCAL	STATE		100% LOCAL	STATE
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	21515	07A0P 19561	07P0P	07A0P 1954	07P0P	07A0P	07A0P	07P0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P	07A0P		
60900515	CONCRETE THRUST BLOCKS	EACH	5	5																											
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	24			24																									
63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	1148	1059		89																									
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	4		1																									
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	3	3																											
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	7	5		2																									
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	6		1																									
63200310	GUARDRAIL REMOVAL	FOOT	2049	69		1915																							65		
63304305	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1	EACH	1			1																									
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	75	75																											
66400305	CHAIN LINK FENCE, 6'	FOOT	320			320																									
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	728	728																											
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1																											
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1																											
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	30	30																											
67100100	MOBILIZATION	L SUM	1	1																											
67201100	SEALING ABANDONED MONITORING WELLS	EACH	10	3		7																									
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1																											
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1																											
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	55	48														3	1	1	2										
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	36.4			36.4																									
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15421	2004		13417																									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	107	100		7																									
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	81	45		36																									
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	146			146																									

- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

○ Specialty Items

FILE NAME = ...D160F72-sht-summary-09.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -
		DRAWN - CTB	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 9 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	14
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE		100% STATE													
				0001		0003		0004		0005		0008				0028	0021		0021				0031		0021	0040	0043		0044						
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE						
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080		STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL			100% STATE	100% LOCAL					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	53195	5459		47736																													
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	2639			2639																													
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	315			315																													
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	44			44																													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2223			2223																													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1335			1335																													
72000100	SIGN PANEL - TYPE 1	SQ FT	890	319		438		13	22					5			27	10	10	46															
72000200	SIGN PANEL - TYPE 2	SQ FT	82	25		37											20																		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	75	10		63		2																											
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1406	672		625		32	62					15																					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	494			291			203																										
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9075	50		6715			2310																										
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2051			1496		59	494																										
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	430			289		94	47																										
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	169	12		60		10	87																										
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146	36		110																													
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5870	1999		1311								2560																					
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1672	982		690																													
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	26183	18195		7988																													
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	8036	3335		4701																													
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	7482	7361		121																													
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	4252	2426		1826																													
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	740	282		458																													
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1076	581		436			59																										
78200410	GUARDRAIL MARKERS, TYPE A	EACH	22	19		3																													
78200510	BARRIER WALL MARKERS, TYPE A	EACH	12	12																															
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	6		1																													

- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

○ Specialty Items

FILE NAME : ... \0168F72-sht-summary-10.dgn

USER NAME : cxb	DESIGNED - DTE	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - CTB	REVISED -
PLOT DATE = 5/8/2012	CHECKED - GAB	REVISED -
	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F72	

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE											100% STATE						100% STATE			100% STATE						
				0001		0003		0004	0005		0008				0028	0021		0021						0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY	ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS						LANDSCAPING		SAFETY	RETAIN ING WALLS	UTILITIES		CREEK RELOCATE
100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCO NNECT	STATE	100% LOCAL		STATE	100% LOCAL	STATE	100% LOCAL					
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2132			2132																								
80400100	ELECTRIC SERVICE INSTALLATION	EACH	4																											
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1																											
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2													1			1											
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2																											
81023300	CONDUIT ENCASED, CONCRETE, 2" DIA., PVC 2 WIDE X 1 HIGH	FOOT	38																											
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	12171													384	895	760	741	991	7866									
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1895													29	251	276	316	55										
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	328														35	26	200	67										
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	4821													93	586	837	449	541										
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	703																											
81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	271																											
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	4915																											
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	17																											
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	16																											
81304600	JUNCTION BOX EMBEDDED IN STRUCTURE 18" X 12" X 6"	EACH	16																											
81400100	HANDHOLE	EACH	38													2	5	6	7	4	14									
81400200	HEAVY-DUTY HANDHOLE	EACH	13													2	4	1	2	4										
81400300	DOUBLE HANDHOLE	EACH	9														2	4	1	2										
81603020	UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	738																											
81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2268																											
81603055	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3096																											

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

Specialty Items

FILE NAME =	USER NAME = estb	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...D:\68F72\shf-summary-11.dgn		DRAWN - CTB	REVISED -						0003	18A-2	MCHENRY	825	16
		CHECKED - GAB	REVISED -						CONTRACT NO. 60F72				
	PLOT SCALE = 2.0000' / in.	DATE - 5/3/2012	REVISED -	SCALE:	SHEET NO. 11 OF 22 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. P. [ILLINOIS] FED. AID PROJECT					



CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE				100% STATE					
				0001		0003		0004		0005		0008				0028	0021		0021				0031	0021	0040	0043		0044	
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAIN ING WALLS	UTILITIES		CREEK
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCO NNECT	STATE	100% LOCAL		STATE	100% LOCAL	RELOCATE
81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	22547																										
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3384																										
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	7792																										
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3671																										
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	9546																										
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	771																										
81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	480																										
81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	620																										
82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	125																										
82107090	UNDERPASS LUMINAIRE, 50 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	2																										
82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	11																										
82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4																										
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1																										
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1																										
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1																										
82500420	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL)	EACH	1																										
83050730	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 8FT. DAVIT ARM	EACH	112																										
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	920																										
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	140																										
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	92																										
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	11																										

• INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

*Specialty Items*

FILE NAME = ...\\D168F72-shr-summary-12.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -
		DRAWN - CTB	REVISED -
	PLOT SCALE = 2,000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 12 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60F72	

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE										100% STATE					100% STATE		100% STATE							
				0001		0003		0004	0005		0008				0028	0021		0021				0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY	ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	RETAINING WALLS	STATE	100% LOCAL
84200804	REMOVAL OF POLE FOUNDATION	EACH	11																									
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2																									
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1																									
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4																									
85100100	PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1																									
85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	26																									
85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	3																									
85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4																									
85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	1																									
85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	6																									
86000105	MASTER CONTROLLER	EACH	1																									
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1																									
86400100	TRANSCEIVER - FIBER OPTIC	EACH	7																									
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	16369																									
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1815																									
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4497																									
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	14222																									
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4799																									
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	15341																									
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	673																									
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5564																									
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	14																									
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	10																									
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2																									
87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1																									
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1																									
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2																									
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1																									
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1																									
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1																									
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1																									

- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

*Specialty Items*

FILE NAME = ...\\D160F72-sht-summary-13.dgn	USER NAME = ctb	DESIGNED - DTE	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				D.P. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 18
		DRAWN - CTB	REVISIONS -		SCALE:	SHEET NO. 13 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 60F72				
		CHECKED - GAB	REVISIONS -		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT								
		DATE - 5/3/2012	REVISIONS -										

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE		100% STATE									
				0001 ROADWAY		0003 ROADWAY		0004 ROADWAY		0005 ROADWAY		0008 BRIDGE				0028 PATH	0021 LIGHTING		0021 TRAFFIC SIGNALS				0031 LANDSCAPING		0021 SAFETY	0040 RETAINING WALLS	0043 UTILITIES		0044 CREEK RELOCATE		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	STATE	100% LOCAL	STATE	100% LOCAL	STATE	100% LOCAL
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1																												
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	2													1															
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1																												
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1																												
87704150	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)	EACH	1																												
87704170	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	1																												
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	96													8	24	32	16	16											
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16														4	4	4	4											
87800205	MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1													1															
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	47																47												
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	150													54	27	13	56												
87900200	DRILL EXISTING HANDHOLE	EACH	5													2															
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	33													2	6	7	9	9											
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	13														1	7	5												
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2																2												
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5													5															
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4													2				2											
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5															2	1	2											
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1														1														
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	6													1	3			2											
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	9													2	7														
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1														1														
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	44													4	11	7	11	11											

• INDICATES SPECIAL PROVISION  
 △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

0 Specialty Items

FILE NAME = ... \D160F72-sht-summary-14.dgn	USER NAME = ctb	DESIGNED - DTE	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 19
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISIONS -		SCALE:	SHEET NO. 14 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 60F72			
	PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISIONS -		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN		0001		0003		0004		0005		100% STATE				100% STATE				100% STATE		100% STATE				
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY		UTILITIES		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	RETAINING WALLS	STATE
88500100	INDUCTIVE LOOP DETECTOR	EACH	79																									
88600100	DETECTOR LOOP, TYPE I	FOOT	517																									
88600700	PREFORMED DETECTOR LOOP	FOOT	3649																									
Δ 88700200	LIGHT DETECTOR	EACH	15																									
Δ 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4																									
88800100	PEDESTRIAN PUSH-BUTTON	EACH	11																									
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1																									
Δ 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1																									
Δ 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	3																									
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	10479																									
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4																									
89502376	REBUILD EXISTING HANDHOLE	EACH	1																									
89502380	REMOVE EXISTING HANDHOLE	EACH	21																									
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9																									
Z0001202	CONCRETE BLOCK REMOVAL	CU YD	6																									
Z0007118	UNTREATED TIMBER LAGGING	SQ FT	9057																									
Z0007430	TEMPORARY SIDEWALK	SQ FT	1106																									
Z0012450	CONCRETE STEPS	CU YD	2																									
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	57																									
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	10073																									
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	81																									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1																									
Z0015000	CURB STOPS 1"	EACH	9																									
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	6																									
Z0019600	DUST CONTROL WATERING	UNIT	8500																									
Z0022800	FENCE REMOVAL	FOOT	55																									
Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	172																									
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	3294																									

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 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

○ Specialty Items

FILE NAME = ...\\D160F72-sht-summary-15.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				Q.P. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 20
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -		SCALE:	SHEET NO. 15 OF 22 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISED -										
CONTRACT NO. 60F72													



100% STATE

100% STATE

100% STATE

100% STATE

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN		0001		0003		0004		0005		0008				0028	0021		0021						0031		0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS						LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080		STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL			STATE	100% LOCAL			
* Z0030260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1																													
* Z0030275	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2	EACH	3			3																											
○ Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	125																														
○ Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18																														
○ Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	2																						2								
* Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	36884											9311	5773	2846	5334													13620			
* Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	20831	20831																													
* Z0044298	PRESSURE CONNECTION TO EXISTING WATER-MAIN	EACH	1																											1			
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	3293																											3293			
* Z0048900	RAILROAD TRACK REMOVAL	FOOT	395	395																													
* Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	432	48		384																											
* Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	109	62		47																											
* Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	135	84		51																											
* Z0056900	SANITARY SEWER 8"	FOOT	1117			192	65	233	627																								
* Z0057000	SANITARY SEWER 10"	FOOT	535			535																											
* Z0057400	SANITARY SEWER 21"	FOOT	23					23																									
* Z0062456	TEMPORARY PAVEMENT	SQ YD	5699			5699																											
* Z0067500	STEEL CASINGS 16"	FOOT	608																												608		
* Z0067700	STEEL CASINGS 20"	FOOT	120																												120		
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2																														
<del>Z0076600</del>	<del>TRAINEES</del>	<del>HOUR</del>																															
* Z0077900	WOOD POST AND RAIL FENCE	FOOT	684																												684		
○ A2000086	TREE, ACER X FREEMANII (ARMSTRONG FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16																												16		
<del>A2001020</del>	<del>TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED</del>	<del>EACH</del>	<del>16</del>																												<del>16</del>		
○ A2001720	TREE, ACER SACCHARUM (SUGAR MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9																												9		
○ A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2																												2		

- INDICATES SPECIAL PROVISION
- △ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT
- ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

○ Specialty Items

FILE NAME : ...\\D168F72-shr-summary-16.dgn	USER NAME : ctb	DESIGNED - DTE	REVISED -
		DRAWN - CTB	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 16 OF 22 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	21
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





CODED PAY ITEM NO.	ITEM	UNIT	LIRBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE		100% STATE									
				0001 ROADWAY		0003 ROADWAY		0004 ROADWAY		0005 ROADWAY		0008 BRIDGE				0028 PATH	0021 LIGHTING		0021 TRAFFIC SIGNALS				0031 LANDSCAPING		0021 SAFETY	0040 RETAINING WALLS	0043 UTILITIES		0044 CREEK RELOCATE		
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL		STATE	LOCAL	STATE	LOCAL	
○ K0013090	PERENNIAL PLANTS, WOODLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	8																									8			
○ K1004572	PRAIRIE SEEDING (SPECIAL)	ACRE	2.25																			2.25									
○ K1005875	TREE TRANSPLANT	EACH	6																			6									
• XZ127900	RETAINING WALL REMOVAL	FOOT	2883	30		1325			14																	1166		348			
• X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	9670																							9670					
• X0301797	GATE REMOVAL	EACH	2	2																											
• X0301852	DEWATERING STRUCTURE NO. 1	EACH	1																									1			
• X0321620	SANITARY SEWER REMOVAL 21"	FOOT	13			13																									
• X0322208	TEMPORARY STORM SEWER PLUGS	EACH	3			3																									
• X0323045	STONE OUTCROPPING	SQ FT	690																			690									
• X0323716	ACCESS GATE, DOUBLE, 30 FOOT	EACH	1	1																											
• X0323760	SANITARY SEWER SERVICE, 6" PVC, COMPLETE	EACH	6																								6				
• X0324056	REMOVAL OF EXISTING WOOD BOLLARDS	EACH	47					47																							
• X0324062	ENTRANCE SIGN	L SUM	1	1																											
△ X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	5451												225	744	2204	1652	626												
• X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	10605																							10605					
• X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	843												557						286										
• X0325110	BIAXIAL GEOGRID	SQ YD	1445							1445																					
• X0325751	DRIVING SOLDIER PILES	FOOT	172																							172					
• X0326694	PLUG EXISTING STORM SEWERS	CU YD	5			5																									
• X0326744	PLUG PIPE PENETRATION	EACH	3			3																									
• X0326805	FOUNDATION REMOVAL	SQ FT	19445	19445																											
• X0326864	BRICK SIDEWALK REMOVAL	SQ FT	425	172				253																							
• X0327036	BIKE PATH REMOVAL	SQ YD	2200	1359		841																									
• X0327301	RELOCATE EXISTING MAILBOX	EACH	14	1		12		1																							
• X0327371	PLUG EXISTING PIPE	CU YD	0.5					0.5																							
• X0350805	FOLD DOWN BOLLARDS	EACH	17			17																									
• X0350810	BOLLARD REMOVAL	EACH	3					3																							

\* INDICATES SPECIAL PROVISION  
 △ ITEM TO BE PAID FOR BY ALCONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALCONQUIN



CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE										100% STATE								100% STATE		100% STATE						
				URBAN		0001		0003		0004		0005		0008				0028	0021		0021				0031	0021	0040	0043		0044
				ROADWAY		ROADWAY		ROADWAY		ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING		SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE	
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL		STATE	100% LOCAL		
X0487700	SANITARY SEWER REMOVAL 10"	FOOT	561			561																								
X0540000	BRICK PAVERS	SQ FT	1853			1089		764																						
X0840000	SANITARY SEWER REMOVAL 8"	FOOT	537			238		299																						
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500																										
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	19344											19344																
X5021510	COFFERDAMS (SPECIAL)	EACH	4																								4			
X5041800	CONCRETE ANCHORS	EACH	9	9																										
X5091755	PARAPET RAILING, SPECIAL	FOOT	1129					270	300	269	290																			
X5510100	STORM SEWER REMOVAL	FOOT	371			371																								
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	7									7																		
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	333									333																		
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	1925																						1270	655				
X5610646	PLUG WATER MAIN 6"	EACH	1			1																								
X5610704	WATER MAIN REMOVAL, 4"	FOOT	56	56																										
X5610706	WATER MAIN REMOVAL, 6"	FOOT	16	16																										
X5610708	WATER MAIN REMOVAL, 8"	FOOT	821	102		585		134																						
X5620124	WATER SERVICE LINE REMOVAL	FOOT	851	191		609		51																						
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		4	1	2	3																						
X6022820	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2					2																						
X6026050	SANITARY MANHOLE TO BE ADJUSTED	EACH	12		9		2	1																						
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	5		4		1																							
X6026622	VALVE VAULTS TO BE REMOVED	EACH	4	1	3																									
X6028300	INLETS TO BE REMOVED, SPECIAL	EACH	1		1																									
X6060200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SQ FT	7471	3808	3663																									
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	356	356																										
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	1019	228	791																									
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	35		35																									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																										

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME : ...\\0160F72-sht-summary-20.dgn  
 USER NAME : ctb  
 PLOT SCALE = 2.0000' / 1"

DESIGNED - DTE  
 DRAWN - CTB  
 CHECKED - GAB  
 DATE - 5/3/2012  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
 SCALE: SHEET NO. 20 OF 22 SHEETS STA. TO STA.

O.R. RTE. 0003 SECTION 18A-2 COUNTY MCHENRY TOTAL SHEETS 825 SHEET NO. 23B CONTRACT NO. 60F72  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CODED PAY ITEM NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	100% STATE				100% STATE				100% STATE				100% STATE		100% STATE										
				0001		0003		0004	0005		0008				0028	0021		0021				0031	0021	0040	0043		0044	
				ROADWAY		ROADWAY		ROADWAY	ROADWAY		BRIDGE				PATH	LIGHTING		TRAFFIC SIGNALS				LANDSCAPING	SAFETY	RETAINING WALLS	UTILITIES		CREEK RELOCATE	
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080		STATE	100% LOCAL	EDGE WOOD DRIVE	HUNTINGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL		STATE	100% LOCAL
X7240205	REMOVE SIGN COMPLETE	EACH	3			3																						
X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	100			100																						
X7810300	RECESSED REFLECTIVE PAVMENT MARKER	EACH	56			56																						
X8100105	CONDUIT SPLICE	EACH	1																	1								
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	96																									
X8380084	BREAKAWAY DEVICE, COUPLING	EACH	16																									
X8510500	PAINT ROADWAY LIGHT POLE OVER 40 FEET	EACH	4																									
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	6													1	1	1	1	1	1							
X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1																									
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	6													1	1	1	1	1	1							
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	16530																									
X8950090	RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1																									
XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1939																									
XX006903	ORNAMENTAL STREET SIGN POST, COMPLETE	EACH	12			12																						
XX007023	STAINING CONCRETE STRUCTURES	SQ YD	4273									775	501	197	374													
XX007169	NON-PRESSURE CONNECTION	EACH	2																									
XX007536	PAINT TRAFFIC SIGNAL EQUIPMENT	EACH	4																									
XX008003	FORM LINER TEXTURED SURFACE, SPECIAL	SQ FT	4644									674	688	596	695													
XX008348	MORTAR EXISTING STRUCTURE	EACH	2			2																						
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1																						
X8160401	UNIT DUCT, 600V, 4-1C NO.6, 2-1C NO. 8, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	781																									
X0327414	LIGHTING UNIT TYPE 2, 150 WATT	EACH	6																									
X0327415	LIGHTING UNIT TYPE 2, 250 WATT	EACH	7																									
X0327416	LIGHTING UNIT TYPE 3	EACH	4																									
X0327416	LIGHTING UNIT TYPE 4, 12 FT. M.H.	EACH	18																									
X0327417	LIGHTING UNIT TYPE 4, 14 FT. M.H.	EACH	26																									
X0327418	LIGHTING UNIT TYPE 5	EACH	3																									
X0327410	CAST ALUMINUM SPLIT PEDESTAL BASE	EACH	4																									
X0327411	ORNAMENTAL ALUMINUM LATTICE	FOOT	1106									265	294	263	284													

\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

FILE NAME : ...D160F72-sht-summary-21.dgn  
 USER NAME : ctb  
 PLOT SCALE : 2.0000" = 1'  
 PLOT DATE : 5/8/2012

DESIGNED - DTE  
 DRAWN - CTB  
 CHECKED - GAB  
 DATE - 5/3/2012

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 21 OF 22 SHEETS STA. TO STA.

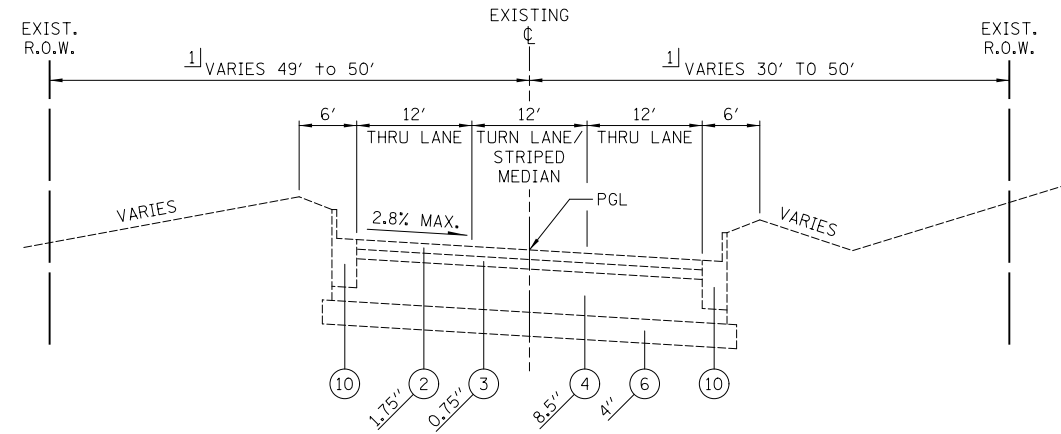
O.R. RTE. 0003 SECTION 18A-2 COUNTY MCHENRY TOTAL SHEETS 825 SHEET NO. 23C CONTRACT NO. 60F72  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CODED PAY ITEM NO.	ITEM	UNIT	LIRBAN TOTAL QUANTITY	100% STATE								100% STATE								100% STATE		100% STATE								
				0001 ROADWAY		0003 ROADWAY		0004 ROADWAY		0005 ROADWAY		0008 BRIDGE				0028 PATH	0021 LIGHTING		0021 TRAFFIC SIGNALS				0031 LANDSCAPING		0021 SAFETY	0040 RETAINING WALLS	0043 UTILITIES		0044 CREEK RELOCATE	
				100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	100% STATE	100% LOCAL	SN 056-0077	SN 056-0081	SN 056-0079	SN 056-0080	STATE	100% LOCAL	EDGE WOOD DRIVE	HUNT INGTON DRIVE	RAMPS A/B	RAMPS C/D	QUARRY ACCESS	INTERCONNECT	STATE	100% LOCAL	SAFETY	RETAINING WALLS	STATE	100% LOCAL	CREEK RELOCATE
0-2002636	SHRUB, EUONYMUS ALATA COMPACTUS', (DWARF BURNING BUSH), 3' HEIGHT, BALLED AND BURLAPPED	EACH	37																											
0-2004841	SHRUB, PHYSOCARPUS OPULIFOLIUS 'CENTER GLOW', (CENTER GLOW NINEBARK), 3' HEIGHT, BALLED AND BURLAPPED	EACH	37																											
0-2011424	SHRUB, SYRINGA VULGARIS, (COMMON PURPLE LILAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	43																											
0-2011425	SHRUB, SYRINGA VULGARIS ALBA, (COMMON WHITE LILAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	25																											
X0327412	RAILROAD TIES TO BE REMOVED	FOOT	345	168		177																								
0-87704403	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 48 FT.	EACH	1																											
X8510850	PAINT NEW COMBINATION MAST ARM AND POLE, (SPECIAL)	EACH	1																											
9-X8770135	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	1																											
X5610900	DUCTILE IRON WATER MAIN 8 RESTRAINED JOINT TYPE	FOOT	144																							144				
X0327413	TEMPORARY PEDESTRIAN ENCLOSURE	LSUM	1	1																										
0-2502019	SEEDING, EMERGENT MIX CLASS 4B (SPECIAL)	ACRE	0.25																								0.25			
0-2502024	SEEDING, WET PRAIRIE MIX CLASS 4B (MODIFIED)	ACRE	0.5																								0.5			
0-2501800	SEEDING, MESIC PRAIRIE MIX CLASS 4 (MODIFIED)	ACRE	1.00																								1			
0-2502014	SEEDING, SAVANNA MIX CLASS 4A (MODIFIED)	ACRE	1.00																							0.5	0.5			
X2810900	CHANNEL BED AGGREGATE	SQ YD	1835																								1835			
X2810950	POINT BAR AGGREGATE	SQ YD	134																								134			

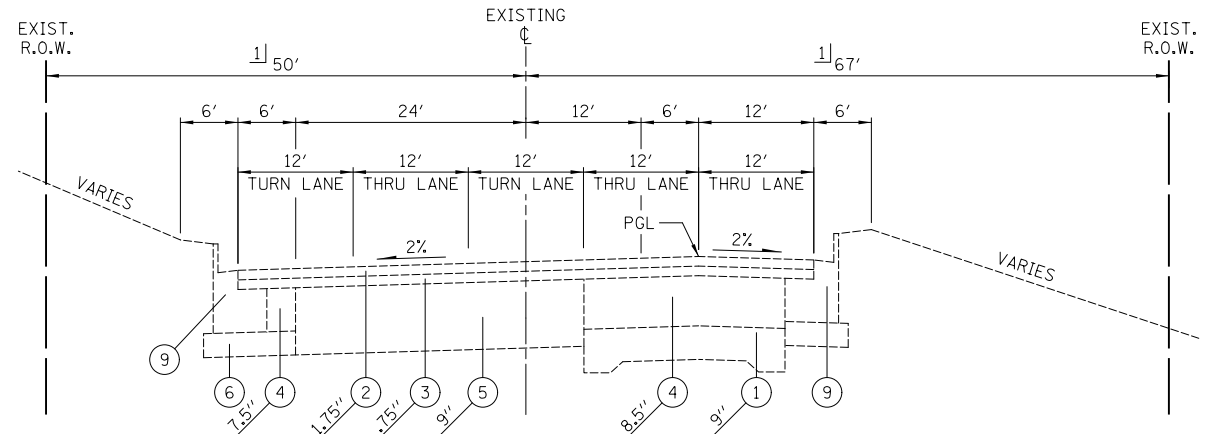
\* INDICATES SPECIAL PROVISION  
 Δ ITEM TO BE PAID FOR BY ALGONQUIN/LAKE IN THE HILLS FIRE PROTECTION DISTRICT  
 □ ITEM TO BE PAID FOR BY THE VILLAGE OF ALGONQUIN

0 Specialty Items

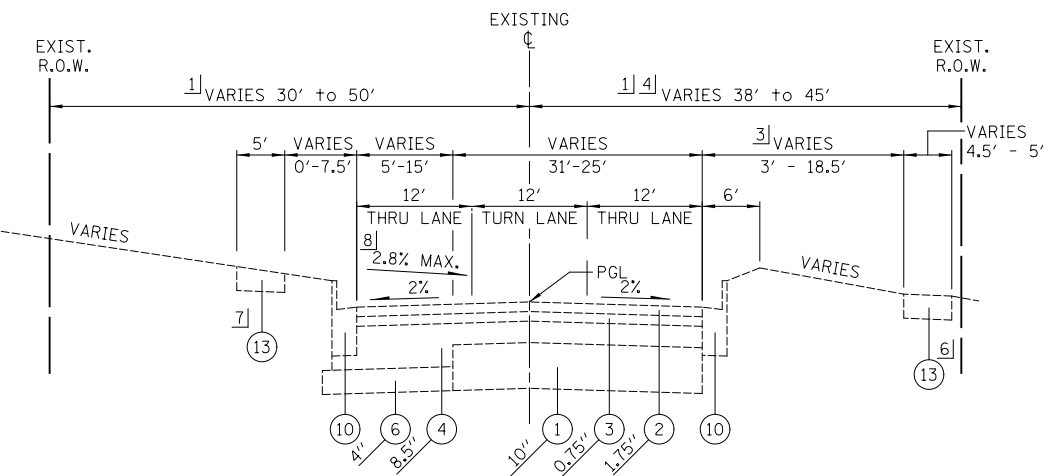
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PLOT SCALE = 2.0000" = 1'	CHECKED - GAB	DATE - 5/3/2012	REVISED -		SCALE:	SHEET NO. 22 OF 22 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/8/2012	DATE - 5/3/2012	REVISED -			CONTRACT NO. 60F72								



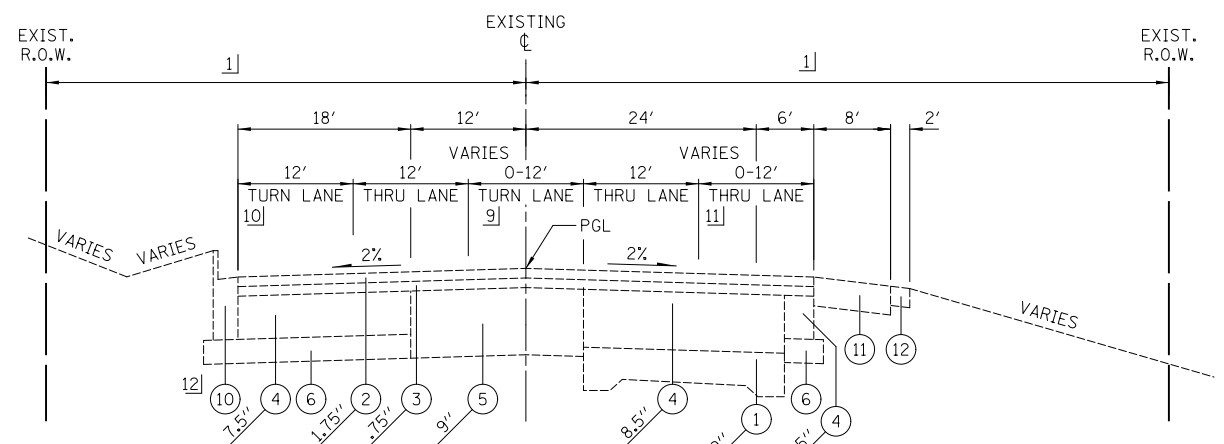
**ILLINOIS ROUTE 31**  
 STA. 87+35 TO STA. 94+25  
 STA. 108+30 TO STA. 112+50



**ILLINOIS ROUTE 31/NORTH MAIN ST**  
 STA. 188+88.36 TO STA. 190+50



**ILLINOIS ROUTE 31**  
 STA. 94+25 TO STA. 108+30  
 STA. 112+50 TO STA. 114+22.83



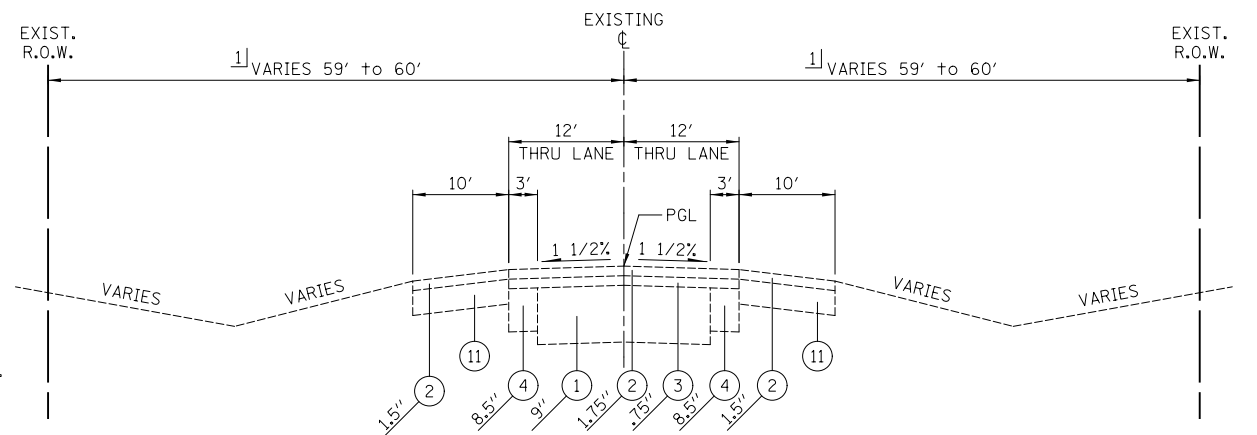
**ILLINOIS ROUTE 31**  
 STA. 190+50 TO STA. 199+28

**LEGEND**

- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ③ EXISTING HOT-MIX ASPHALT BINDER COURSE, THICKNESS VARIES .75" TO 6.25"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑤ EXISTING P.C. CONCRETE BASE COURSE, VARIES 9" TO 10"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑦ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑧ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18
- ⑨ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18 SPECIAL
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑪ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING CONCRETE SIDEWALK
- ⑭ EXISTING RETAINING WALL
- ⑮ NO. 6 TIE BAR AT 24" ON CENTER
- ⑯ NO. 8 TIE BAR
- ⑰ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑱ EXISTING WOOD BOLLARD

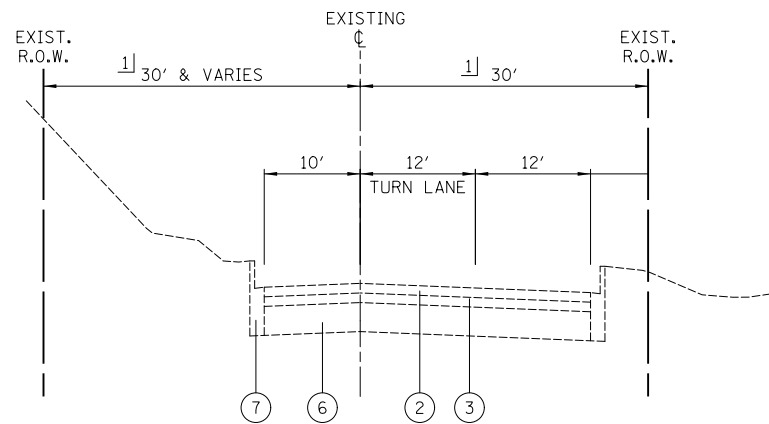
**SHEET NOTES**

- STATIONING FROM EXISTING ALIGNMENTS
- 1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.
  - 2] 18.5' TO 17' FROM STA. 98+35 TO STA. 99+60  
14.5' TO 2.5' FROM STA. 102+35 TO STA. 108+30
  - 3] 45' TO 38' FROM STA. 94+25 TO STA. 98+35  
38' TO 40' FROM STA. 98+35 TO STA. 108+30
  - 4] FROM STA. 98+35 TO STA. 99+60  
AND STA. 102+35 TO STA. 108+30
  - 5] FROM STA. 107+15 TO STA. 109+00
  - 6] FROM STA. 94+25 TO STA. 98+35
  - 7] STRIPED AS TURN LANE TO STA. 191+20.  
STRIPED AS MEDIAN AND VARIES  
FROM 12' TO 0' FROM STA. 191+20 TO STA. 194+50
  - 8] STRIPED AS TURN LANE FROM STA. 194+50 TO STA. 197+60.  
STRIPED AS SHOULDER AND VARIES  
FROM 0' TO 12' FROM STA. 197+60 TO STA. 199+28
  - 9] VARIES FROM 12' TO 0' FROM STA. 196+00 TO STA. 199+28
  - 10] CURB ENDS AT STA. 195+62

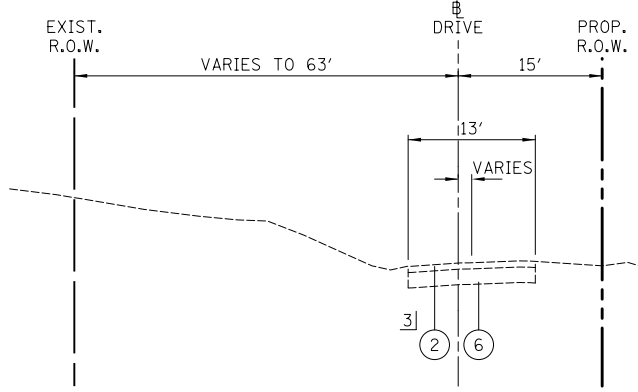


**ILLINOIS ROUTE 31**  
 STA. 199+28 TO STA. 221+96.36

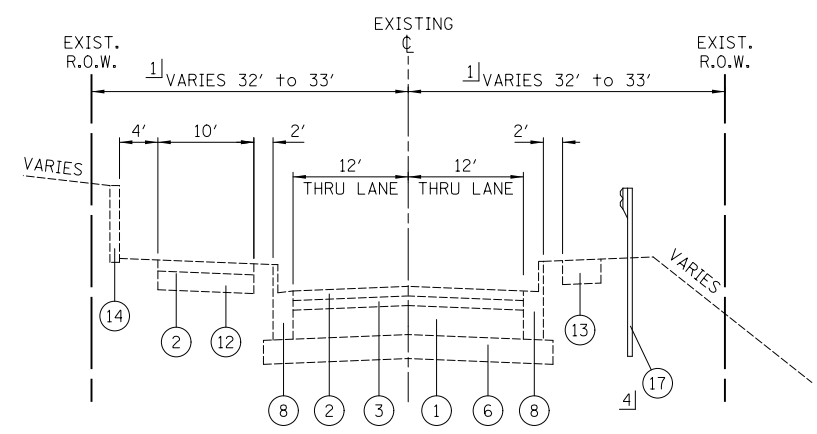




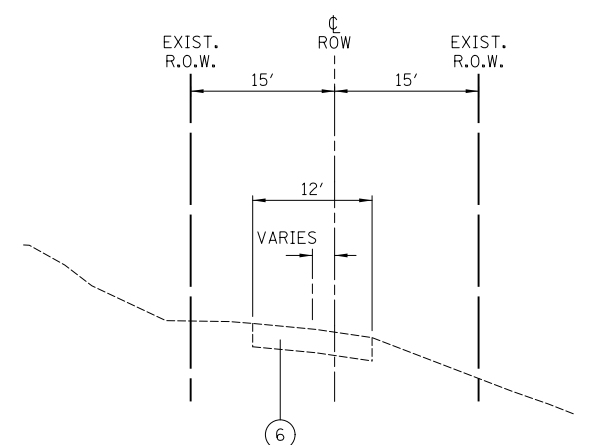
**EDGEWOOD DRIVE**  
STA. 8+20.30 TO STA. 9+50



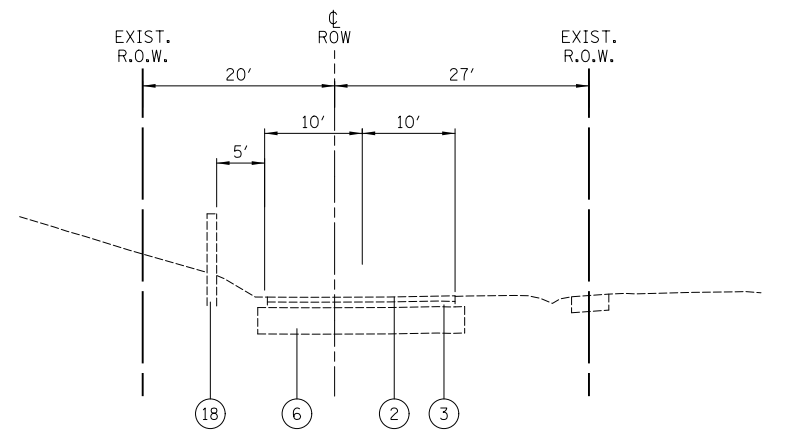
**SCENIC DRIVE**  
STA. 0+00 TO STA. 1+30



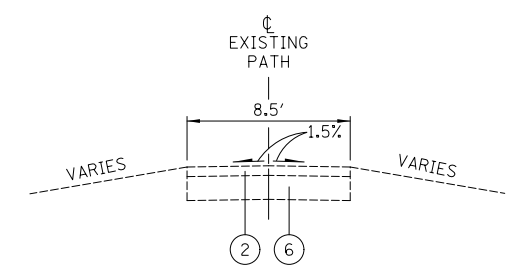
**HUNTINGTON DRIVE**  
STA. 9+00 TO STA. 15+72



**LEGION DRIVE**  
STA. 0+00 TO STA. 3+40



**RAILROAD STREET**  
STA. 300+51.64 TO STA. 303+98.02



**MCCD PRAIRIE PATH**

**LEGEND**

- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ③ EXISTING HOT-MIX ASPHALT BINDER COURSE, THICKNESS VARIES .75" TO 6.25"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑤ EXISTING P.C. CONCRETE BASE COURSE, VARIES 9" TO 10"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑦ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑧ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18
- ⑨ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18 SPECIAL
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑪ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING CONCRETE SIDEWALK
- ⑭ EXISTING RETAINING WALL
- ⑮ NO. 6 TIE BAR AT 24" ON CENTER
- ⑯ NO. 8 TIE BAR
- ⑰ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑱ EXISTING WOOD BOLLARD

**SHEET NOTES**

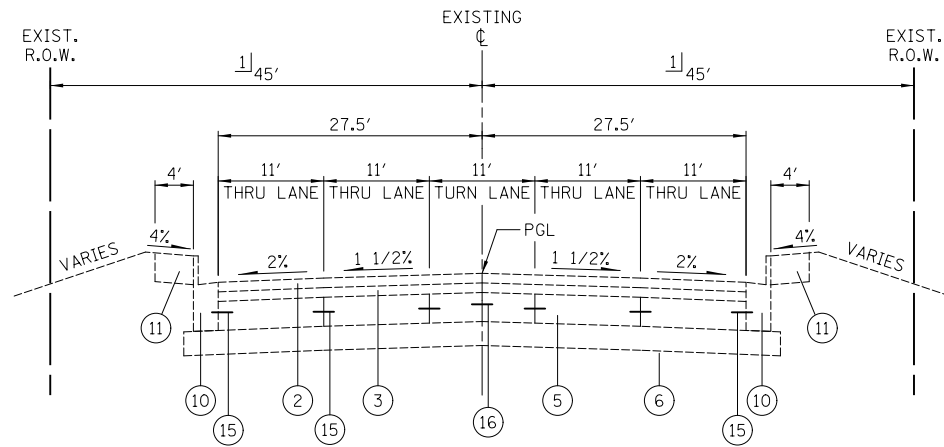
- STATIONING FROM EXISTING ALIGNMENTS
- 1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.
- 2] MEASURED ALONG DRIVE FROM LEFT EDGE OF PAVEMENT OF IL RT 31 = STA 0+00
- 3] MATERIAL TRANSITIONS FROM BIT BASE COURSE TO AGGREGATE MATERIAL
- 4] STA 9+00 TO STA 10+20

FILE NAME = ...\\D160F72-sht-typical-02.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -
		DRAWN - PML	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

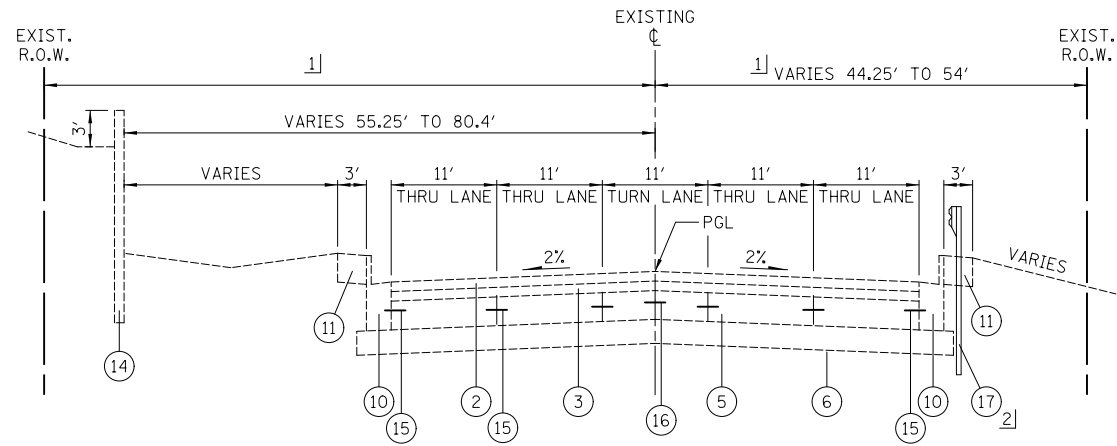
<b>EXISTING TYPICAL SECTIONS</b>			
SCALE: N.T.S.	SHEET NO. 2 OF 15 SHEETS	STA.	TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	25
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



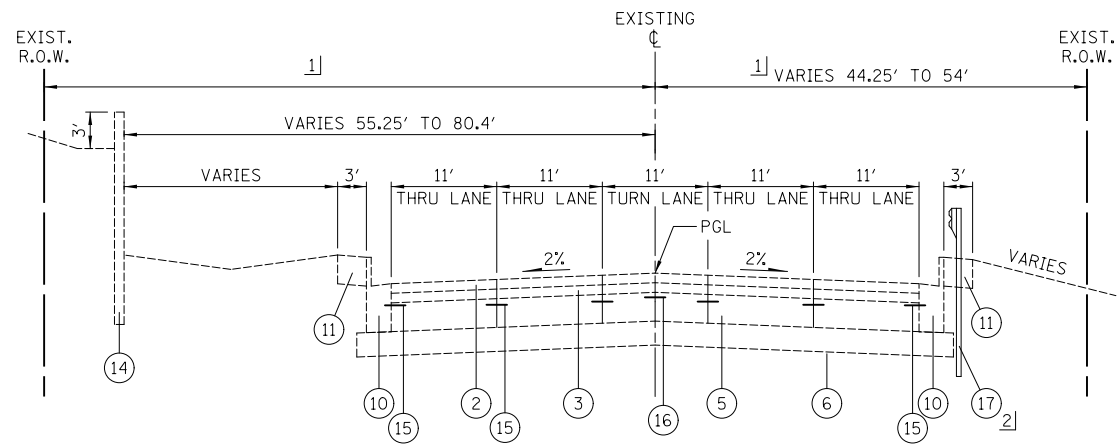
**ALGONQUIN ROAD**

STA. 50+00 TO STA. 61+63



**ALGONQUIN ROAD**

STA. 61+63 TO STA. 68+24



**ALGONQUIN ROAD**

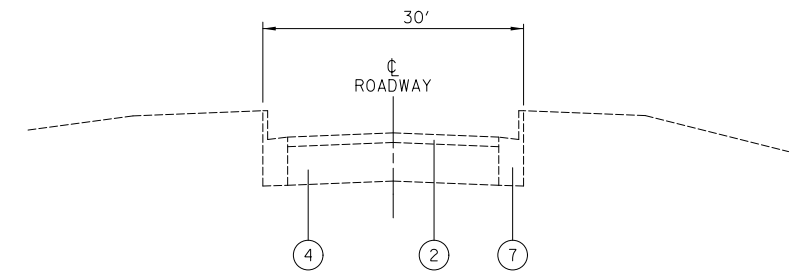
STA. 68+24 TO STA. 68+45.17

**LEGEND**

- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ③ EXISTING HOT-MIX ASPHALT BINDER COURSE, THICKNESS VARIES .75" TO 6.25"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑤ EXISTING P.C. CONCRETE BASE COURSE, VARIES 9" TO 10"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑦ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑧ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18
- ⑨ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.18 SPECIAL
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑪ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑫ EXISTING AGGREGATE SHOULDER
- ⑬ EXISTING CONCRETE SIDEWALK
- ⑭ EXISTING RETAINING WALL
- ⑮ NO. 6 TIE BAR AT 24" ON CENTER
- ⑯ NO. 8 TIE BAR
- ⑰ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑱ EXISTING WOOD BOLLARD

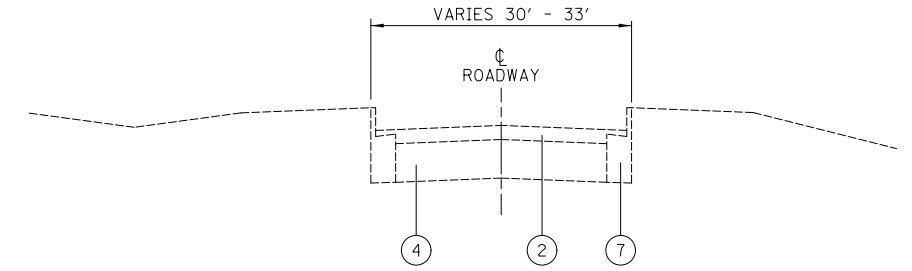
**SHEET NOTES**

- STATIONING FROM EXISTING ALIGNMENTS
- 1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.
- 2] FROM STA. 61+27 TO STA. 68+45.17
- 3] MEASURED ALONG CENTER OF ROADWAY LEFT EDGE OF PAVEMENT OF IL RT 31 = STA 0+00
- 4] MATERIAL TRANSITIONS FROM BIT BASE COURSE TO AGGREGATE MATERIAL AT STATION 10+83



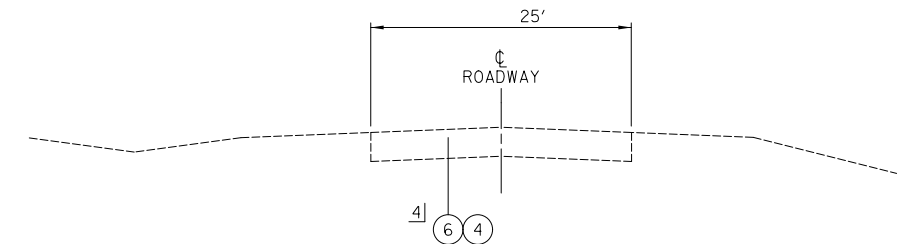
**QUARRY ACCESS**

STA. 0+00 TO STA. 2+83



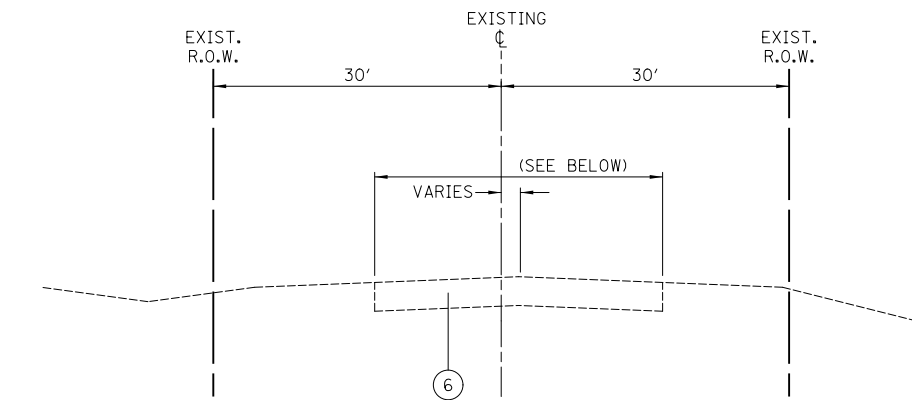
**QUARRY ACCESS**

STA. 2+83 TO STA. 6+34



**QUARRY ACCESS**

STA. 6+34 TO STA. 12+37



**GREENWOOD COURT**

(PAVEMENT WIDTH = 17')

**ELMWOOD COURT**

(PAVEMENT WIDTH = 40' & VARIES)

**OAKWOOD COURT**

(PAVEMENT WIDTH = 20')

**LINDEN AVENUE**

(PAVEMENT WIDTH = 17')

FILE NAME = ...\\D160F72-sht-typical-03.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -
		DRAWN - PML	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 3 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	26
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**MIXTURE REQUIREMENT**

PAY ITEM	PERCENT AIR VOIDS @ NDES
HOT-MIX ASPHALT PAVEMENT RESURFACING EDGEWOOD DRIVE, IL RTE. 31 (STA. 87+35 TO STA. 97+35 AND STA. 218+00 TO STA. 221+96)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm) (2 3/4")	4% @ 90 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25" HUNTINGTON DRIVE, SOUTH MAIN STREET, NORTH MAIN STREET, QUARRY ACCESS, RAILROAD STREET, LEGION DRIVE, FRONTAGE ROAD, ELMWOOD COURT, OAKWOOD COURT, LINDEN AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (6.25")	4% @ 70 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25" IL RTE. 31 WIDENING (STA. 87+35 TO STA. 93+10 AND STA. 92+83 TO STA. 97+35), EDGEWOOD DRIVE WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm) (2")	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.25")	4% @ 90 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (10")	4% @ 90 GYR.
RESIDENTIAL HOT-MIX ASPHALT DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, IL-19.0, N50 (2.25")	4% @ 50 GYR.
STABILIZED HOT-MIX ASPHALT PATH MCCD PRAIRIE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
CLASS D PATCHES, TYPE I, II, III, IV, 10"	
CLASS D PATCH (HMA BINDER IL-19mm) (10")	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDERS, 6" IL RTE. 31 & IL RTE. 62	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19.0) (6")	4% @ 50 GYR.
STABILIZED SUB-BASE (HOT-MIX ASPHALT) 4.5" IL RTE. 31 (STA. 115+44 TO STA. 162+62), RAMP A, RAMP B, RAMP C, RAMP D	
STABILIZED SUBBASE HMA (IL-19mm) (4.5")	3% @ 50 GYR.
TEMPORARY PAVEMENT, 9"	
TEMP PAVEMENT (HMA BINDER IL-19MM) (7")	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
TEMPORARY SIDEWALK	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY-IN.
2. FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS.
3. 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.
4. CONTRACTOR SHALL MILL BEFORE PATCHING.
5. IF USED, PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS. PAVEMENT THICKNESS SHALL BE 10".

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR  
IL ROUTE 31 - EDGEWOOD DRIVE TO JAYNE STREET  
IL ROUTE 31 - LINDEN AVENUE TO NORTH PROJECT LIMITS

STRUCTURAL TRAFFIC:	YEAR	2016
	PV = 32,222	SU = 657 MU = 1,971
ROAD/STREET CLASSIFICATION:	CLASS I	
	P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 9.37	AC TYPE = 20
	MINIMUM TF = 4.27	
AC GRADE:	BINDER = PG 70-22	SURFACE = PG 70-22
SUBGRADE SUPPORT RATING:	SSR = POOR	

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR  
IL ROUTE 31 - JAYNE STREET TO LINDEN AVENUE, AND RAMPS

STRUCTURAL TRAFFIC:	YEAR	2016
	PV = 32,222	SU = 657 MU = 1971
ROAD/STREET CLASSIFICATION:	CLASS I	
	P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 13.23	AC TYPE = N/A
	MINIMUM TF = 6.03	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR LOCAL STREETS  
(HUNTINGTON DRIVE, LEGION DRIVE, SOUTH MAIN STREET, RAILROAD STREET,  
NORTH MAIN STREET, FRONTAGE ROAD, QUARRY ACCESS, ELMWOOD COURT,  
OAKWOOD COURT, LINDEN AVENUE)

STRUCTURAL TRAFFIC:	YEAR	2016
	PV = 6,664	SU = 136 MU = 0
ROAD/STREET CLASSIFICATION:	CLASS II	
	P = 50%	S = 50% M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 0.16	AC TYPE = 20
	MINIMUM TF = 0.50	
AC GRADE:	BINDER = PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR	

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR  
ALGONQUIN ROAD

STRUCTURAL TRAFFIC:	YEAR	2016
	PV = 36,472	SU = 776 MU = 1,552
ROAD/STREET CLASSIFICATION:	CLASS I	
	P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 10.77	AC TYPE = N/A
	MINIMUM TF = 4.27	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	

**REMEDIAL TREATMENT AREAS**

ALIGNMENT	STATION	DEPTH 1	WIDTH	DESCRIPTION
IL RTE 31	100+00 TO 107+50	12"	FULL WIDTH NEW PAVEMENT	NOTE 4
IL RTE 31	107+50 TO 110+50	10"	FULL WIDTH NEW PAVEMENT	NOTE 2
IL RTE 31	110+50 TO 113+50	32"	FULL WIDTH NEW PAVEMENT	NOTE 2 OR 3
IL RTE 31	113+50 TO 116+50	12"	FULL WIDTH NEW PAVEMENT	NOTE 3
IL RTE 31	116+50 TO 119+50	72"	FULL WIDTH NEW PAVEMENT	NOTE 3
IL RTE 31	127+90 TO 131+40	1' - 5'	FULL WIDTH NEW EMBANKMENT	NOTE 6
IL RTE 31	152+00 TO 155+50	12"	FULL WIDTH NEW PAVEMENT	NOTE 4
IL RTE 31	174+80 TO 177+80	30"	FULL WIDTH NEW PAVEMENT	NOTE 2 OR 3
IL RTE 31	177+80 TO 180+00	12"	FULL WIDTH NEW PAVEMENT	NOTE 4
RAMP B	11+70 TO 15+50	14"-108"	FULL WIDTH NEW EMBANKMENT	NOTE 3 & 5
RAMP D	14+00 TO 16+50	18"	FULL WIDTH NEW PAVEMENT	NOTE 2
RAMP D	16+50 TO 18+00	12"	FULL WIDTH NEW PAVEMENT	NOTE 2
IL RTE 62	50+00 TO 59+50	12"	FULL WIDTH NEW PAVEMENT	NOTE 2
N. MAIN ST	50+00 TO 58+00	12"	FULL WIDTH NEW PAVEMENT	NOTE 4

- NOTE 1 DEPTH REFERS TO DEPTH BELOW DESIGN SUBGRADE ELEVATION  
 NOTE 2 UNDERCUT AND REPLACE WITH AGGREGATE SUBGRADE (PGES) UNDERDRAIN  
 NOTE 3 UNDERCUT AND REPLACE WITH SUITABLE EMBANKMENT FILL  
 NOTE 4 DISK DRY AND COMPACT UPPER 12" PER SECTION 301  
 NOTE 5 EMBANKMENT FILL REQUIRED TO MEET DESIGN SUBGRADE  
 NOTE 6 HIGH EMBANKMENT FILL REQUIRED, REMOVE ORGANIC LAYER PRIOR TO NEW FILL PLACEMENT

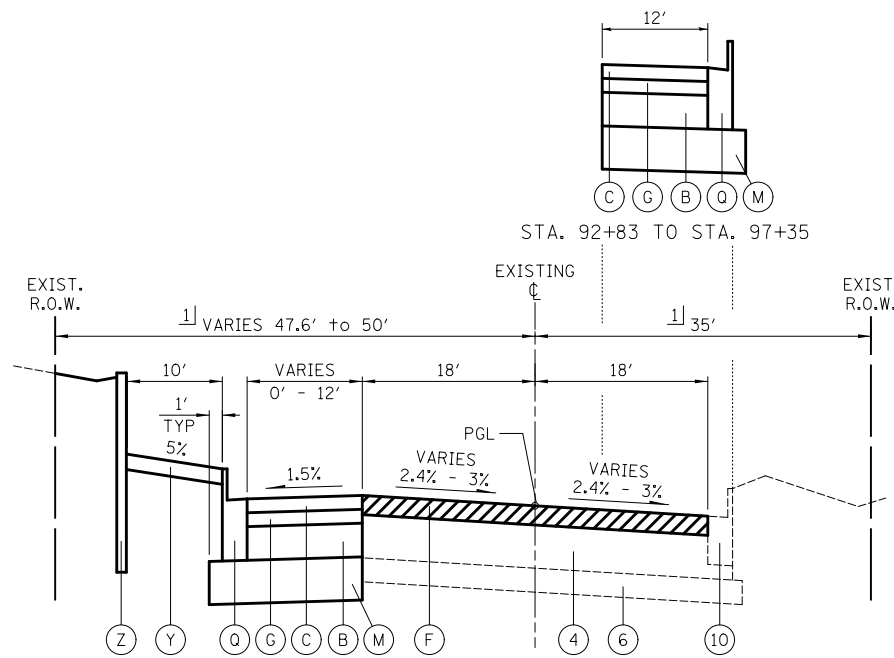
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

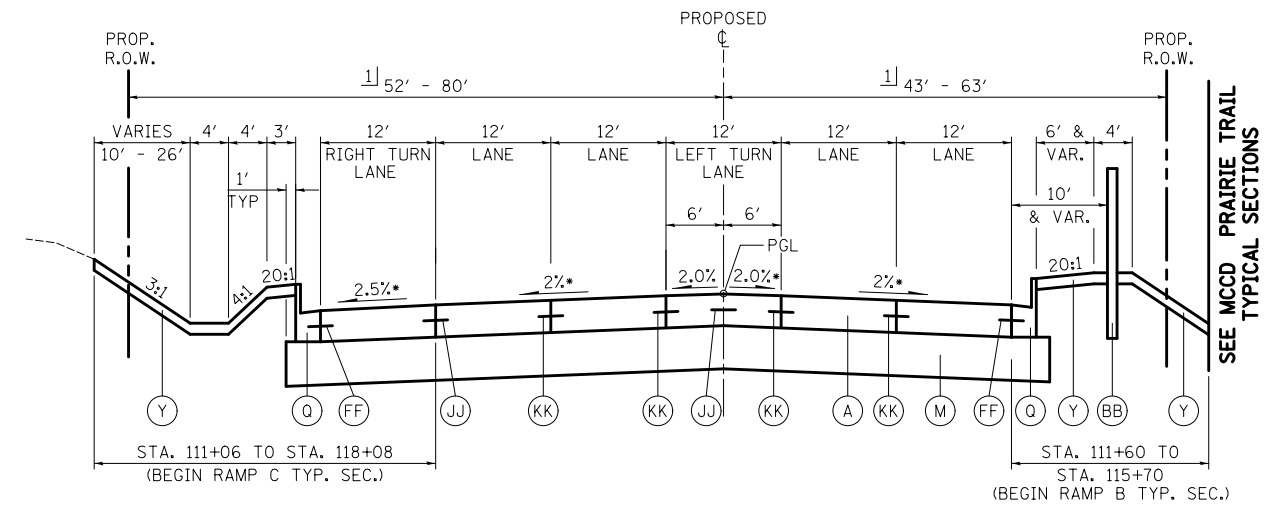
**PROPOSED TYPICAL SECTIONS**

SCALE: SHEET NO. 4 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	27
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

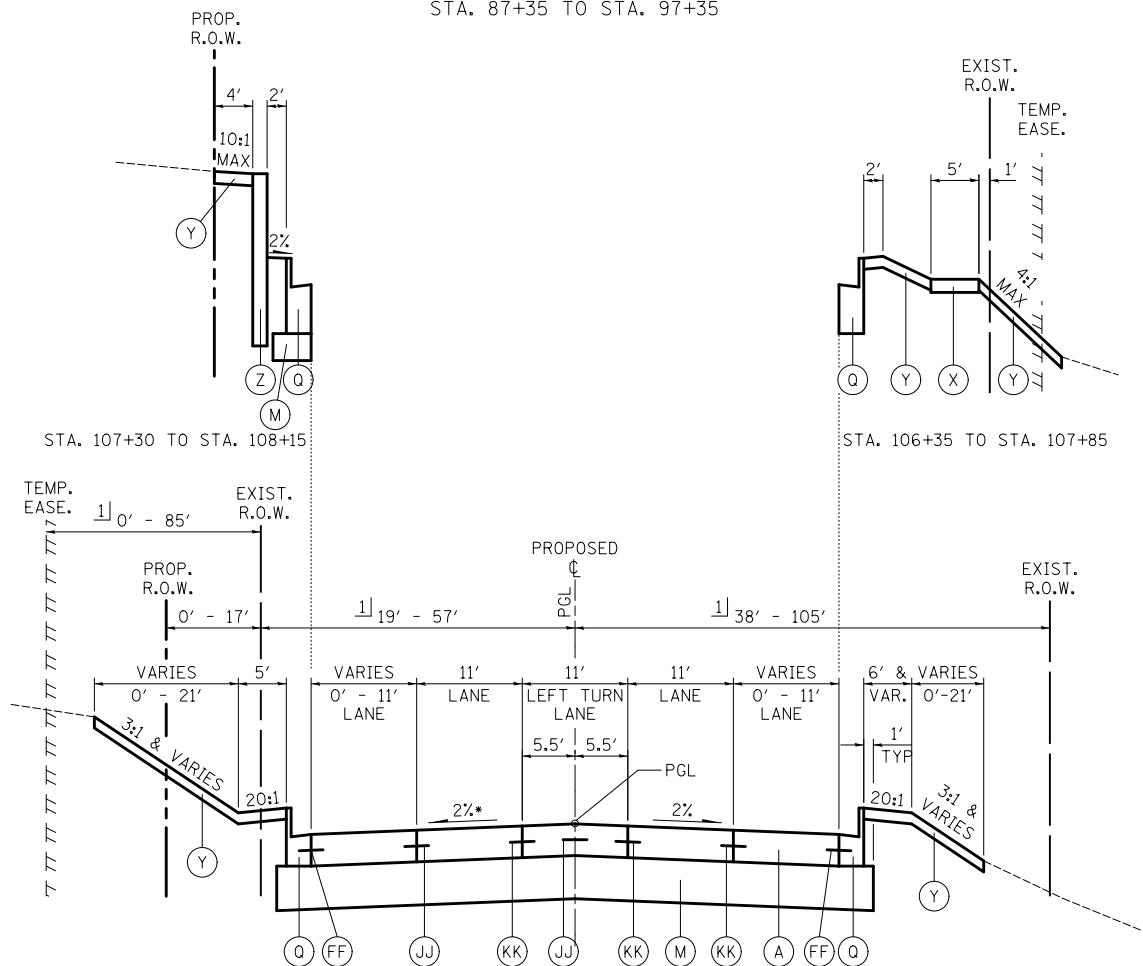


**ILLINOIS ROUTE 31**  
STA. 87+35 TO STA. 97+35



\* MSE (RIGHT) = 2.0% STA. 110+47 TO STA. 112+90  
S.E. TRANS. (+2.0% TO -2.0%) STA. 112+90 TO STA. 114+75

**ILLINOIS ROUTE 31**  
STA. 110+47 TO STA. 115+44



\* MSE (RIGHT) = 2.0% STA. 108+30 TO STA. 110+47  
S.E. TRANS. - STA. 106+95 TO STA. 108+30

**ILLINOIS ROUTE 31**  
STA. 97+35 TO STA. 110+47

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"
- ▨ HMA SURFACE REMOVAL, 2 3/4"

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		DRAWN - ARA	REVISED -
		CHECKED - GAB	REVISED -
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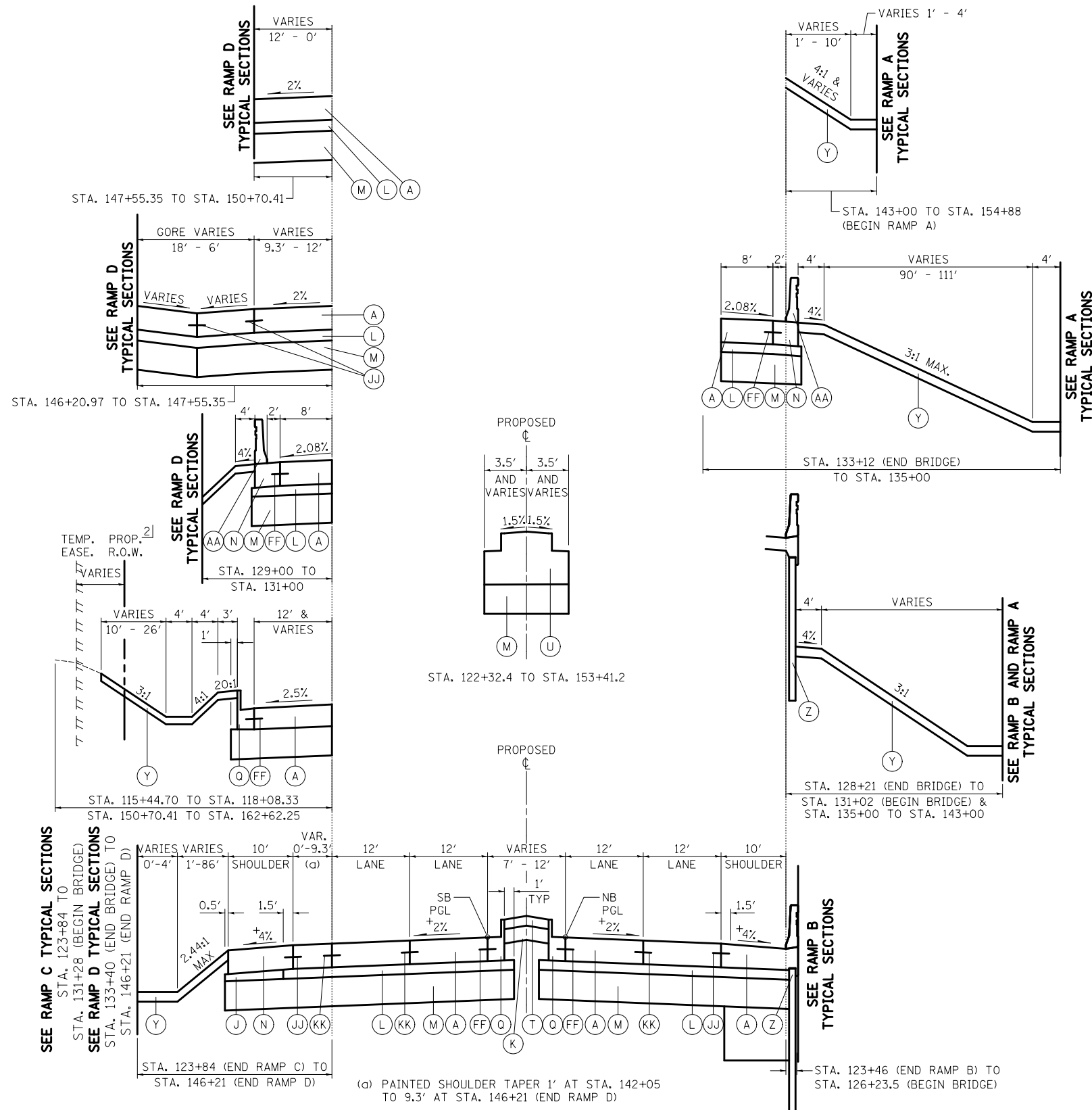
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 5 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	28
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





NOTE: STA. 118+08 TO STA. 123+84, SEE RAMP C.

- (c) PAINTED SHOULDER TAPER 1' AT STA. 142+05 TO 9.3' AT STA. 146+21 (END RAMP D)
- MSE 4.0% - STA. 120+25 TO STA. 124+70 S.E. TRANS. - STA. 117+25 TO STA. 120+25, STA. 124+70 TO STA. 126+73
- MSE 4.0% - STA. 151+30 TO STA. 160+05 S.E. TRANS. - STA. 148+40 TO STA. 151+30, STA. 160+05 TO STA. 162+95
- MSE 4.0% - STA. 167+45 TO STA. 179+10 S.E. TRANS. - STA. 164+55 TO STA. 167+45, STA. 179+10 TO STA. 182+00
- + S.E. TRANS. - STA. 124+70 TO STA. 126+25, STA. 133+40 TO 134+04

**SHEET NOTES**

- 1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.
- 2] PROP. ACCESS CONTROL - STA. 150+70.41 TO STA. 162+62.25

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

**ILLINOIS ROUTE 31**  
STA. 115+44 TO STA. 162+62.25

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USER NAME = ctb  
DESIGNED - GAB  
DRAWN - ARA  
PLOT SCALE = 2.0000' / in.  
CHECKED - GAB  
PLOT DATE = 5/2/2012  
DATE - 5/3/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 6 OF 15 SHEETS STA. TO STA.

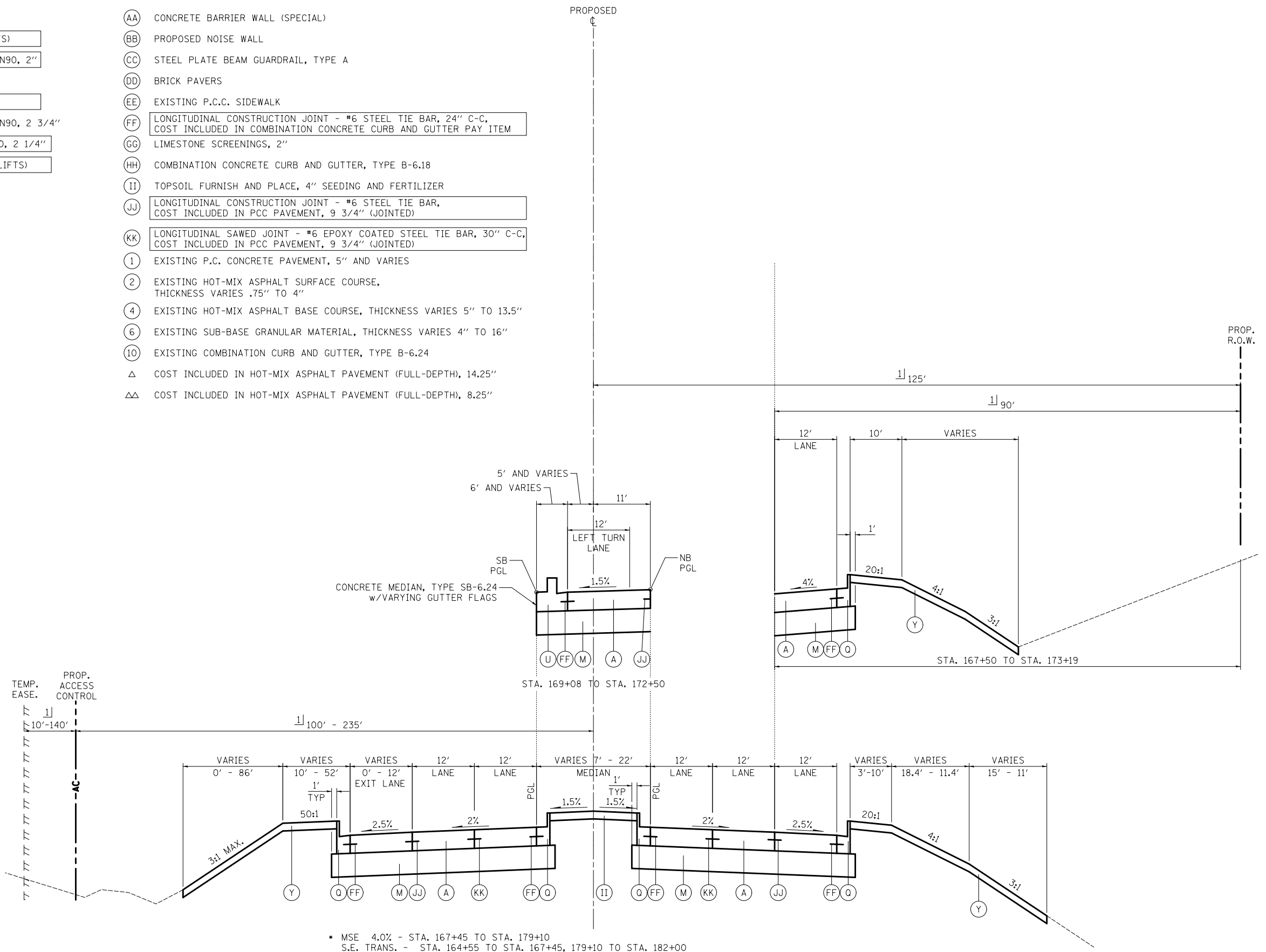
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	29
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

**SHEET NOTES**

1) SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.



\* MSE 4.0% - STA. 167+45 TO STA. 179+10  
 S.E. TRANS. - STA. 164+55 TO STA. 167+45, 179+10 TO STA. 182+00

**ILLINOIS ROUTE 31**

STA. 162+62.25 TO STA. 173+19

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		DRAWN - ARA	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

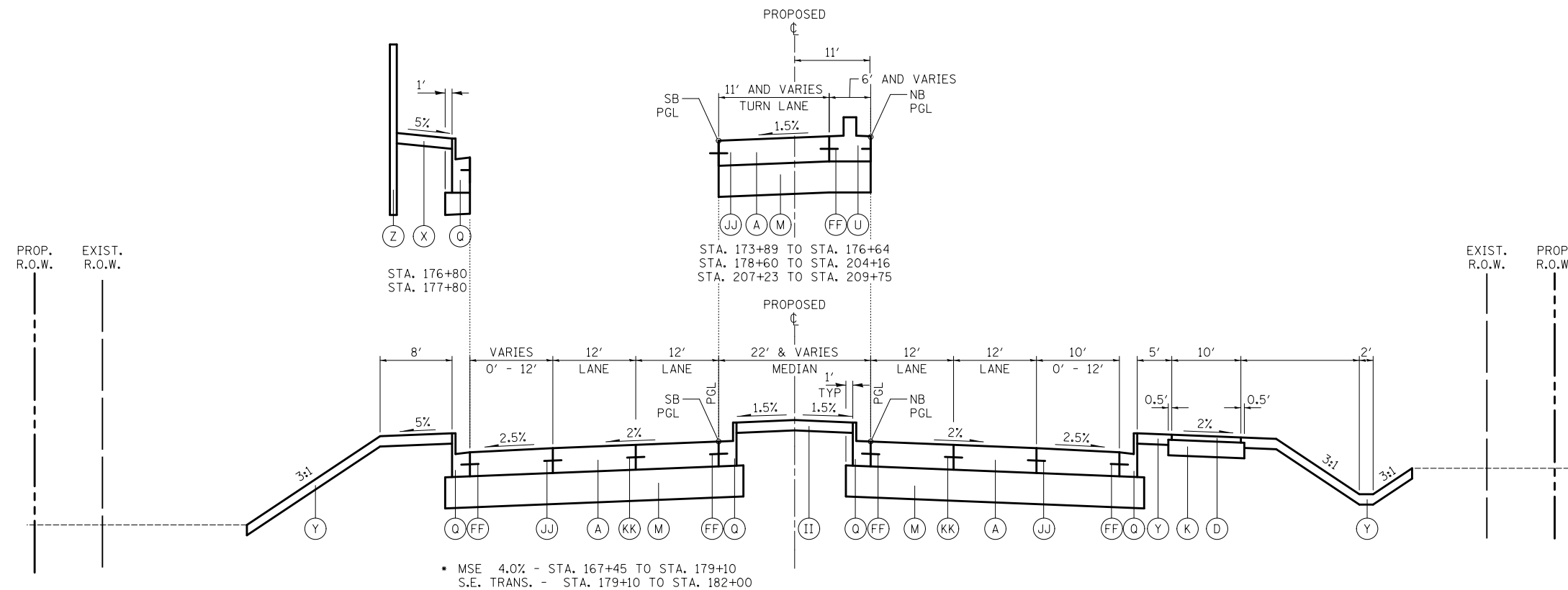
**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 7 OF 15 SHEETS STA. TO STA.

O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 30
<b>CONTRACT NO. 60F72</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

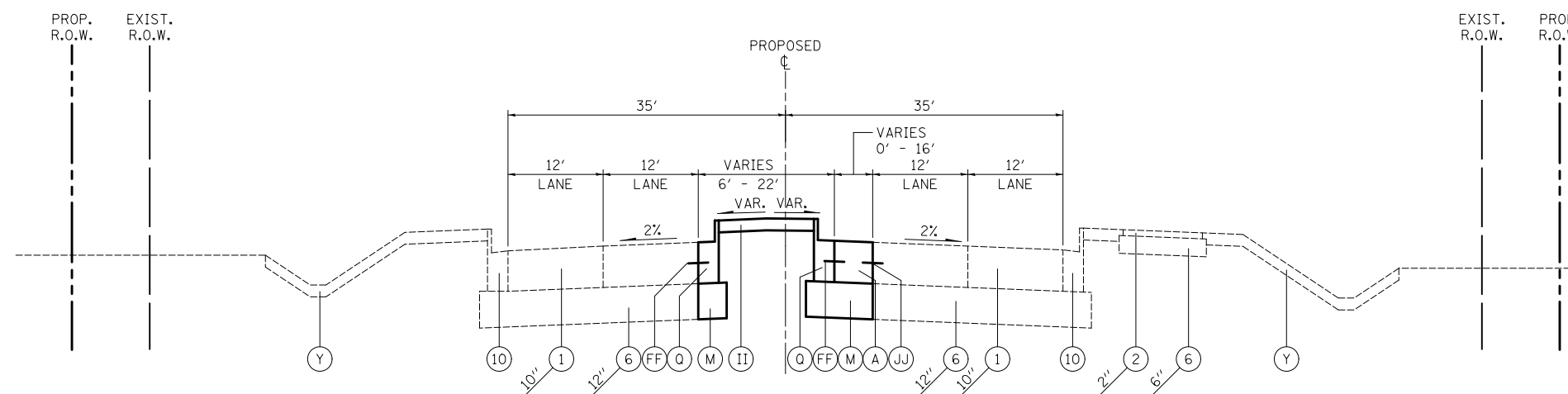
**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"



**ILLINOIS ROUTE 31**

STA. 173+19 TO STA. 212+25  
 STATION EQUATION: STA. 183+00 (BACK) =  
 STA. 203+07.81 (AHEAD)



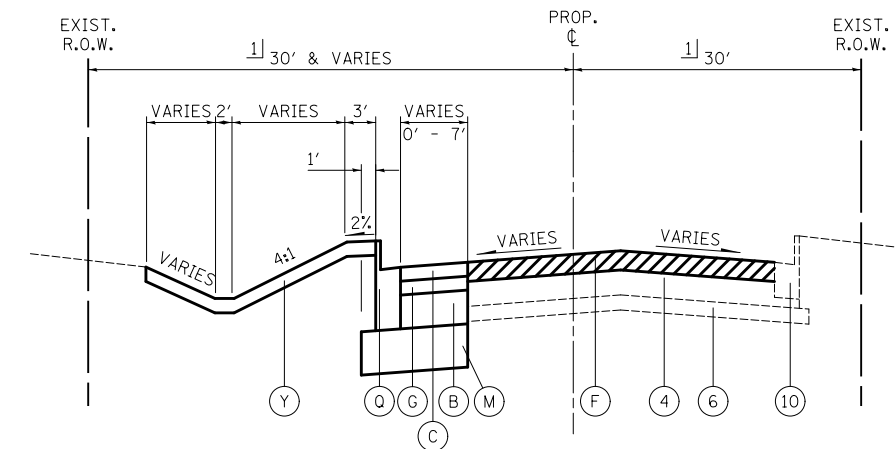
**ILLINOIS ROUTE 31**

STA. 212+25 TO STA. 214+28.36

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

FILE NAME = ...\\D160F72-sht-typical-08.dgn	USER NAME = ctb	DESIGNED - GAB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 31
		DRAWN - ARA	REVISED -		SCALE: N.T.S.	SHEET NO. 8 OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 60F72			
		CHECKED - GAB	REVISED -									
		DATE - 5/3/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



**EDGEWOOD DRIVE**

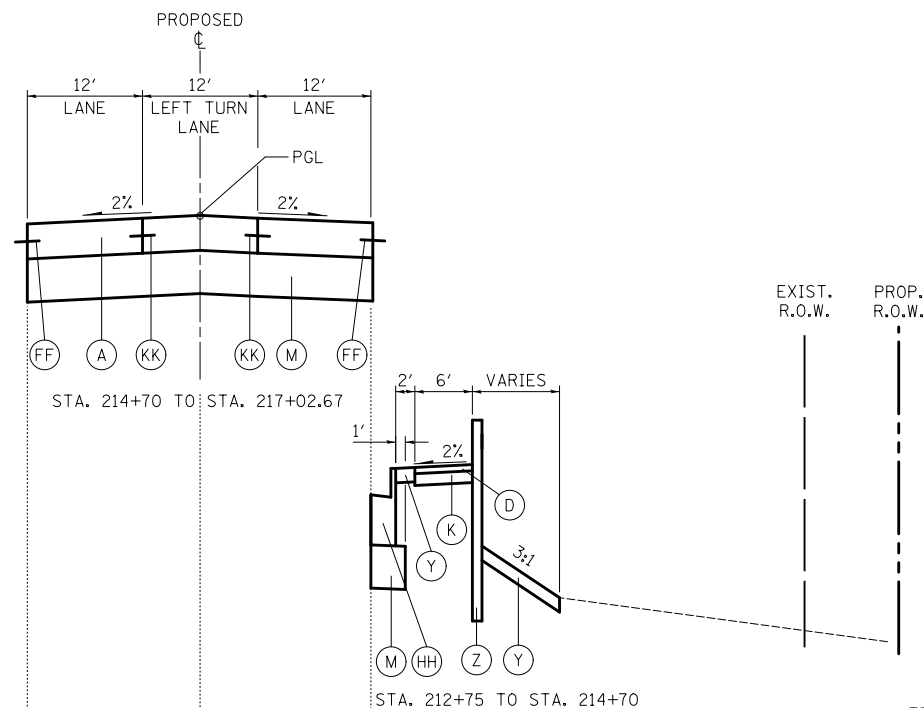
STA. 8+20.30 TO STA. 9+94.62

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"
- ▨ HMA SURFACE REMOVAL, 2 3/4"



**HUNTINGTON DRIVE**

STA. 209+97.84 TO STA. 217+02.67

- PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4".
- STA. 210+90 TO STA. 214+80

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	PLOT SCALE = 2.0000' / in.	DRAWN - ARA	REVISED -
	PLOT DATE = 5/2/2012	CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

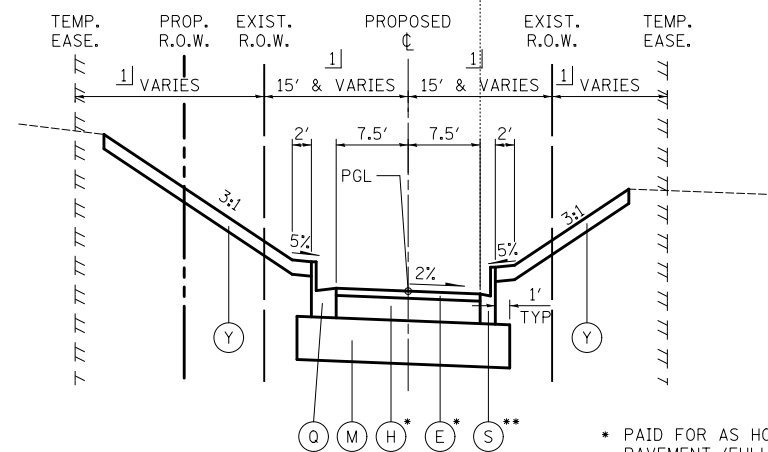
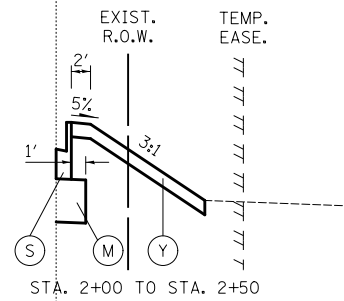
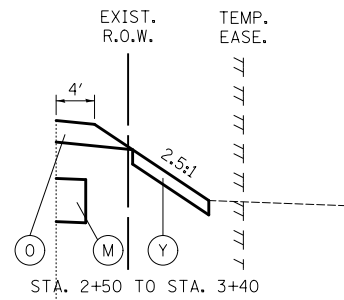
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 9 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	32
<b>CONTRACT NO. 60F72</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

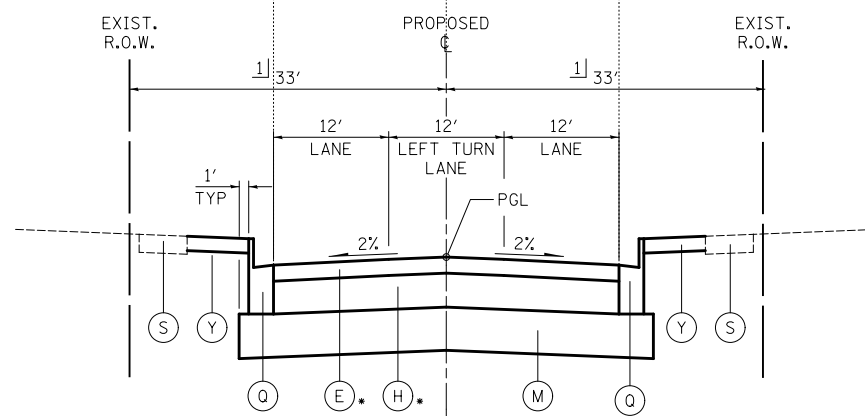
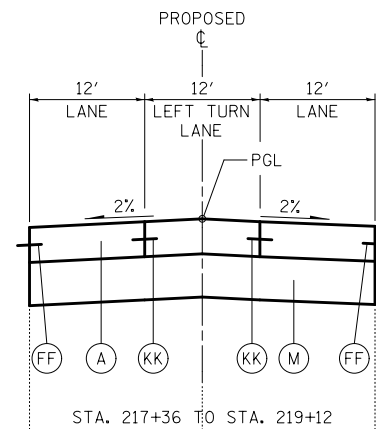




**LEGION DRIVE**  
STA. 0+23 TO STA. 3+40

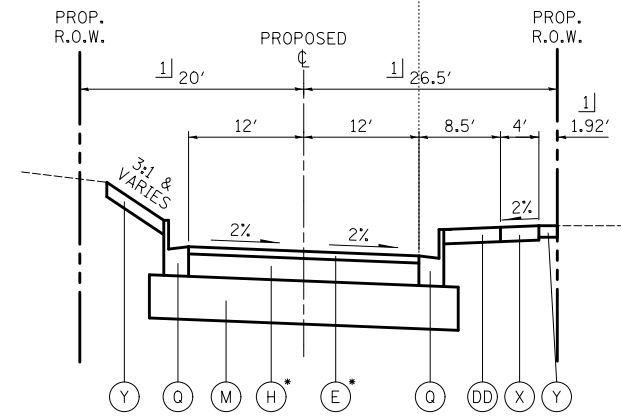
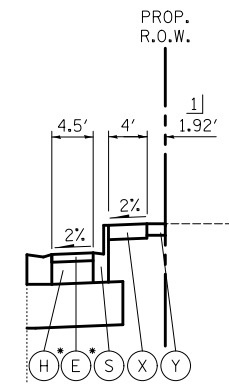
\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"

\*\* STA. 0+00 TO STA. 2+50



**SOUTH MAIN STREET**  
STA. 217+36 TO STA. 221+08

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"



**RAILROAD STREET**

STA. 300+51.64 TO STA. 303+98.02

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

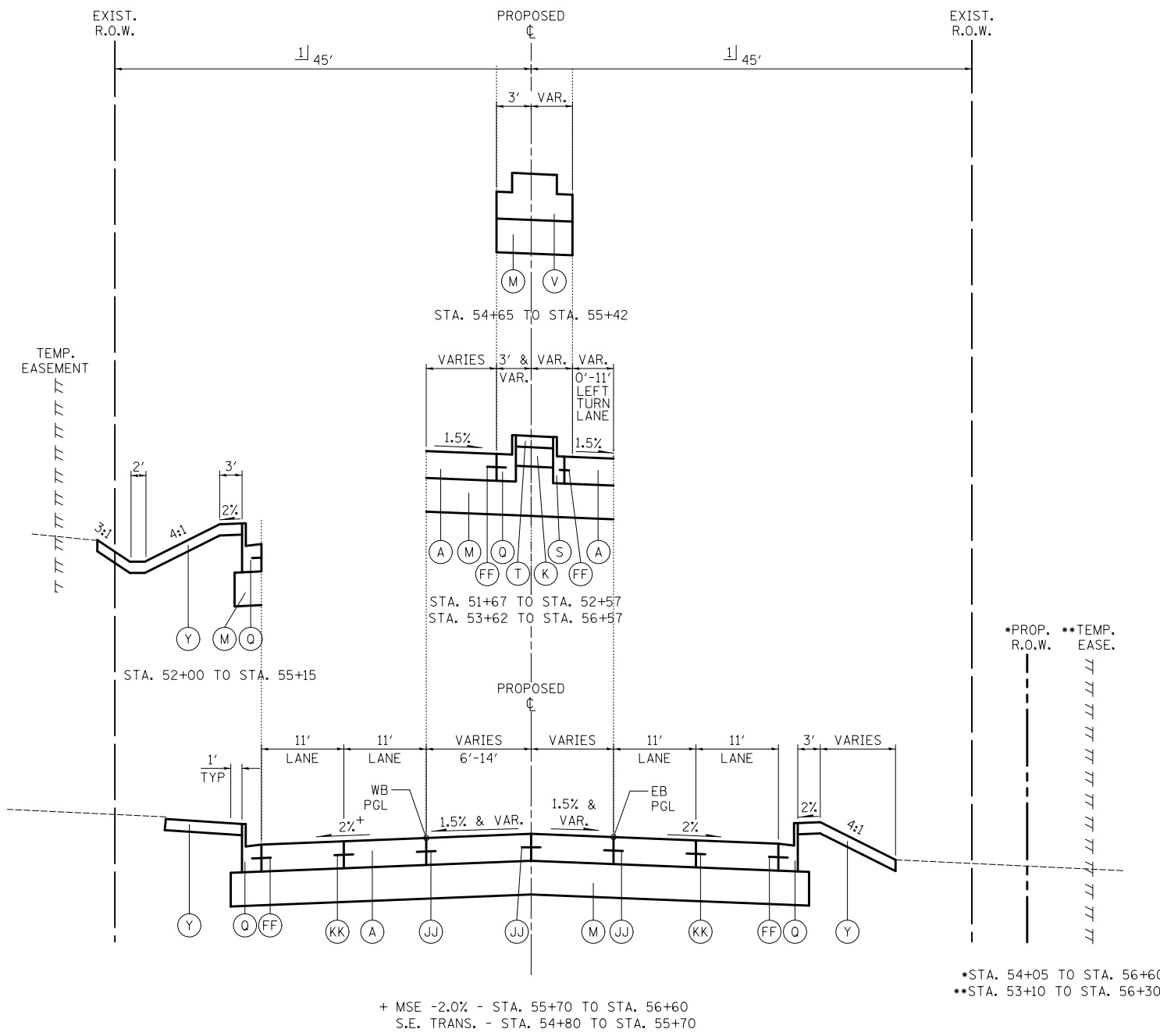
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	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 10 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	33
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



+ MSE -2.0% - STA. 55+70 TO STA. 56+60  
 S.E. TRANS. - STA. 54+80 TO STA. 55+70

**ILLINOIS ROUTE 62**  
 STA. 50+00 TO STA. 56+60

- LEGEND**
- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
  - △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
  - △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
  - (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
  - △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
  - △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
  - △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
  - (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
  - (J) SUB-BASE GRANULAR MATERIAL, TYPE B
  - (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
  - (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
  - (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
  - (O) AGGREGATE SHOULDER TYPE B, 6"
  - (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
  - (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
  - (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (T) CONCRETE MEDIAN SURFACE, 4"
  - (U) CONCRETE MEDIAN, TYPE SB-6.24
  - (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
  - (W) SELECT BACKFILL
  - (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
  - (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
  - (Z) PROPOSED RETAINING WALL
  - (AA) CONCRETE BARRIER WALL (SPECIAL)
  - (BB) PROPOSED NOISE WALL
  - (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
  - (DD) BRICK PAVERS
  - (EE) EXISTING P.C.C. SIDEWALK
  - (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
  - (GG) LIMESTONE SCREENINGS, 2"
  - (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
  - (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
  - (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
  - (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
  - (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
  - (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
  - (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
  - (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
  - (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
  - △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
  - △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

**SHEET NOTES**

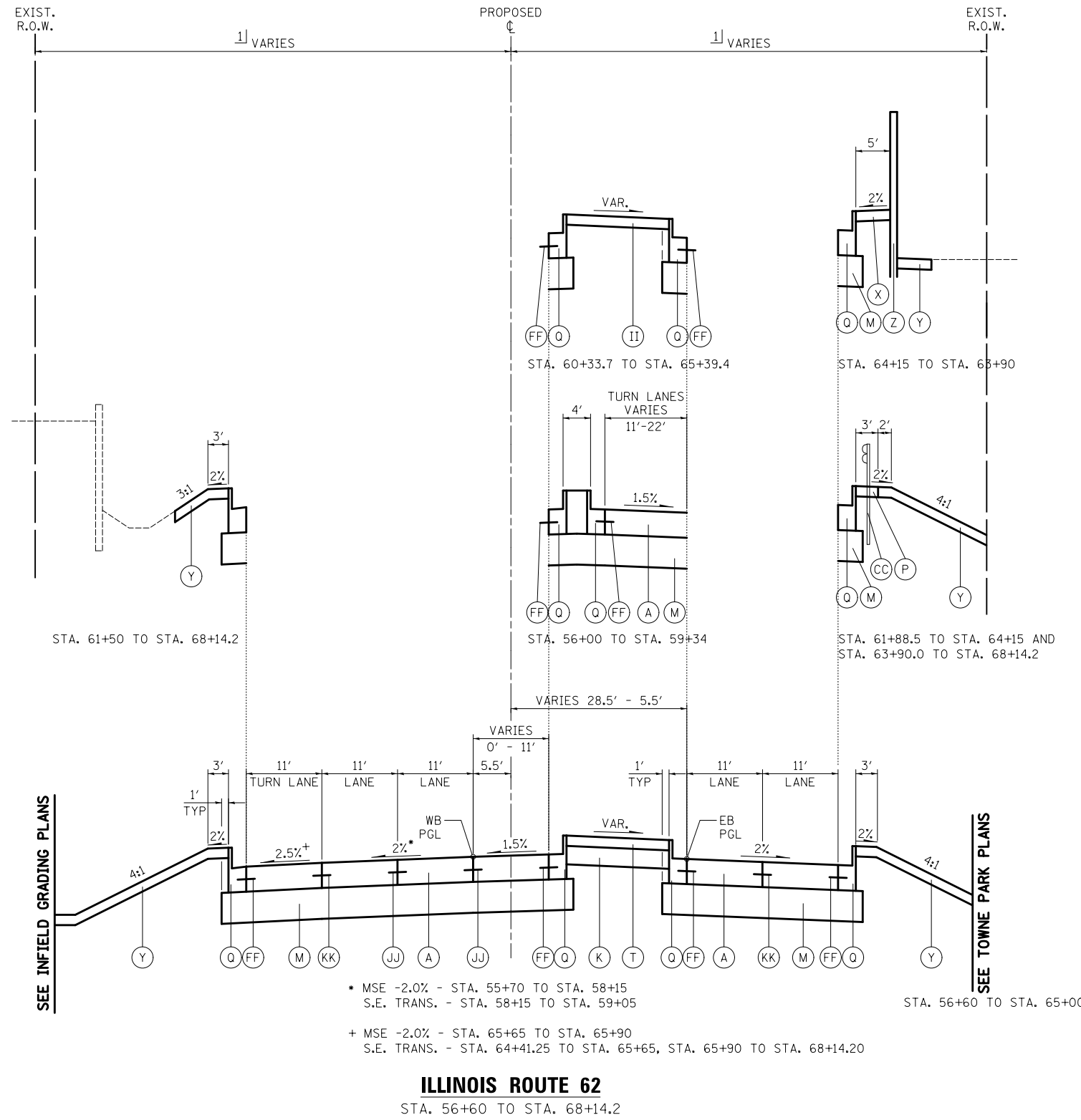
1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

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	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE: N.T.S.	SHEET NO. 11 OF 15 SHEETS
STA.	TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	34
<b>CONTRACT NO. 60F72</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
  - △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
  - △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
  - (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
  - △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
  - △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
  - △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
  - (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
  - (J) SUB-BASE GRANULAR MATERIAL, TYPE B
  - (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
  - (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
  - (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
  - (O) AGGREGATE SHOULDER TYPE B, 6"
  - (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
  - (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
  - (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (T) CONCRETE MEDIAN SURFACE, 4"
  - (U) CONCRETE MEDIAN, TYPE SB-6.24
  - (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
  - (W) SELECT BACKFILL
  - (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
  - (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
  - (Z) PROPOSED RETAINING WALL
  - (AA) CONCRETE BARRIER WALL (SPECIAL)
  - (BB) PROPOSED NOISE WALL
  - (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
  - (DD) BRICK PAVERS
  - (EE) EXISTING P.C.C. SIDEWALK
  - (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
  - (GG) LIMESTONE SCREENINGS, 2"
  - (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
  - (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
  - (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
  - (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
  - (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
  - (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
  - (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
  - (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
  - (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
  - △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
  - △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

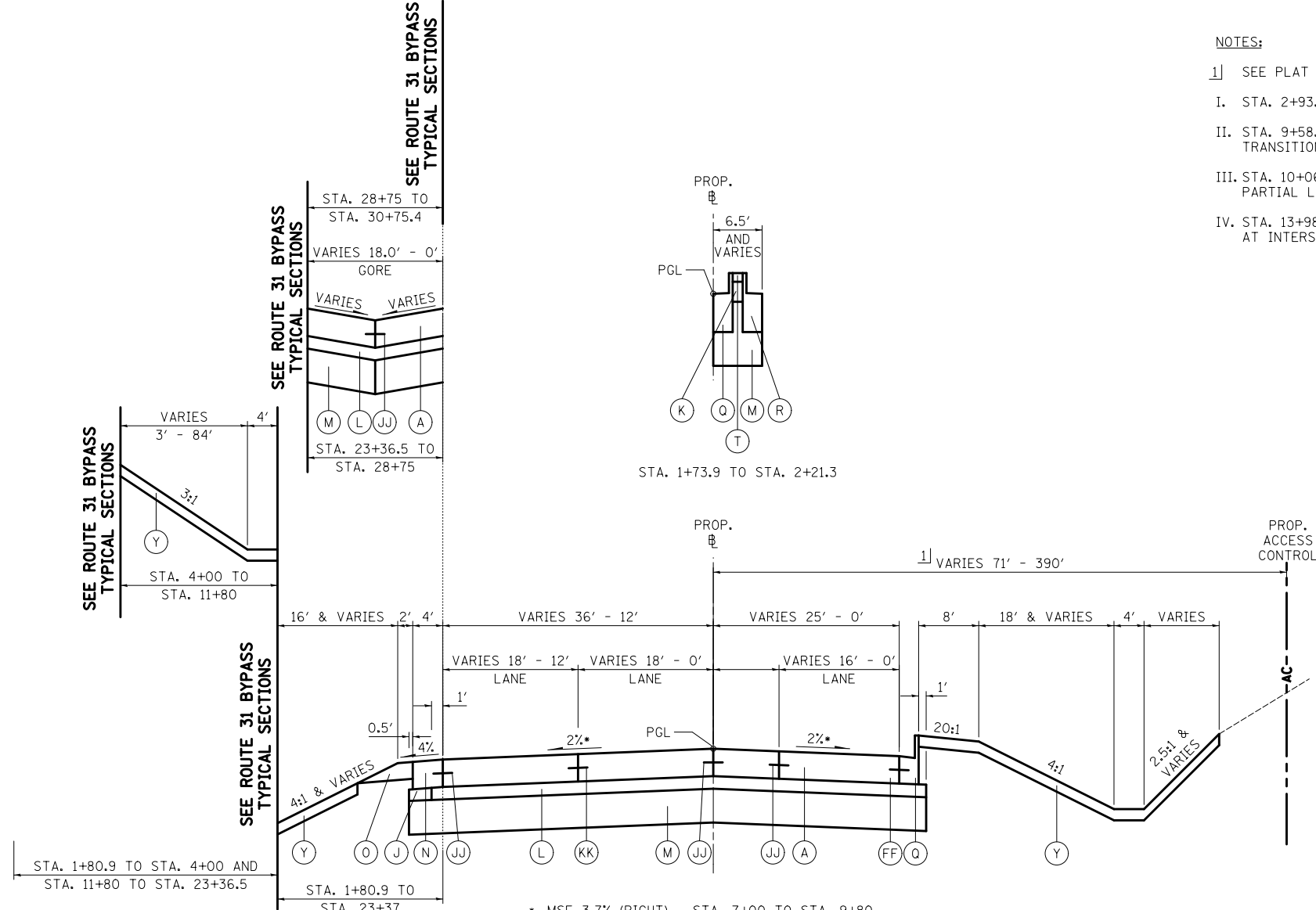
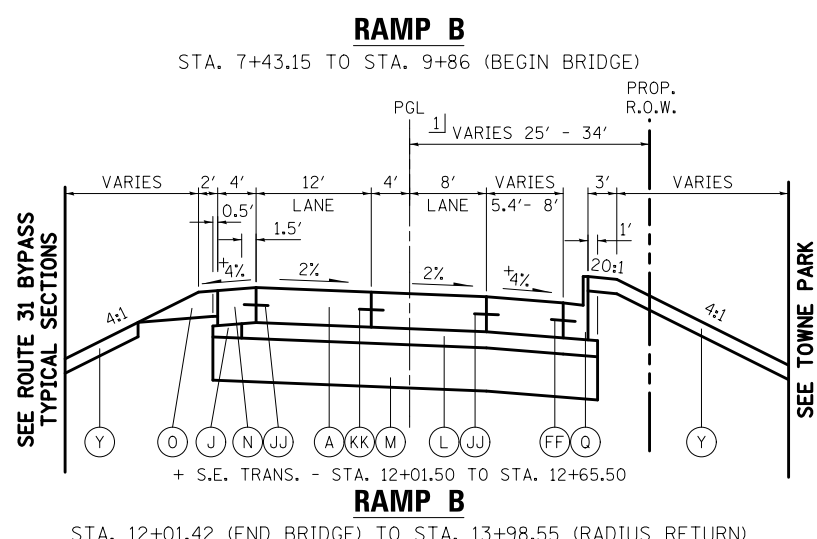
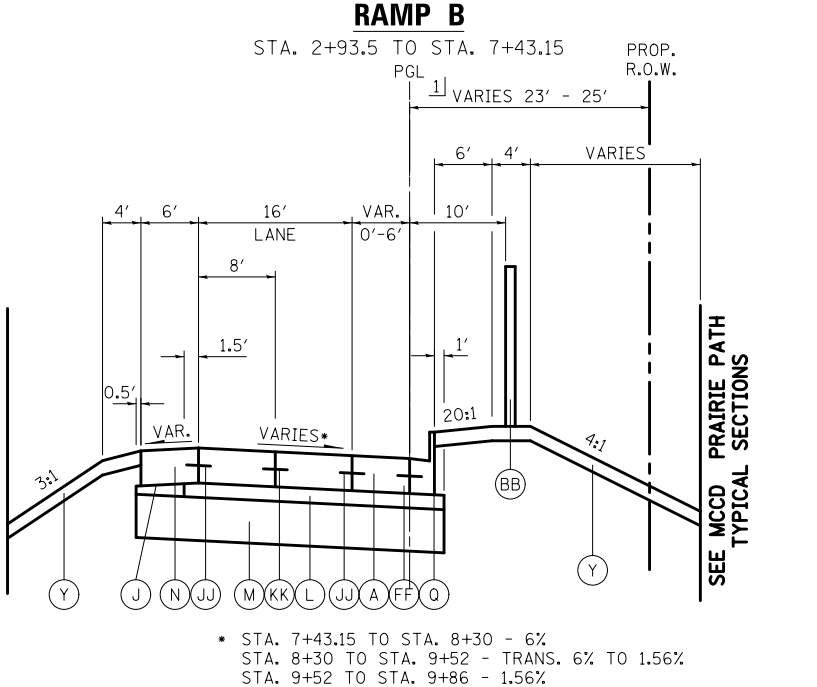
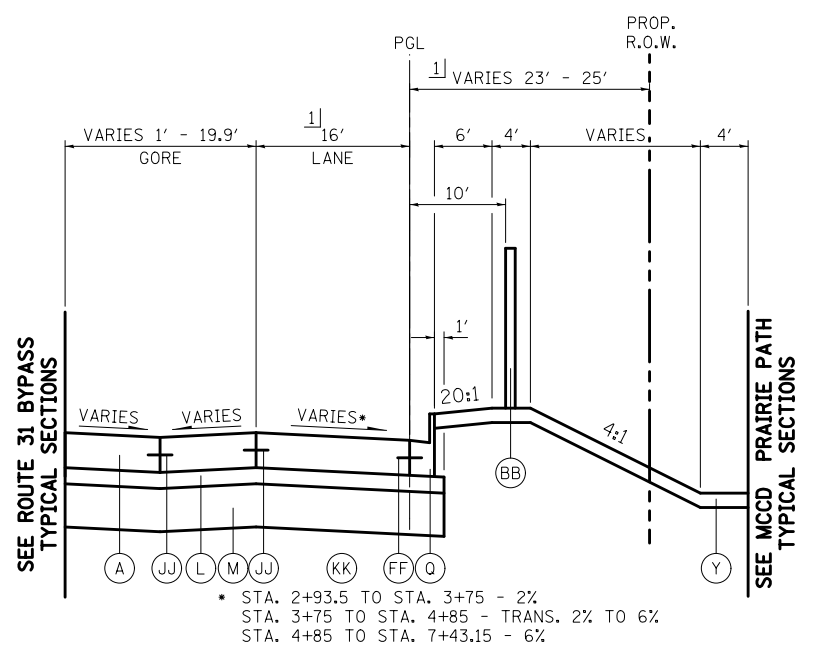
**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

FILE NAME = ... \D160F72-sh-typical-12.dgn	USER NAME = ctb	DESIGNED - GAB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ARA	REVISED -		SCALE: N.T.S.	SHEET NO. 12 OF 15 SHEETS	STA.	TO STA.	0003	18A-2	MCHENRY	825	35
		CHECKED - GAB	REVISED -		<b>CONTRACT NO. 60F72</b>								
		DATE - 5/3/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

**NOTES:**

- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY DIMENSIONS.
- I. STA. 2+93.5 - FULL 16' LANE BEGINS.
- II. STA. 9+58.87 TO STA. 10+06.08 - CURB & GUTTER TRANSITION ON EAST SIDE FOR BRIDGE APPROACH.
- III. STA. 10+06.08 TO STA. 12+01.42 - BRIDGE WITH PARTIAL LANE TAPER (0' TO 5.5').
- IV. STA. 13+98.55 - RADIUS RETURN BEGINS ON EAST SIDE AT INTERSECTION WITH ALGONQUIN ROAD.



\* MSE 3.7% (RIGHT) - STA. 7+00 TO STA. 9+80  
 S.E. TRANS. - STA. 5+00 TO STA. 7+00, 9+80 TO STA. 10+30  
 MSE 2.0% (RIGHT) - STA. 10+30 TO STA. 19+05  
 S.E. TRANS. - STA. 19+05 TO STA. 20+50  
 MSE 5.9% (RIGHT) - STA. 20+50 TO STA. 28+00  
 S.E. TRANS. - STA. 28+00 TO STA. 29+35  
 MSE 2.5% (RIGHT) STA. 29+35 TO STA. 30+75.4

**RAMP A**

STA. 1+73.9 TO STA. 30+75.4

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- (Δ) COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- (ΔΔ) COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

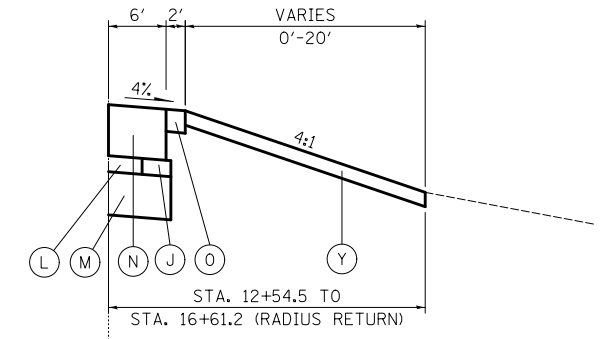
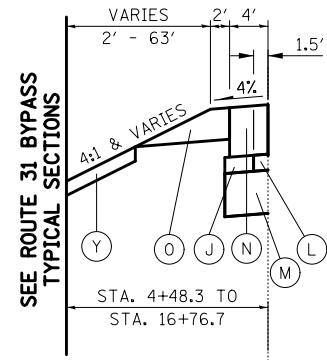
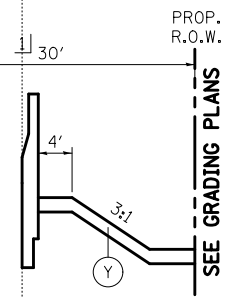
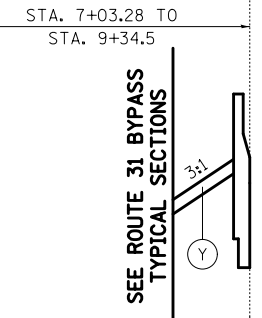
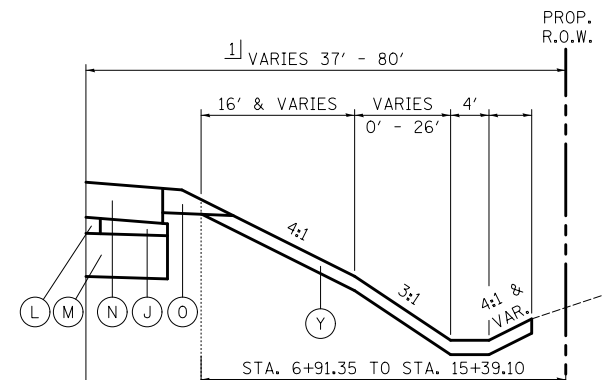
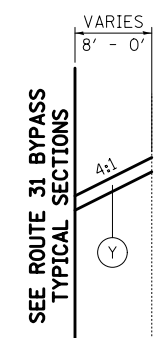
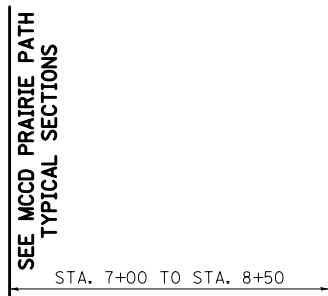
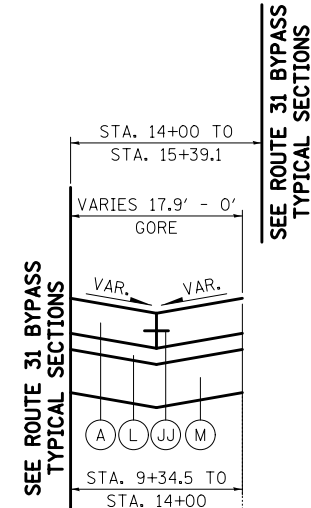
PROPOSED TYPICAL SECTIONS

FILE NAME =	USER NAME = ctb	DESIGNED - GAB	REVISED -
...\\D160F72-sht-typical-13.dgn		DRAWN - ARA	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

SCALE: N.T.S.	SHEET NO. 13 OF 15 SHEETS	STA. TO STA.	O.R. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			0003	18A-2	MCHENRY	825	36
						CONTRACT NO. 60F72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

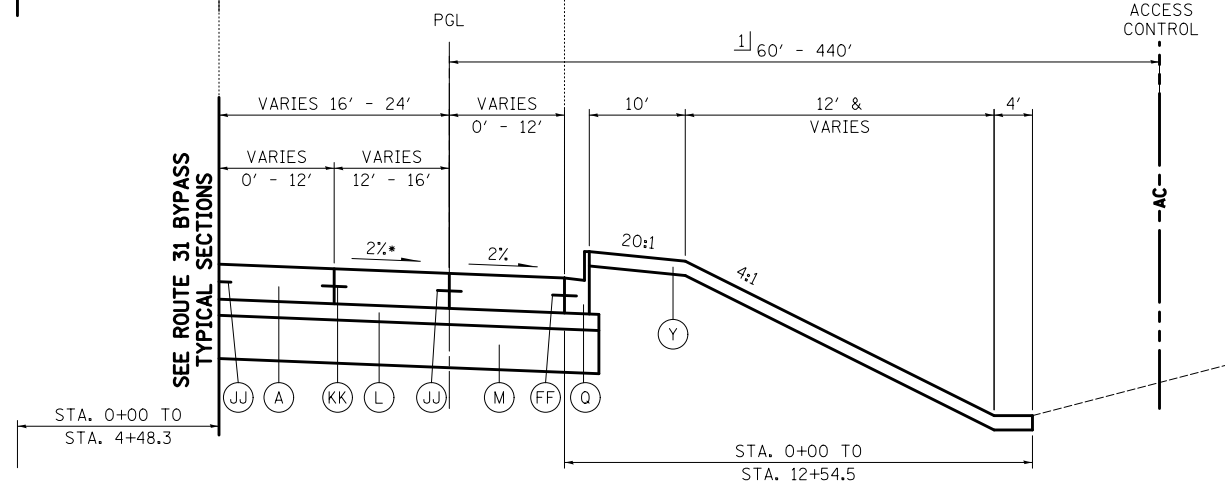
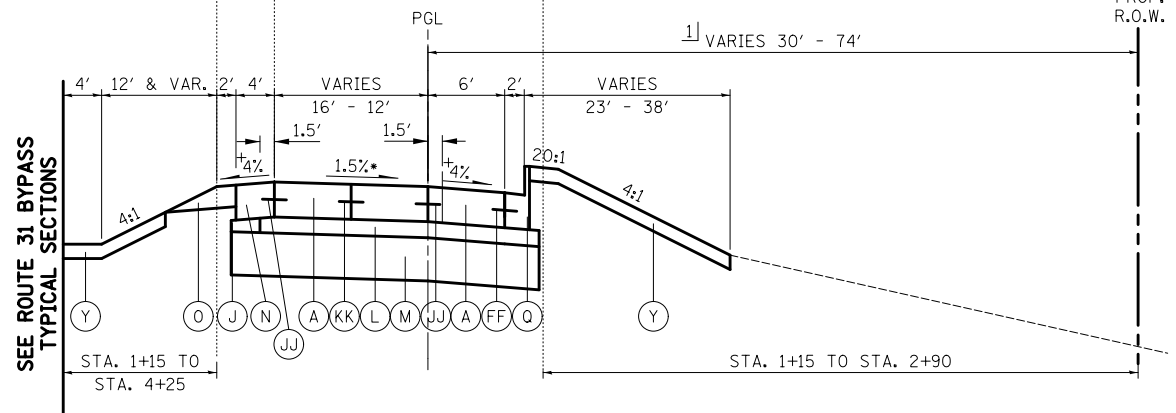
**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"



STA. 4+25 TO STA. 4+39 (BEGIN BRIDGE) AND STA. 6+49 (END BRIDGE) TO STA. 7+03.28

STA. 2+90.00 TO STA. 4+27.85 (BEGIN BRIDGE) AND STA. 6+38.31 (END BRIDGE) TO STA. 6+91.35



MSE 4.6% (LEFT) - STA. 8+30 TO STA. 11+25  
 S.E. TRANS. - STA. 6+58 TO STA. 8+30, STA. 11+25 TO STA. 11+50  
 MSE 4.0% (LEFT) - STA. 11+50 TO STA. 12+11.5  
 STA. 12+11.5 TO STA. 15+39.1 - MATCH RTE. 31 BYPASS CROSS SLOPE

+ S.E. TRANS. - STA. 3+64.90 TO STA. 4+28.90,  
 STA. 6+48.20 TO STA. 7+12.20

STA. 0+00 TO STA. 3+15 - MATCH RTE. 31 BYPASS CROSS SLOPE  
 MSE - 2.0% (LEFT) STA. 11+50 TO STA. 16+76.7  
 S.E. TRANS. - STA. 10+24.5 TO STA. 11+50

**RAMP C**

STA. 1+15 TO STA. 4+32 (BEGIN BRIDGE) AND STA. 6+40 (END BRIDGE) TO STA. 12+11.5

**RAMP D**

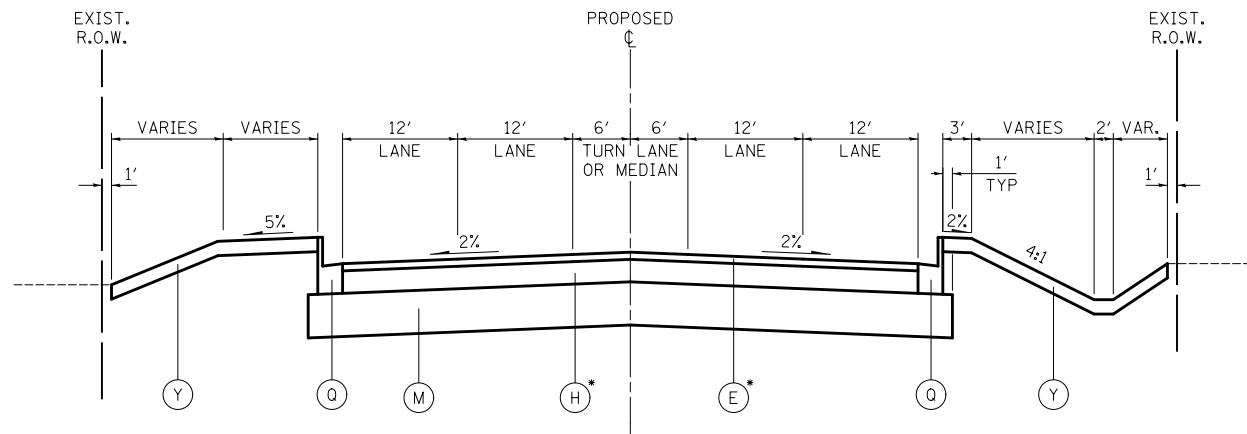
STA. 0+00 TO STA. 16+76.7

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

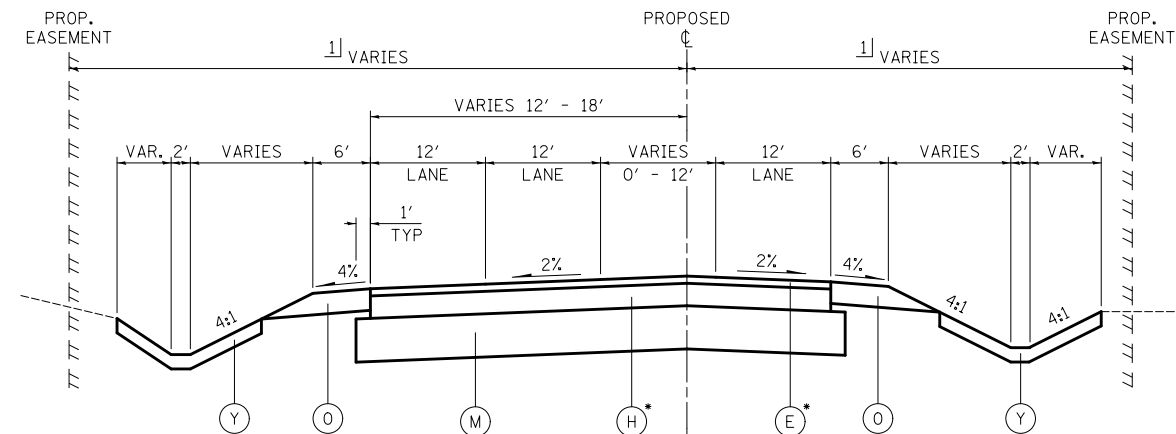
FILE NAME = ...\\D160F72-sht-typical-14.dgn	USER NAME = ctb	DESIGNED - GAB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 37
		DRAWN - ARA	REVISED -		SCALE: N.T.S.	SHEET NO. 14 OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 60F72			
		PLOT SCALE = 2.0000' / in.	CHECKED - GAB		REVISED -							
		PLOT DATE = 5/2/2012	DATE - 5/3/2012		REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						





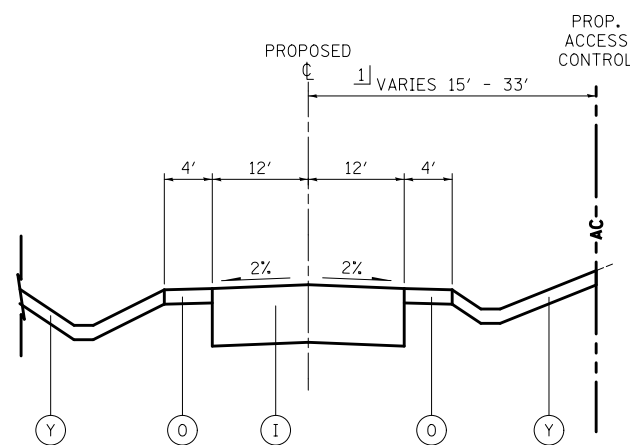
**NORTH MAIN STREET**  
STA. 50+00 TO STA. 57+23.89

• PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"

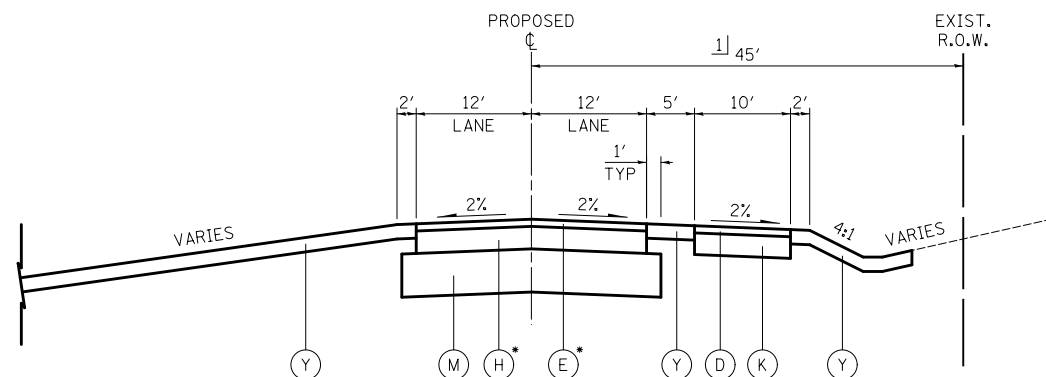


**QUARRY ACCESS**  
STA. 60+00 TO STA. 67+86.48

• PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"

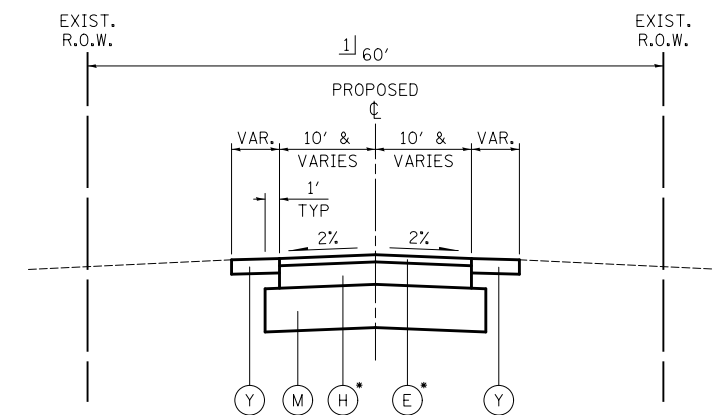


**ACCESS DRIVE**  
STA. 60+00 TO STA. 73+29.12



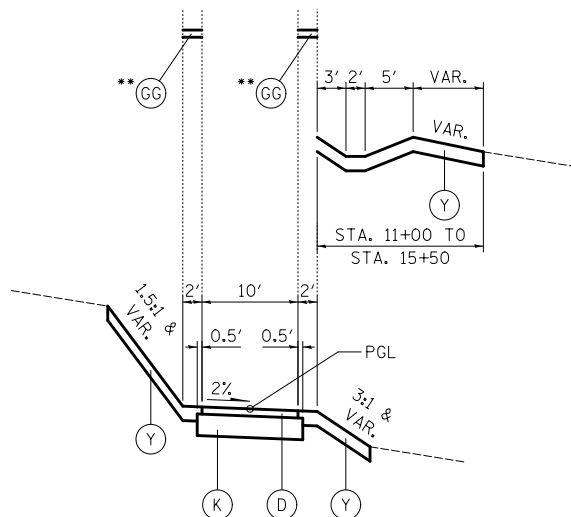
**FRONTAGE ROAD**  
STA. 0+00 TO STA. 5+41.25

• PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"



**ELMWOOD COURT  
OAKWOOD COURT  
LINDEN AVENUE**

• PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8 1/4"



• STA. 15+25 TO STA. 17+75  
SEE STRUCTURAL PLANS AND LANDSCAPE PLANS FOR MORE DETAILS

**MCD PRAIRIE PATH**  
STA. 0+00 TO STA. 26+13.88

**LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (1) EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- (4) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- (10) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- (Δ) COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- (ΔΔ) COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"

**SHEET NOTES**

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

FILE NAME =  
...D160F72-sht-typical-15.dgn

USER NAME = ctb  
PLOT SCALE = 2.0000' / in.  
PLOT DATE = 5/2/2012

DESIGNED - GAB  
DRAWN - ARA  
CHECKED - GAB  
DATE - 5/3/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 15 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	38
<b>CONTRACT NO. 60F72</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

INDEX OF SCHEDULES	
ITEM	SHEET NO.
PAVEMENT	39
SUBGRADE	40
SIDEWALK & DRIVEWAYS	40
BARRIERS	41
MAINTENANCE OF TRAFFIC	42 & 43
MAINTENANCE OF TRAFFIC	44 & 44A
PAVEMENT MARKINGS	45
SIGNAGE	46
LANDSCAPING	46
EARTH EXCAVATION	47
EMBANKMENT	48
P.G.E.	49

PAVEMENT											
STATION	HOT-MIX ASPHALT BASE CSE, 2.25"	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 14.25"	POLYMERIZED HOT-MIX ASPHALT SURFACE CSE, MIX "F", N90	HOT-MIX ASPHALT SURFACE CSE, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 8.25"	PORTLAND CEMENT CONCRETE PAVEMENT 9.75" (JOINTED)	AGGREGATE SHOULDERS, TYPE A 6"	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 6"	PORTLAND CEMENT CONCRETE SHOULDERS, 9.75"	
	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
IL ROUTE 31	87+35 TO 99+00	122	1352	644	14	804					
	99+00 TO 112+00	831			93	9402					
	112+00 TO 126+00					9201		69		526	
	126+00 TO 140+00					3547				1092	
	140+00 TO 153+00					8453				1755	
	153+00 TO 166+00					9199				201	
	166+00 TO 180+00				29	13711			23		
	180+00 TO 214+28.36				95	6723					
HUNTINGTON DR	209+97.84 TO 216+14.76	107			86	1765	607				
SOUTH MAIN ST	217+25 TO 221+08					954	455				
LEGION DR	0+23 TO 3+40					578		30			
RAILROAD ST	300+75 TO 303+98.02					903					
ALGONQUIN RD	50+00 TO 59+50	2452			275	7213					
	59+50 TO 68+14.20					9590			54		
RAMP A	0+32.87 TO 2+50					1392		10			
	2+50 TO 9+00					3082		145		291	
	9+00 TO 21+50					3310		279		558	
	21+50 TO 28+75.28					1758	1181	43		86	
RAMP B	2+93.46 TO 10+00					1608				163	
	10+00 TO 13+50					172		28		71	
	13+50 TO 15+16.46					828		12			
RAMP C	0+66.06 TO 2+50					488		22			
	2+50 TO 7+00					172		33		115	
	7+00 TO 12+11.48					1099		163		447	
RAMP D	3+14.82 TO 10+50					1635		134			
	10+50 TO 16+00					2160		196		468	
	16+00 TO 17+54.85					836		26		268	
NORTH MAIN ST	50+00 TO 57+23.89					4290					
FRONTAGE RD	0+80.52 TO 5+41.09	4			42	1285					
GREENWOOD CT	20+27 TO 21+75.41					424					
QUARRY ACCESS	60+00 TO 61+50					746		173			
	61+50 TO 67+86.49					1877		220			
MCCD PRAIRIE PATH	0+00 TO 26+13.88				321						
ACCESS DRIVE	60+00 TO 65+65										
	65+65 TO 73+29.13										
TOWNE PARK		4969			708						
TOTALS		8485	1352	644	1663	12926	97445	1181	1583	77	6041

SUBGRADE							
STATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE SUBGRADE IMPROVEMENT 24"	SUBBASE GRANULAR MATERIAL TYPE B 4 INCH	SUBBASE GRANULAR MATERIAL TYPE B 6 INCH	SUBBASE GRANULAR MATERIAL TYPE B 10 INCH	SUBBASE GRANULAR MATERIAL TYPE C	STABILIZED SUBBASE HOT-MIX ASPHALT, 4.5"
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(CU YD)	(SQ YD)
IL ROUTE 31 87+35 TO 99+00	1634		229				
99+00 TO 112+00	10565		570		831		
112+00 TO 126+00	11121			474		59	8429
126+00 TO 140+00	6812					121	6812
140+00 TO 153+00	10025					195	10025
153+00 TO 166+00	11017	3545		1483		23	8055
166+00 TO 180+00	1499		80	954			
180+00 TO 214+28.36	8386		246	1761			
HUNTINGTON DR 209+97.84 TO 216+14.76	2790			661	107		
SOUTH MAIN ST 218+25 TO 221+08	1666		126	11			
LEGION DR 0+23 TO 3+40	748						
RAILROAD ST 300+75 TO 303+98	1248		29				
ALGONQUIN RD 50+00 TO 59+50	7213		231	337	2452		
59+50 TO 68+14.20	6963						
RAMP A 0+32.87 TO 2+50	2110			438		2	2110
2+50 TO 9+00	3449					32	3449
9+00 TO 21+50	4015					62	4015
21+50 TO 28+75.29	2087					9	2087
RAMP B 2+93.46 TO 10+00	2153					18	2153
10+00 TO 13+50	607					8	607
13+50 TO 15+16.46	1038			58		3	1038
RAMP C 0+66.06 TO 2+50	488					5	599
2+50 TO 7+00	546					13	546
7+00 TO 12+11.49	1294					50	1294
RAMP D 3+14.82 TO 10+50	2028					30	2028
10+50 TO 16+00	2391					52	2391
16+00 TO 17+54.85	836			42		7	1009
NORTH MAIN ST 50+00 TO 57+25	4884		177				
FRONTAGE RD 0+80.52 TO 5+41.09	1387		216	361			
GREENWOOD CT 20+27 TO 21+75.41	459						
QUARRY ACCESS 60+00 TO 61+50	797						
61+50 TO 67+86.49	2037						
MCCD PRAIRIE PATH 0+00 TO 26+13.88				3154			
MEYER MATERIAL ACCES 60+00 TO 65+65	1513						
65+65 TO 73+29.13	2043						
TOWNE PARK			17	2251	4969		
TOTALS	117849	3545	1921	11985	8359	689	56647

SIDEWALK & DRIVEWAYS				
STATION	PCC SIDEWALK, 5 INCH, SPECIAL	DETECTABLE WARNINGS	PCC DRIVEWAY PAVT. 6 INCH	PCC DRIVEWAY PAVT. 8 INCH
	(SQ FT)	(SQ FT)	(SQ YD)	(SQ YD)
IL ROUTE 31 87+35 TO 99+00	31	19	107	
99+00 TO 112+00	4859	298	153	418
112+00 TO 126+00				
126+00 TO 140+00				
140+00 TO 153+00				
153+00 TO 166+00				
166+00 TO 180+00	471	68		80
180+00 TO 214+28.36		97	48	198
HUNTINGTON DR 209+97.84 TO 216+14.76	2156	6		
SOUTH MAIN ST 218+25 TO 221+08	762	70	13	113
LEGION DR 0+23 TO 3+40		37		
RAILROAD ST 300+75 TO 303+98	1219	26		29
ALGONQUIN RD 50+00 TO 59+50	531			231
59+50 TO 68+14.20	1813			
RAMP A 0+32.87 TO 2+50				
2+50 TO 9+00				
9+00 TO 21+50				
21+50 TO 28+75.29				
RAMP B 2+93.46 TO 10+00				
10+00 TO 13+50				
13+50 TO 15+16.46				
RAMP C 0+66.06 TO 2+50				
2+50 TO 7+00				
7+00 TO 12+11.49				
RAMP D 3+14.82 TO 10+50				
10+50 TO 16+00				
16+00 TO 17+54.85				
NORTH MAIN ST 50+00 TO 57+25				177
FRONTAGE RD 0+80.52 TO 5+41.09		74	44	168
GREENWOOD CT 20+27 TO 21+75.41		33		
QUARRY ACCESS 60+00 TO 61+50				
61+50 TO 67+86.49				
MCCD PRAIRIE PATH 0+00 TO 26+13.88				
TOWNE PARK	7502	95	17	
TOTALS	19344	823	382	1414

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 PLOT DATE = 5/2/2012

DESIGNED - DTE  
 DRAWN - DTE  
 CHECKED - GAB  
 DATE - 5/3/2012

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 2 OF 11 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	40
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BARRIERS

STATION	CLASS SI CONCRETE (OUTLET)	CONCRETE CURB, TYPE B	COMB. CONC. C&G, TYPE B-6.12	COMB. CONC. C&G, TYPE B-6.18	COMB. CONC. C&G, TYPE B-6.24	COMB. CONC. C&G, TYPE M-6.06	CONC. MEDIAN SURFACE, 4 INCH	CONC. MEDIAN TYPE SB-6.12	CONC. MEDIAN TYPE SB-6.24	CONC. MEDIAN TYPE SB-6.24 (MODIFIED)	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	
	60600095	60600605	60603800	60604400	60605000	60608600	60618300	60619600	60620000	X6060200	63700275	63000001	63000003	63100167	63100045	63100070	63100085	
	(CU YD)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	
IL ROUTE 31	87+35 TO 99+00				1534													
	99+00 TO 112+00	647			2838	35	482											
	112+00 TO 126+00				2656		4267		2854		75				1	1		
	126+00 TO 140+00	30							6917				598				1	
	140+00 TO 153+00				555				9295				461	1				
	153+00 TO 166+00				4391		3453		370									
	166+00 TO 180+00				3831		879		125	4648				1	1			
	180+00 TO 214+28.36				3260			69	123	2286								
HUNTINGTON DR	209+97.84 TO 216+14.76	274		1099	109								89				1	
SOUTH MAIN ST	218+25 TO 221+08		70	16	589		100											
LEGION DR	0+23 TO 3+40		546															
RAILROAD ST	300+75 TO 303+98		152		635													
ALGONQUIN RD	50+00 TO 59+50	759	947		2124		3031		1365	537								
	59+50 TO 68+14.20				2490				466			24		1	1		1	
RAMP A	0+32.87 TO 2+50	3.0			539	228												
	2+50 TO 9+00				649													
	9+00 TO 21+50				1250													
	21+50 TO 28+75.29				726													
RAMP B	2+93.46 TO 10+00		30		693									2			2	
	10+00 TO 13+50				149													
	13+50 TO 15+16.46	4.1			351	43	526											
RAMP C	0+66.06 TO 2+50	4.2	30		229									1				
	2+50 TO 7+00													1		1	2	
	7+00 TO 12+11.49				40										2	1		
RAMP D	3+14.82 TO 10+50				280													
	10+50 TO 16+00	3.8			185													
	16+00 TO 17+54.85				735	41	382											
NORTH MAIN ST	50+00 TO 57+25		56		1505													
FRONTAGE RD	0+80.52 TO 5+41.09																	
GREENWOOD CT	20+27 TO 21+75.41																	
QUARRY ACCESS	60+00 TO 61+50	7.6			13													
	61+50 TO 67+86.49																	
MEYER MATERIAL ACCESS																		
TOWNE PARK			2505															
TOTALS		22.7	1770	4276	1115	32356	347	13120	69	21515	7471	75	24	1148	7	5	3	7

MAINTENANCE OF TRAFFIC																
STATION	TEMPORARY FENCE	CLASS D PATCHES, TYPE I, 10 INCH	CLASS D PATCHES, TYPE II, 10 INCH	CLASS D PATCHES, TYPE III, 10 INCH	CLASS D PATCHES, TYPE IV, 10 INCH	TEMPORARY PAVEMENT	TEMPORARY SIDEWALK	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 12"	PAVEMENT MARKING TAPE, TYPE III - LTRS & SYMBLS	PAVEMENT MARKING TAPE, TYPE III - 4"	PAVEMENT MARKING TAPE, TYPE III - 6"	PAVEMENT MARKING TAPE, TYPE III - 12"	PAVEMENT MARKING TAPE, TYPE III - 24"
	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
STAGE 1A																
ALGONQUIN RD. 50+00 TO 53+00									900			37	1205	193		
53+00 TO 67+00			26	22	29				4322							
67+00 TO 72+00									345				622			
IL RTE 31 120+73 TO 127+75	1449															
STAGE 1B																
ALGONQUIN RD. 50+00 TO 53+00													864	492		
53+00 TO 67+00													3919			
67+00 TO 72+00													1168			
IL RTE 31 111+00 TO 117+50	386						153									
117+50 TO 129+65							475									
STAGE 1C																
IL RTE 31 111+00 TO 117+50	688															
117+50 TO 128+00																
STAGE 2																
IL RTE 31 115+40 TO 126+00	1154															
126+00 TO 138+60	1428															
138+60 TO 153+00																
153+00 TO 166+00																
166+00 TO 167+00																
RAMP A 0+00 TO 9+00																
9+00 TO 21+50																
21+50 TO 30+00																
RAMP B 0+00 TO 10+00																
10+00 TO 15+00																
RAMP C 1+00 TO 7+00																
7+00 TO 15+00																
RAMP D 0+00 TO 10+50																
10+50 TO 17+00																
TOTALS	5105		26	22	29		628		5567			37	7778	685		

NOTE:  
FOR REMAINING MAINTENANCE OF TRAFFIC QUANTITIES  
SEE SHEET NO. 43



MAINTENANCE OF TRAFFIC																
STATION	TEMPORARY FENCE	CLASS D PATCHES, TYPE I, 10 INCH	CLASS D PATCHES, TYPE II, 10 INCH	CLASS D PATCHES, TYPE III, 10 INCH	CLASS D PATCHES, TYPE IV, 10 INCH	TEMPORARY PAVEMENT	TEMPORARY SIDEWALK	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 12"	PAVEMENT MARKING TAPE, TYPE III - LTRS & SYMBLS	PAVEMENT MARKING TAPE, TYPE III - 4"	PAVEMENT MARKING TAPE, TYPE III - 6"	PAVEMENT MARKING TAPE, TYPE III - 12"	PAVEMENT MARKING TAPE, TYPE III - 24"
	20101000	44201761	44201765	44201769	44201771	Z0062456	Z0007430	70300210	70300220	70300240	70300260	70300510	70300520	70300540	70300560	70300560
	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
STAGE 3A																
IL RTE 31 95+00 TO 105+50				109	608	572							4222			
RTE 31/S MAIN 105+50 TO 111+00/218+25 TO 221+08		4		18	116	470							2279			
STAGE 3B																
EDGEWOOD 6+00 TO 9+50													1188	105	35	22
IL RTE 31 85+00 TO 92+00			12		309							73	1735	309	16	22
92+00 TO 104+50			10	18	131								4852		126	
104+50 TO 115+50				16	41								2351			
HUNTINGTON DR 109+97.84 TO 216+14.76																
SOUTH MAIN ST 218+25 TO 221+08				30			82						1984			
RAILROAD ST 300+75 TO 303+98							396									
LEGION DR 0+40 TO 3+50																
STAGE 3C																
EDGEWOOD 6+00 TO 9+50																
IL RTE 31 85+00 TO 92+00													1091			
92+00 TO 104+50													715			
104+50 TO 112+00													1347			
HUNTINGTON DR 109+97.84 TO 216+14.76													774			
SOUTH MAIN ST 218+25 TO 221+08																
STAGE 3D																
IL RTE 31 85+00 TO 92+00																
92+00 TO 104+50													2328			
104+50 TO 112+00													2375			
HUNTINGTON DR 109+97.84 TO 216+14.76													196			
SOUTH MAIN ST 218+25 TO 221+08													1245			
STAGE 4A																
NORTH MAIN ST 50+00 TO 54+50			22			664			2404	7	36	36	948	120	87	
54+50 TO 57+25					50	557		36.4	808	100			150			
QUARRY ACCES 60+00 TO 67+86.48													1725			
IL RTE 31 167+00 TO 175+50						189			1111		38					
175+50 TO 212+00						2750			5436		7					
212+00 TO 225+00						497			95				2442	421	51	
STAGE 4B																
NORTH MAIN ST 50+00 TO 54+50													2000	589		
54+50 TO 57+25													960			
QUARRY ACCES 60+00 TO 67+86.48													630			
IL RTE 31 167+00 TO 175+50													1994			
175+50 TO 212+00													3599	134		
212+00 TO 225+00													1476	276		
FRONTAGE RD 0+80.52 TO 5+41.09																
GREENWOOD CT 20+27 TO 21+75.41																
STAGE 4C																
NORTH MAIN ST 50+00 TO 54+50																
54+50 TO 57+25																
QUARRY ACCES 60+00 TO 67+86.48																
IL RTE 31 167+00 TO 175+50																
175+50 TO 212+00													380			
212+00 TO 225+00													431			
FRONTAGE RD 0+80.52 TO 5+41.09																
GREENWOOD CT 20+27 TO 21+75.41																
STAGE 3-4 TOTALS																
		4	44	191	1255	5699	478	36.4	9854	107	81	109	45417	1954	315	44
STAGE 1-2 TOTALS																
	5105		26	22	29		628		5567			37	7778	685		
TOTALS																
	5105	4	70	213	1284	5699	1106	36.4	15421	107	81	146	53195	2639	315	44

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PLOT DATE = 5/2/2012

DESIGNED - DTE  
DRAWN - DTE  
CHECKED - GAB  
DATE - 5/3/2012

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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 5 OF 11 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	43
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EROSION CONTROL												
STATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2	AGGREGATE (EROSION CONTROL)	FILTER FABRIC	ARTICULATED BLOCK REVTMENT MAT	TURF REINFORCEMENT MAT	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4
	28000305	28000400	28000510	25100630	28000250	25100115	28001000	28200200	28500400	25100900	28100105	28100107
	(FOOT)	(FOOT)	(EACH)	(SQ YD)	(POUND)	(ACRE)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
STAGE 1A												
ALGONQUIN RD. 50+00 TO 53+00		278	2	280	6							
53+00 TO 67+00		1773	29	15222	465	1.51	87	139	4			
67+00 TO 72+00		343	1	259	6							
IL RTE 31 120+73 TO 127+75		4031	8	35157	723		131	213	10	494		
RAMP C 1+00 TO 5+00	51											
MCCD 20+00 TO 25+00	160											
STAGE 1B												
ALGONQUIN RD. 50+00 TO 53+00		55	3	414	9							
53+00 TO 67+00	34	815	29	28075	755	1.74	262	465	55		5	
67+00 TO 72+00	8	20	4	146	3							
IL RTE 31 111+00 TO 117+50		1319		4367	122	0.32		35	30			
117+50 TO 129+65		1492	6	28578	735	1.45					5	
RAMP D 4+00 TO 12+00	8											
12+00 TO 16+50	34											
RAMP A 0+00 TO 15+00	84											
MCCD 6+00 TO 20+00	126											
CREEK RELOCATION		1730		8435	7			425				
STAGE 1C												
IL RTE 31 111+00 TO 117+50	17	863	2	3497	129	0.57		6				
117+50 TO 128+00	51	1675	12	7944	204	0.40			5			
STAGE 2A												
IL RTE 31 115+40 TO 126+00												
126+00 TO 138+60												
138+60 TO 153+00	253		5	6867	142			5	4			
153+00 TO 166+00	160		11	13402	277			20	16			
166+00 TO 178+00	84	421	16	17646	365							43
RAMP A 0+00 TO 9+00		15										
9+00 TO 21+50	152		6	7192	149		87	169	28			
21+50 TO 30+00	34		3	3573	74		44	82	12			
RAMP B 0+00 TO 10+00												
10+00 TO 15+00												
RAMP C 1+00 TO 7+00												
7+00 TO 15+00											5	
RAMP D 0+00 TO 10+50	236		4	4645	96		87	154	16			
10+50 TO 17+00											5	
QUARRY ACCES 60+00 TO 67+00	143	1095		5456	113							65
STAGE 2B												
IL RTE 31 168+00 TO 176+00				9623	199							
TOTALS	1633	15925	141	200778	4578	6.00	698	1713	180	494	20	108

NOTE:  
FOR REMAINING EROSION CONTROL QUANTITIES  
SEE SHEET NO. 44A

FILE NAME = ...\\D160F72-sht-schedule-06.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>	O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - DTE	REVISED -			0003	18A-2	MCHENRY	825	44	
		CHECKED - GAB	REVISED -			<b>CONTRACT NO. 60F72</b>					
		DATE - 5/3/2012	REVISED -			SCALE:	SHEET NO. 6 OF 11 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

EROSION CONTROL												
STATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2	AGGREGATE (EROSION CONTROL)	FILTER FABRIC	ARTICULATED BLOCK REVETMENT MAT	TURF REINFORCEMENT MAT	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4
	(FOOT)	(FOOT)	(EACH)	(SQ YD)	(POUND)	(ACRE)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
STAGE 3A												
IL RTE 31 95+00 TO 105+50		724	2	449	9							
RTE 31/S MAIN 105+50 TO 111+00/218+25 TO 221+08		414	2	496	10							
STAGE 3B												
EDGEWOOD 6+00 TO 9+50		15	1	1407	29							
IL RTE 31 85+00 TO 92+00			2									
92+00 TO 104+50		75	14	3119	64							
104+50 TO 115+50		40	22	847	17							
HUNTINGTON DR 09+97.84 TO 216+14.76		815	7	2858	59							20
SOUTH MAIN ST 218+25 TO 221+08			4	129	3							
RAILROAD ST 300+75 TO 303+98			5	141	3							
LEGION DR 0+40 TO 3+50		407	3	995	21						5	
STAGE 3C												
EDGEWOOD 6+00 TO 9+50												
IL RTE 31 85+00 TO 92+00												
92+00 TO 104+50												
104+50 TO 112+00												
HUNTINGTON DR 09+97.84 TO 216+14.76												
SOUTH MAIN ST 218+25 TO 221+08												
STAGE 3D												
IL RTE 31 85+00 TO 92+00												
92+00 TO 104+50												
104+50 TO 112+00												
HUNTINGTON DR 09+97.84 TO 216+14.76												
SOUTH MAIN ST 218+25 TO 221+08												
STAGE 4A												
NORTH MAIN ST 50+00 TO 54+50	25	427	7	822	17							
54+50 TO 57+25		240	2	921	19							
QUARRY ACCES 60+00 TO 67+86.48							44	67				
IL RTE 31 167+00 TO 175+50												
175+50 TO 212+00	8	310	15	3038	63							
212+00 TO 225+00		193	9	703	15							
STAGE 4C												
NORTH MAIN ST 50+00 TO 54+50	59	235	2	1596	33							
54+50 TO 57+25				699	14							
QUARRY ACCES 60+00 TO 67+86.48												
IL RTE 31 167+00 TO 175+50												
175+50 TO 205+50	25	548	6	1466	30							
205+50 TO 217+00		600	5	1068	22							
FRONTAGE RD 0+80.52 TO 5+41.09		556	5	856	18							
GREENWOOD CT 20+27 TO 21+75.41				517	11							
STAGE 4 TOTALS												
	118	5599	113	22127	457		44	67			5	20
STAGE 1-3 TOTALS												
	1633	15925	141	200778	4578	6.00	698	1713	180	494	20	108
TOTALS												
	1751	21524	254	222905	5036	6.00	742	1780	180	494	25	128

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	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET NO. 6A OF 11 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	44A
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS																
STATION	THERMOPLASTIC PAVT. MARKING- LETTERS & SYMBOLS	THERMOPLASTIC PAVT. MARKING- LINE 4"	THERMOPLASTIC PAVT. MARKING- LINE 6"	THERMOPLASTIC PAVT. MARKING- LINE 12"	THERMOPLASTIC PAVT. MARKING- LINE 24"	PAINT PAVT. MARKING- LETTERS & SYMBOLS	PAINT PAVT. MARKING- LINE 4"	POLYUREA PAVT. MARKING TYPE I- LETTERS & SYMBOLS	POLYUREA PAVT. MARKING TYPE I- LINE 4"	POLYUREA PAVT. MARKING TYPE I- LINE 6"	POLYUREA PAVT. MARKING TYPE I- LINE 8"	POLYUREA PAVT. MARKING TYPE I- LINE 12"	POLYUREA PAVT. MARKING TYPE I- LINE 24"	RAISED REFLECTIVE PAVEMENT MARKING	RECESSED REFLECTIVE PAVEMENT MARKING	
	78000100	78000200	78000400	78000600	78000650	78001100	78001100	78008200	78008210	78008230	78008240	78008250	78008270	78100100	X7810300	
	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	
IL ROUTE 31	87+35 TO 99+00	276	2310	770	47	108		36	338	55		47	20	79		
	99+00 TO 112+00					6	339	146	3903	1297		1169	178	104		
	112+00 TO 126+00							109	2346	236	1865	99		129		
	126+00 TO 140+00								3500			283		69		
	140+00 TO 153+00							36	2164		1553	416		66		
	153+00 TO 166+00							109	977		801	15		104		
	166+00 TO 180+00							255	1373	2139		467	202	126		
	180+00 TO 216+00							109	526	1092		449	34	68		
	216+00 TO 220+00							36	100	61		12		11		
HUNTINGTON DR	209+97.84 TO 216+14.76	36	1592	352	52			36	298	164			38	40		
SOUTH MAIN ST	218+25 TO 221+08		516	72	63	19		36	246	174			12	15		
LEGION DR	0+23 TO 3+40				94	10										
RAILROAD ST	300+75 TO 303+98															
ALGONQUIN RD	50+00 TO 59+50					104	972	182	1088	933		50	121	23	56	
	59+50 TO 68+14.20							109	1514	637	121	59	55	65		
RAMP A	0+32.87 TO 2+50								103		280	271		5		
	2+50 TO 9+00								815		826	90		17		
	9+00 TO 21+50								1484					22		
	21+50 TO 28+75.29								190		550	181				
RAMP B	2+93.46 TO 10+00								411		466	222		18		
	10+00 TO 13+50							73	700	58				2		
	13+50 TO 15+16.46							73	274	86	205	294	31	4		
RAMP C	0+66.06 TO 2+50								246							
	2+50 TO 7+00								900							
	7+00 TO 12+11.49								464		548	111				
RAMP D	3+14.82 TO 10+50								1204		133			4		
	10+50 TO 16+00							218	900	743				18		
	16+00 TO 17+54.85							109	119	243	134	17	49	8		
NORTH MAIN ST	50+00 TO 57+25	146	2442	456	93	20								63		
FRONTAGE RD	0+80.52 TO 5+41.09		50													
GREENWOOD CT	20+27 TO 21+75.41					12										
QUARRY ACCESS	60+00 TO 61+50		548	280	76									8		
	61+50 TO 67+86.49	36	1617	121	5									8		
MCCD PRAIRIE PATH	0+00 TO 26+13.88							2560								
TOWNE PARK						36	1999			118						
TOTALS		494	9075	2051	430	169	146	5870	1672	26183	8036	7482	4252	740	1076	56

SIGNAGE						
STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT, SPECTIAL	ORNAMENTAL STREET SIGN POST, COMPLETE	
	72000100	72000200	72800100	X7280105	XX006903	
	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(EACH)	
IL ROUTE 31	87+35 TO 99+00	12	96			1
	99+00 TO 112+00	89	190			3
	112+00 TO 126+00	38	96	13		
	126+00 TO 140+00	15	32			
	140+00 TO 153+00					
	153+00 TO 166+00	92	130			
	166+00 TO 180+00	67	144	13		1
	180+00 TO 214+28.36	33	64			2
HUNTINGTON DR	209+97.84 TO 216+14.76	26	48			
SOUTH MAIN ST	218+25 TO 221+08	19	32			
LEGION DR	0+23 TO 3+40	6	16			1
RAILROAD ST	300+75 TO 303+98	7	16			2
ALGONQUIN RD	50+00 TO 59+50	130	113		100	
	59+50 TO 68+14.20	64	99			
RAMP A	0+32.87 TO 2+50					
	2+50 TO 9+00	9	16			
	9+00 TO 21+50	18	32			
	21+50 TO 28+75.29	9				
RAMP B	2+93.46 TO 10+00	28	33			
	10+00 TO 13+50	9	16			
	13+50 TO 15+16.46					
RAMP C	0+66.06 TO 2+50					
	2+50 TO 7+00					
	7+00 TO 12+11.49	9				
RAMP D	3+14.82 TO 10+50	28	33			
	10+50 TO 16+00		16	12		
	16+00 TO 17+54.85	9				
NORTH MAIN ST	50+00 TO 57+25	8	32	12		
FRONTAGE RD	0+80.52 TO 5+41.09	14	32			2
GREENWOOD CT	20+27 TO 21+75.41	7	16			
QUARRY ACCESS	60+00 TO 61+50					
	61+50 TO 67+86.49					
MCCD PRAIRIE PATH	0+00 TO 26+13.88	5	15			
TOWNE PARK		9	90			
TOTALS		796	62	1407	100	12

LANDSCAPING									
STATION	SHEET NO.	SEEDING, CLASS 4	SEEDING, CLASS 4A	SEEDING, CLASS 4B	SEEDING, CLASS 5A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SELECTIVE MOWING STAKES	
		25000310	25000312	25000314	25000322	25000400	25000600	25000775	
		(ACRE)	(ACRE)	(ACRE)	(ACRE)	(POUND)	(POUND)	(EACH)	
IL ROUTE 31	87+35 TO 99+00	245	0.22			13	13		
	99+00 TO 112+00	246		0.01		22	22	3	
	112+00 TO 126+00	247	0.94	0.70	0.25	199	199	20	
	126+00 TO 134+00	248	3.02	2.01	1.74	428	428	32	
	134+00 TO 142+00	249	0.72		1.97	162	162	13	
	134+00 TO 142+00	250	2.11			126	126	22	
	142+00 TO 155+00	251	1.16			70	70	25	
	155+00 TO 166+00	252	4.27			256	256	32	
	166+00 TO 180+00	253	5.92			355	355	54	
	180+00 TO 214+28.36	254							
ALGONQUIN RD	50+00 TO 56+00	255		0.08		5	5	3	
	62+34.55 TO 68+14.20	256	1.43		0.53	111	111	9	
CRYSTAL CREEK RELOCATION	400 - 407								
TOTALS		19.78	2.72	2.43	2.52	1747	1747	213	
ROUNDED		20.00	2.75	2.50	2.75				

LANDSCAPING									
STATION	SHEET NO.	TALLGRASS PRAIRIE	SAVANNA SEED	EMERGENT SEED	WET PRAIRIE SEED	MESIC PRAIRIE SEED	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SELECTIVE MOWING STAKES
							25000400	25000600	25000775
		(ACRE)	(ACRE)	(ACRE)	(ACRE)	(ACRE)	(POUND)	(POUND)	(EACH)
IL ROUTE 31	87+35 TO 99+00	245							
	99+00 TO 112+00	246	0.32				41	41	
	112+00 TO 126+00	247	1.59				217	217	
	126+00 TO 134+00	248	0.00						
	134+00 TO 142+00	249							
	134+00 TO 142+00	250							
	142+00 TO 155+00	251							
	155+00 TO 166+00	252							
	166+00 TO 180+00	253							
	180+00 TO 214+28.36	254							
ALGONQUIN RD	50+00 TO 56+00	255							
	62+34.55 TO 68+14.20	256	0.13	0.35			29	29	
CRYSTAL CREEK RELOCATION	400 - 407		0.47	0.08	0.32	0.92	71	71	
TOTALS		2.04	0.82	0.08	0.32	0.92	358	358	
ROUNDED		2.25	1.00	0.25	0.50	1.00			



EARTH EXCAVATION													
ALIGNMENT	STATION	STATION	STAGE 1A	STAGE 1B	STAGE 2	STAGE 3A	STAGE 3B	STAGE 3C	STAGE 3D	STAGE 4A	STAGE 4B	STAGE 4C	TOTAL BY STATION
			(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
STOCKPILE 60F78													
ALGONQUIN RD	50+00	60+00	894.2	154.7									1048.9
ALGONQUIN RD	60+00	68+14	361.1	360.8									721.9
IL ROUTE 31	123+00	126+21											0.0
RAMP B	7+50	10+04											0.0
RAMP C	6+40	9+00											0.0
IL ROUTE 31	128+23	131+11											0.0
RAMP B	12+01	15+00											0.0
RAMP C	1+00	4+32											0.0
AREA A1-1A			8715.5										8715.5
AREA A2-1A			4683.2										4683.2
IL RTE 31	111+50	123+50											0.0
IL RTE 31 AHEAD	133+24	1+37											0.0
MCCD (AHEAD)	0+50	15+00		1100.5									1100.5
AREA A3-1B				6741.7									6741.7
AREA A4-1B				2510.0									2510.0
IL ROUTE 31	115+00	123+50			2823.9								2823.9
IL ROUTE 31	123+50	126+21			70.6								70.6
RAMP B	7+50	10+04			957.5								957.5
RAMP C	6+40	9+00			475.7								475.7
IL ROUTE 31	128+33	131+11											0.0
RAMP C	1+00	4+32			839.5								839.5
RAMP B	12+01	15+00			1022.7								1022.7
IL ROUTE 31	133+24	146+50			27132.4								27132.4
RAMP A	1+00	11+00			65521.9								65521.9
RAMP D	17+50	4+50			14967.1								14967.1
AREA A10-2													0.0
RAMP A	11+00	23+00			2761.0								2761.0
IL ROUTE 31	146+50	157+00			8401.6								8401.6
IL ROUTE 31	157+00	169+00			7269.7								7269.7
IL ROUTE 31	171+50	177+00			7265.8								7265.8
QUARRY ACCESS	60+00	68+00			9423.6								9423.6
ACCESS DRIVE	60+00	69+00			2036.9								2036.9
IL ROUTE 31	169+00	171+50			2378.4								2378.4
ACCESS DRIVE	69+00	73+00			3333.6								3333.6
AREA A6-2A					6250.4								6250.4
IL ROUTE 31	92+50	97+34				189.2							189.2
EDGEWOOD	8+32	9+50					226.1						226.1
HUNTINGTON	209+98	216+00					8681.0						8681.0
LEGION	0+50	3+40					2511.6						2511.6
SOUTH MAIN	218+00	221+08					128.5	5.7	27.8				162.0
RAILROAD	300+50	303+98					575.5						575.5
IL ROUTE 31	88+00	97+34					1256.6						1256.6
AREA A9-3B							55.6						55.6
IL ROUTE 31	97+34	105+00					2107.8						2107.8
AREA A8-3B							382.6						382.6
IL ROUTE 31	105+00	115+00					10356.9						10356.9
IL ROUTE 31	97+34	111+00						419.5	823.5				1243.0
IL ROUTE 31	175+00	212+00								3266.9	2086.5		5353.4
NORTH MAIN ST	50+00	57+50								1218.1	736.6		1954.7
FRONTAGE RD	0+50	5+00										1128.9	1128.9
TOTALS			14654.0	10867.7	162932.3	189.2	26282.2	425.2	851.3	4485.0	2823.1	1128.9	224638.9

EMBANKMENT																								
			STAGE 1A		STAGE 1B		STAGE 2		STAGE 3A		STAGE 3B		STAGE 3C		STAGE 3D		STAGE 4A		STAGE 4B		STAGE 4C		TOTAL BY STATION	
ALIGNMENT	STATION	STATION	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)	EMBANKMENT (CUYD)	FURNISHED EXCAVATION (CUYD)
STOCKPILE 60F78				-47600.0																		0.0	-47600.0	
ALGONQUIN RD	50+00	60+00	838.9	78.8	209.6	78.1																	1048.5	156.9
ALGONQUIN RD	60+00	68+14	5075.6	4768.7	412.7	106.0																	5488.3	4874.7
IL ROUTE 31	123+00	126+21	14060.5	14060.5																			14060.5	14060.5
RAMP B	7+50	10+04	11572.5	11572.5																			11572.5	11572.5
RAMP C	6+40	9+00	9328.9	9328.9																			9328.9	9328.9
IL ROUTE 31	128+23	131+11	33213.9	33213.9																			33213.9	33213.9
RAMP B	12+01	15+00	4395.5	4395.5																			4395.5	4395.5
RAMP C	1+00	4+32	2325.9	2325.9																			2325.9	2325.9
AREA A1-1A			3392.6	-4015.6																			3392.6	-4015.6
AREA A2-1A			62.0	-3918.7																			62.0	-3918.7
IL RTE 31	111+50	123+50			13492.0	13492.0																	13492.0	13492.0
IL RTE 31 AHEAD	133+24	1+37			18500.4	18500.4																	18500.4	18500.4
MCCD (AHEAD)	0+50	15+00			3793.8	2858.4																	3793.8	2858.4
AREA A3-1B					5490.5	-239.9																	5490.5	-239.9
AREA A4-1B					1635.0	-498.5																	1635.0	-498.5
IL ROUTE 31	115+00	123+50			8177.1	5776.8																	8177.1	5776.8
IL ROUTE 31	123+50	126+21			1047.4	987.4																	1047.4	987.4
RAMP B	7+50	10+04			38.8	-775.1																	38.8	-775.1
RAMP C	6+40	9+00			539.8	135.5																	539.8	135.5
IL ROUTE 31	128+33	131+11			2510.6	2510.6																	2510.6	2510.6
RAMP C	1+00	4+32			517.4	-196.2																	517.4	-196.2
RAMP B	12+01	15+00			115.8	-753.5																	115.8	-753.5
IL ROUTE 31	133+24	146+50			638.6	-22423.9																	638.6	-22423.9
RAMP A	1+00	11+00			130.6	-55563.0																	130.6	-55563.0
RAMP D	17+50	4+50			177.6	-12544.4																	177.6	-12544.4
AREA A10-2					2842.6	2842.6																	2842.6	2842.6
RAMP A	11+00	23+00			469.5	-1877.4																	469.5	-1877.4
IL ROUTE 31	146+50	157+00			255.2	-6886.2																	255.2	-6886.2
IL ROUTE 31	157+00	169+00			3315.4	-2863.8																	3315.4	-2863.8
IL ROUTE 31	171+50	177+00			1576.0	-4599.9																	1576.0	-4599.9
QUARRY ACCESS	60+00	68+00			8214.8	204.7																	8214.8	204.7
ACCESS DRIVE	60+00	69+00			0.0	-1731.4																	0.0	-1731.4
IL ROUTE 31	169+00	171+50			11554.3	9532.7																	11554.3	9532.7
ACCESS DRIVE	69+00	73+00			1079.4	-942.2																	1079.4	-942.2
AREA A6-2A					617.5	-2216.1																	617.5	-2216.1
IL ROUTE 31	92+50	97+34					0.0	-160.8															0.0	-160.8
EDGEWOOD	8+32	9+50							10.1	-182.1													10.1	-182.1
HUNTINGTON	209+98	216+00							239.0	-7139.9													239.0	-7139.9
LEGION	0+50	3+40							13.2	-2121.7													13.2	-2121.7
SOUTH MAIN	218+00	221+08							98.8	-10.4	49.8	45.0	125.4	101.8									274.0	136.3
RAILROAD	300+50	303+98							64.4	-424.8													64.4	-424.8
IL ROUTE 31	88+00	97+34							191.0	-877.1													191.0	-877.1
AREA A9-3B									235.0	187.7													235.0	187.7
IL ROUTE 31	97+34	105+00							33.4	-1758.2													33.4	-1758.2
AREA A8-3B									0.0	-325.2													0.0	-325.2
IL ROUTE 31	105+00	115+00							17.5	-8785.9													17.5	-8785.9
IL ROUTE 31	97+34	111+00									21.0	-335.6	460.2	-239.8									481.2	-575.4
IL ROUTE 31	175+00	212+00													363.3	-2413.6	862.0	-911.5	157.4	157.4			1382.7	-3167.7
NORTH MAIN ST	50+00	57+50													169.3	-866.1	212.9	-413.2					382.2	-1279.3
FRONTAGE RD	0+50	5+00																	154.1	-805.5			154.1	-805.5
TOTAL BY STAGE			84266.3	24210.4	43534.0	34296.5	43818.4	-91382.9	0.0	-160.8	902.4	-21437.5	70.8	-290.6	585.6	-138.0	532.6	-3279.7	1074.9	-1324.7	311.5	-648.1	175096.5	-60155.4
CUMULATIVE TOTALS			84266.3	24210.4	127800.3	58506.9	171618.7		171618.7		172521.1		172591.9		173177.5		173710.1		174785.0		175096.5			
CUMULATIVE TOTALS EXCESS MATERIAL								-91382.9				-91543.7												
TOTALS																								58507

FURNISHED EXCAVATION = EMBANKMENT - (1 - SHRINKAGE FACTOR (0.15)) x (EARTH EXCAVATION)  
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.  
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE IN THE PROJECT LIMITS.

SPECIAL EXCAVATION																		
			STAGE 1A		STAGE 1B		STAGE 2		STAGE 3C		STAGE 3D		STAGE 4A		STAGE 4B		TOTAL BY STATION	
			SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE	SPECIAL EXCAVATION	PGE
ALIGNMENT	STATION	STATION	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
ALGONQUIN RD	50+00	60+00	1656.8	1920.0	480.3	936.4											2137.1	2856.4
IL RTE 31	111+50	123+50			612.3	612.3											612.3	612.3
RAMP B	12+01	15+00			2982.2	2982.2											2982.2	2982.2
IL RTE 31	128+23	131+11			5230.9	5230.9											5230.9	5230.9
IL ROUTE 31	15+00	123+50					5268.1	5268.1									5268.1	5268.1
RAMP D	17+50	13+50					940.5	940.5									940.5	940.5
IL RTE 31	97+34	111+00							223.5	223.5	182.8	182.8					406.3	406.3
IL RTE 31	175+00	176+00											551.5	551.5			551.5	551.5
IL RTE 31	176+00	203+00											1096.7	1096.7	885.7	885.7	1982.4	1982.4
TOTALS			1656.8	1920.0	9305.7	9761.8	6208.6	6208.6	223.5	223.5	182.8	182.8	1648.2	1648.2	885.7	885.7	20111.3	20830.6

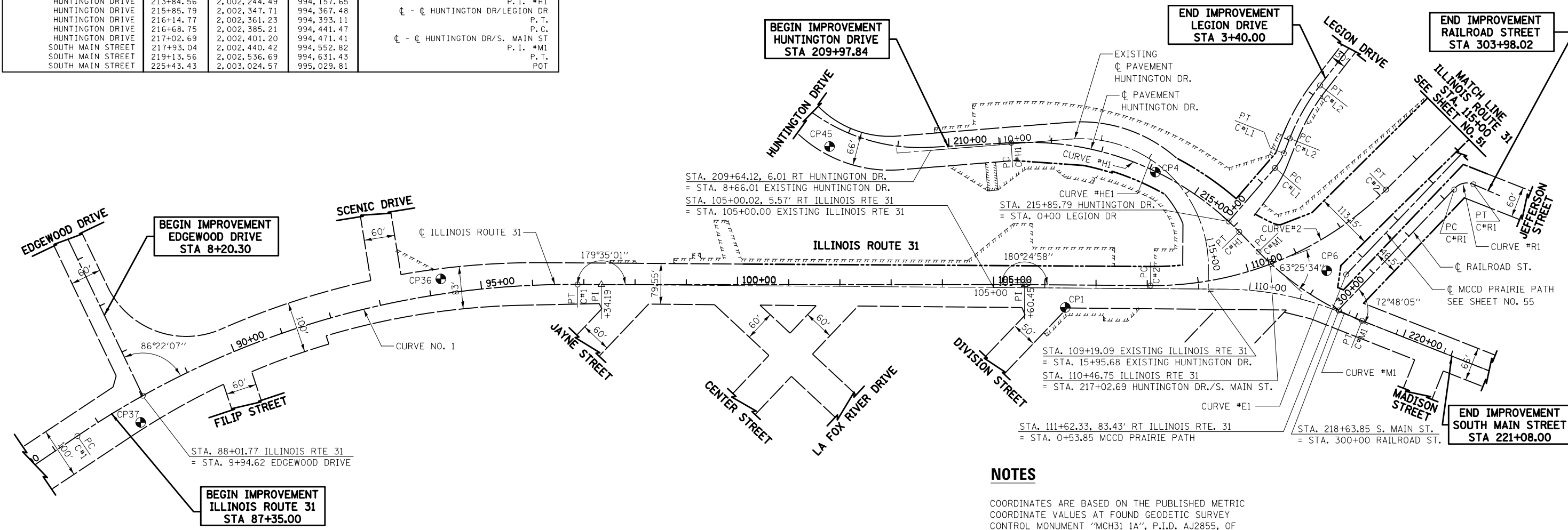
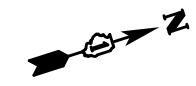
FILE NAME = ...\\D160F72-sht-schedule-11.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>	O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - DTE	REVISED -			0003	18A-2	MCHENRY	825	49	
		CHECKED - GAB	REVISED -			<b>CONTRACT NO. 60F72</b>					
		DATE - 5/3/2012	REVISED -			SCALE:	SHEET NO. 11 OF 11 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 31 - PROP	82+00.00	1,999,645.69	994,211.15	POT
ILLINOIS ROUTE 31 - PROP	88+01.77	2,000,224.52	994,047.12	☉ - ☉ IL RTE 31/EDGEWOOD DR
ILLINOIS ROUTE 31 - PROP	86+51.78	2,000,078.99	994,083.25	P.C.
ILLINOIS ROUTE 31 - PROP	91+86.12	2,000,591.47	993,931.99	P. I. *C1
ILLINOIS ROUTE 31 - PROP	96+87.84	2,001,099.31	994,098.18	P. T.
ILLINOIS ROUTE 31 - PROP	97+34.19	2,001,143.35	994,112.59	KINK
ILLINOIS ROUTE 31 - PROP	105+60.45	2,001,930.48	994,363.86	KINK
ILLINOIS ROUTE 31 - PROP	108+06.38	2,002,164.22	994,440.35	P.C.
ILLINOIS ROUTE 31 - PROP	110+46.75	2,002,401.18	994,471.42	☉ - ☉ IL RTE 31/HUNTINGTON/S MAIN ST
ILLINOIS ROUTE 31 - PROP	110+75.44	2,002,419.93	994,524.03	P. I. *C2
ILLINOIS ROUTE 31 - PROP	113+16.31	2,002,659.52	994,401.59	P. T.
EDGEWOOD DRIVE	3+00.00	2,000,130.14	993358.95	POT
EDGEWOOD DRIVE	9+94.62	2,000,224.52	994,047.12	☉ - ☉ IL RTE 31/EDGEWOOD DR
ILLINOIS ROUTE 31 - EXIST	105+00	2,001,871.18	994,350.77	POT
ILLINOIS ROUTE 31 - EXIST	109+53.23	2,002,301.94	994,491.74	P.C.
ILLINOIS ROUTE 31 - EXIST	110+65.05	2,002,408.21	994,526.52	P. I. *E1
ILLINOIS ROUTE 31 - EXIST	111+74.33	2,002,494.82	994,597.24	P. T.
ILLINOIS ROUTE 31 - EXIST	118+58.26	2,003,024.57	995,029.81	POT
HUNTINGTON DRIVE - EXIST	8+00.00	2,001,771.64	994,043.23	POT
HUNTINGTON DRIVE - EXIST	11+39.71	2,002,102.50	994,120.26	P.C.
HUNTINGTON DRIVE - EXIST	14+11.26	2,002,366.98	994,181.84	P. I. *HE1
HUNTINGTON DRIVE - EXIST	15+52.47	2,002,282.88	994,440.04	P. T.
HUNTINGTON DRIVE - EXIST	16+02.27	2,002,267.45	994,487.38	POT
HUNTINGTON DRIVE	209+64.12	2,001,837.44	994,052.38	POT
HUNTINGTON DRIVE	211+21.76	2,001,990.06	994,091.85	P.C.
HUNTINGTON DRIVE	213+84.56	2,002,244.49	994,157.65	P. I. *H1
HUNTINGTON DRIVE	215+85.79	2,002,347.71	994,367.48	☉ - ☉ HUNTINGTON DR/LEGION DR
HUNTINGTON DRIVE	216+14.77	2,002,361.23	994,393.11	P. T.
HUNTINGTON DRIVE	216+68.75	2,002,385.21	994,441.47	P.C.
HUNTINGTON DRIVE	217+02.69	2,002,401.20	994,471.41	☉ - ☉ HUNTINGTON DR/S. MAIN ST
SOUTH MAIN STREET	217+93.04	2,002,440.42	994,552.82	P. I. *M1
SOUTH MAIN STREET	219+13.56	2,002,536.69	994,631.43	P. T.
SOUTH MAIN STREET	225+43.43	2,003,024.57	995,029.81	POT

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
LEGION DRIVE	0+00.00	2,002,347.71	994,367.48	POT
LEGION DRIVE	1+38.33	2,002,465.67	994,295.22	P.C.
LEGION DRIVE	1+55.18	2,002,480.04	994,286.42	P. I. *L1
LEGION DRIVE	1+71.72	2,002,490.73	994,273.39	P. T.
LEGION DRIVE	2+03.04	2,002,510.60	994,249.18	P.C.
LEGION DRIVE	2+63.30	2,002,548.84	994,202.60	P. I. *L2
LEGION DRIVE	3+22.78	2,002,598.47	994,168.42	P. T.
LEGION DRIVE	4+85.75	2,002,732.70	994,075.99	POT
RAILROAD STREET	300+00.00	2,002,498.85	994,597.64	☉ - ☉ RAILROAD ST/S MAIN ST
RAILROAD STREET	303+30.07	2,002,788.60	994,439.56	P.C.
RAILROAD STREET	303+52.33	2,002,808.15	994,428.90	P. I. *L3
RAILROAD STREET	303+68.97	2,002,824.94	994,443.52	P. T.
RAILROAD STREET	304+25.00	2,002,867.20	994,480.31	POT

**LEGEND**

- EXISTING ALIGNMENT
- PROPOSED ALIGNMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT
- PROPERTY LINE
- CONTROL POINT



STA. 209+64.12, 6.01 RT HUNTINGTON DR.  
 = STA. 8+66.01 EXISTING HUNTINGTON DR.  
 STA. 105+00.02, 5.57' RT ILLINOIS RTE 31  
 = STA. 105+00.00 EXISTING ILLINOIS RTE 31

STA. 109+19.09 EXISTING ILLINOIS RTE 31  
 = STA. 15+95.68 EXISTING HUNTINGTON DR.  
 STA. 110+46.75 ILLINOIS RTE 31  
 = STA. 217+02.69 HUNTINGTON DR./S. MAIN ST.

STA. 111+62.33, 83.43' RT ILLINOIS RTE. 31  
 = STA. 0+53.85 MCCD PRAIRIE PATH

STA. 218+63.85 S. MAIN ST.  
 = STA. 300+00 RAILROAD ST.

**NOTES**

COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.

EXISTING		
ILLINOIS ROUTE 31	HUNTINGTON DR.	
Curve #E1	Curve #HE1	
P. I.	STA. 110+65.05	STA. 14+11.26
Δ	21° 06' 55"	94° 56' 10"
D	9° 32' 58"	23° 00' 01"
R	600.00'	249.11'
T	111.82'	271.55'
L	221.10'	412.76'
E	10.33'	119.40'
e		
P. C.	STA. 109+53.23	STA. 11+39.71
P. T.	STA. 111+74.33	STA. 15+52.47

P. I.	ILLINOIS ROUTE 31		HUNTINGTON DR./S. MAIN ST.		LEGION DR.		RAILROAD ST.
	Curve #1	Curve #2	Curve #H1	Curve #M1	Curve #L1	Curve #L2	Curve #R1
Δ	34° 33' 55"	45° 11' 23"	49° 07' 33"	24° 23' 35"	19° 07' 41"	16° 04' 11"	69° 39' 26"
D	3° 20' 10"	8° 51' 43"	9° 57' 52"	9° 57' 51"	57° 17' 45"	13° 25' 15"	173° 37' 25"
R	1717.39'	646.54'	575.00'	575.02'	100.00'	426.92'	33.00'
T	534.34'	269.06'	262.80'	124.29'	16.85'	60.26'	22.96'
L	1036.06'	509.93'	493.01'	244.81'	33.38'	119.74'	40.12'
E	81.20'	53.75'	57.21'	13.28'	1.41'	4.23'	7.20'
e	2.32%						
P. C.	STA. 86+51.78	STA. 108+06.38	STA. 211+21.76	STA. 216+68.75	STA. 1+38.33	STA. 2+03.04	STA. 303+26.50
P. T.	STA. 96+87.84	STA. 113+16.31	STA. 216+14.77	STA. 219+13.56	STA. 1+71.72	STA. 3+22.78	STA. 303+66.62

CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP37	IL RTE 31	87+72.01	43.18	2,000,204.70	994,095.45	740.31	MAG NAIL SET
CP36	IL RTE 31	94+24.18	-29.47	2,000,848.20	994,006.61	754.23	MAG NAIL SET
CP1	IL RTE 31	106+40.34	44.02	2,001,992.72	994,430.55	743.84	X-CUT IN WALK SET
CP6	IL RTE 31	111+35.89	58.04	2,002,500.71	994,517.32	749.30	5/8" IR W/CAP SET
CP45	HUNTINGTON DR	207+78.52	39.35	2,001,649.96	993,990.93	814.95	5/8" IR W/CAP SET
CP4	HUNTINGTON DR	214+12.39	1.24	2,002,240.75	994,232.08	766.40	X-CUT IN CURB SET



ILLINOIS RTE. 31	RAMP A	RAMP B	RAMP C		ALGONQUIN ROAD		
CURVE #3	CURVE #RA1	CURVE #RB1	CURVE #RC1	CURVE #RC2	CURVE #A1	CURVE #A2	CURVE #A3
P. I. STA. 122+51.26	STA. 8+41.44	STA. 6+71.79	STA. 9+59.17	STA. 12+63.80	STA. 56+94.15	STA. 66+05.85	STA. 69+70.71
Δ 45° 06' 40"	11° 54' 57"	47° 17' 42"	17° 00' 50"	20° 40' 21"	19° 57' 21"	22° 25' 15"	55° 11' 28"
D 8° 07' 36"	3° 19' 10"	10° 22' 47"	5° 04' 30"	7° 33' 32"	7° 17' 38"	18° 47' 08"	19° 24' 33"
R 705.04'	1726.00'	552.00'	1129.00'	758.00'	785.54'	305.00'	295.20'
T 292.84'	180.13'	241.71'	168.87'	138.25'	138.20'	60.45'	154.30'
L 555.10'	358.96'	455.65'	335.25'	273.49'	273.60'	119.35'	284.36'
E 58.40'	9.37'	50.60'	12.56'	12.50'	12.06'	5.93'	37.89'
e 4.00%	3.70%		4.60%			2.00%	2.00%
P. C. STA. 119+58.42	STA. 6+61.31	STA. 4+30.09	STA. 7+90.30	STA. 11+25.55	STA. 55+55.95	STA. 65+45.40	STA. 68+16.41
P. T. STA. 125+13.52	STA. 10+20.27	STA. 8+85.74	STA. 11+25.55	STA. 13+99.04	STA. 58+29.55	STA. 66+64.75	STA. 71+00.77

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 62 - PROP	47+00.00	2,004,895.22	993,233.81	POT
ILLINOIS ROUTE 62 - PROP	53+40.59	2,004,676.25	993,835.81	P. I.
ILLINOIS ROUTE 62 - PROP	56+94.15	2,004,558.86	994,169.32	P. I. #A1
ILLINOIS ROUTE 62 - PROP	55+55.95	2,004,604.74	994,038.96	P. C.
ILLINOIS ROUTE 62 - PROP	56+36.44	2,004,574.18	994,113.38	CL - CL IL RTE 62/ RAMP C
ILLINOIS ROUTE 62 - PROP	56+60.44	2,004,563.27	994,135.00	CL - CL IL RTE 62/ RAMP D 17+87.72
ILLINOIS ROUTE 62 - PROP	58+29.55	2,004,471.24	994,276.19	P. T.
ILLINOIS ROUTE 62 - PROP	59+99.80	2,004,363.30	994,407.85	CL - CL IL RTE 62/ RAMP B
ILLINOIS ROUTE 62 - PROP	61+27.06	2,004,282.62	994,506.26	CL - CL IL RTE 62/ RAMP A
ILLINOIS ROUTE 62 - PROP	66+05.85	2,003,979.06	994,876.53	P. I. #A2
ILLINOIS ROUTE 62 - PROP	65+45.40	2,004,017.39	994,829.78	P. C.
ILLINOIS ROUTE 62 - PROP	66+64.75	2,003,925.80	994,905.12	P. T.
ILLINOIS ROUTE 62 - PROP	69+70.71	2,003,656.24	995,049.86	P. I. #A3
ILLINOIS ROUTE 62 - PROP	68+16.41	2,003,792.19	994,976.86	P. C.
ILLINOIS ROUTE 62 - PROP	71+00.77	2,003,638.57	995,203.14	P. T.
ILLINOIS ROUTE 62 - PROP	72+00.00	2,003,627.21	995,301.72	POT

ALIGNMENT	STATION	EASTING	NORTHING	DESCRIPTION
RAMP A	0+00.00	994,506.26	2,004,282.62	POT
RAMP A	6+61.31	994,576.83	2,004,940.15	P. C.
RAMP A	8+41.44	994,596.05	2,005,119.26	P. I. #RA1
RAMP A	10+20.27	994,651.84	2,005,290.53	P. T.
RAMP B	0+00.00	994,313.74	2,002,899.53	POT
RAMP B	4+30.09	994,139.16	2,003,292.59	P. C.
RAMP B	6+71.79	994,041.05	2,003,513.48	P. I. #RB1
RAMP B	8+85.74	994,136.83	2,003,735.40	P. T.
RAMP B	10+62.62	994,206.91	2,003,897.77	CL - CL RAMP B/MCCD PRAIRIE PATH
RAMP B	15+69.63	994,407.85	2,004,363.30	CL - CL RAMP B/IL RTE 62
RAMP C	0+00.00	994,113.38	2,004,574.18	CL - CL RAMP C/IL RTE 62
RAMP C	5+77.53	994,023.23	2,004,003.73	CL - CL RAMP C/MCCD PRAIRIE PATH
RAMP C	7+90.30	993,990.02	2,003,793.57	P. C.
RAMP C	9+59.17	993,963.66	2,003,626.77	P. I. #RC1
RAMP C	11+25.55	993,987.26	2,003,459.56	P. C. C.
RAMP C	12+63.80	994,006.59	2,003,322.67	P. I. #RC2
RAMP C	13+99.04	994,072.99	2,003,201.41	P. T.
RAMP C	15+39.10	994,140.26	2,003,078.57	POT
RAMP D	7+44.51	994,541.77	2,005,523.90	P. I.
RAMP D	17+87.72	994,135.00	2,004,563.27	CL - CL RAMP D/IL RTE 62

EXISTING ALGONQUIN ROAD				
	CURVE #AE1	CURVE #AE2	CURVE #AE3	CURVE #AE4
P. I. STA. 61+16.24	STA. 64+38.70	STA. 67+52.41	STA. 70+93.31	
Δ 37° 00' 27"	17° 06' 42"	26° 47' 54"	59° 51' 27"	
D 14° 17' 11"	14° 39' 20"	18° 00' 24"	19° 24' 33"	
R 387.49'	390.95'	318.19'	295.20'	
T 129.68'	58.82'	75.80'	169.94'	
L 250.28'	116.76'	148.82'	308.40'	
E 21.12'	4.40'	8.90'	45.42'	
e				
P. C. STA. 59+86.56	STA. 63+79.88	STA. 66+76.61	STA. 69+23.36	
P. T. STA. 62+36.84	STA. 64+96.64	STA. 68+25.44	STA. 72+31.76	

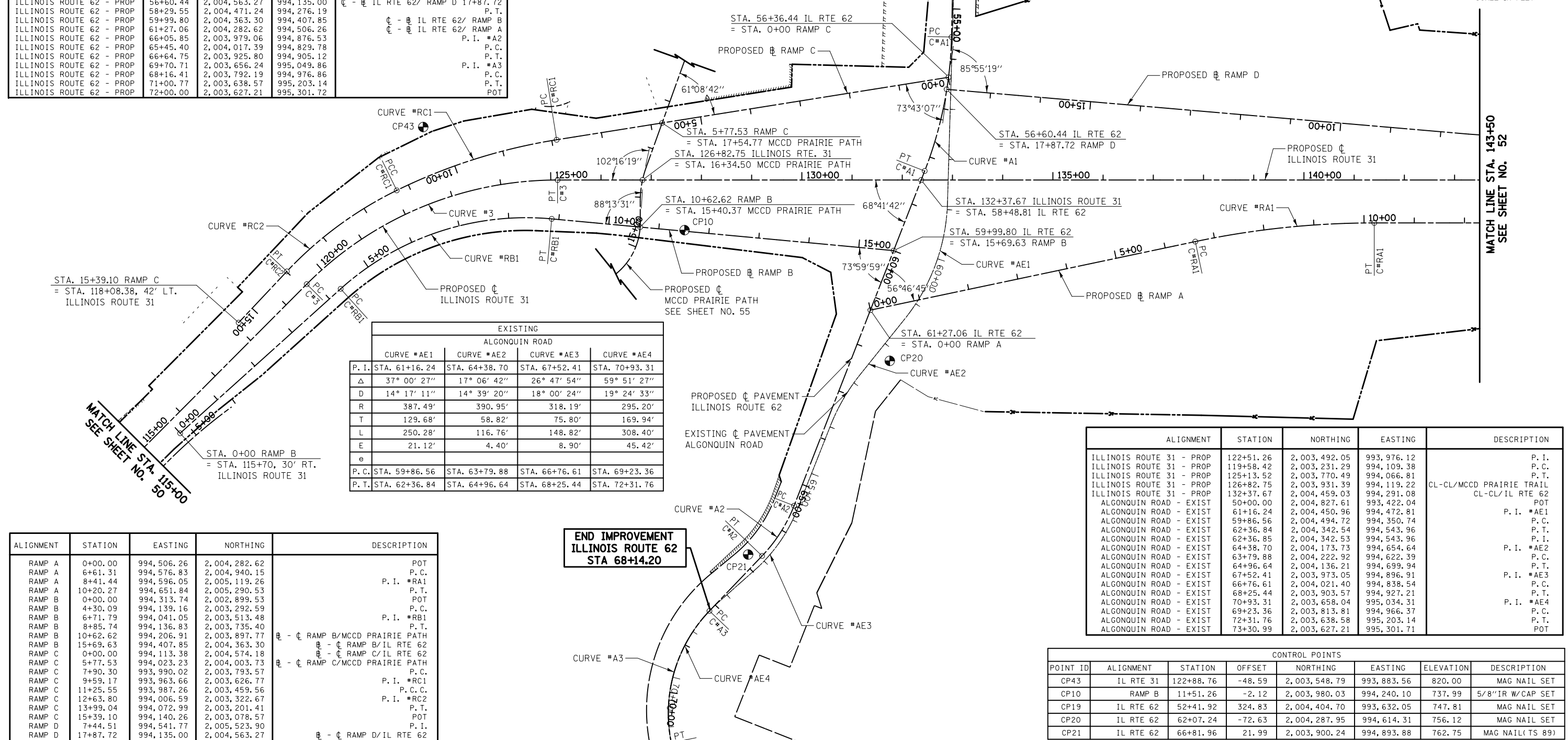
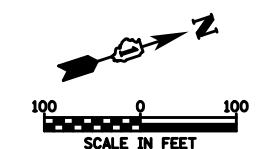
**LEGEND**

- EXISTING ALIGNMENT \_\_\_\_\_
- PROPOSED ALIGNMENT \_\_\_\_\_
- EXISTING ROW \_\_\_\_\_
- PROPOSED ROW \_\_\_\_\_
- PROPOSED PERMANENT EASEMENT \_\_\_\_\_
- PROPOSED TEMPORARY EASEMENT \_\_\_\_\_
- PROPERTY LINE \_\_\_\_\_
- CONTROL POINT \_\_\_\_\_

**NOTES**

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REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.



ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 31 - PROP	122+51.26	2,003,492.05	993,976.12	P. I.
ILLINOIS ROUTE 31 - PROP	119+58.42	2,003,231.29	994,109.38	P. C.
ILLINOIS ROUTE 31 - PROP	125+13.52	2,003,770.49	994,066.81	P. T.
ILLINOIS ROUTE 31 - PROP	126+82.75	2,003,931.39	994,119.22	CL-CL/MCCD PRAIRIE TRAIL
ILLINOIS ROUTE 31 - PROP	132+37.67	2,004,459.03	994,291.08	CL-CL/IL RTE 62
ALGONQUIN ROAD - EXIST	50+00.00	2,004,827.61	993,422.04	POT
ALGONQUIN ROAD - EXIST	61+16.24	2,004,450.96	994,472.81	P. I. #AE1
ALGONQUIN ROAD - EXIST	59+86.56	2,004,494.72	994,350.74	P. C.
ALGONQUIN ROAD - EXIST	62+36.84	2,004,342.54	994,543.96	P. T.
ALGONQUIN ROAD - EXIST	62+36.85	2,004,342.53	994,543.96	P. I.
ALGONQUIN ROAD - EXIST	64+38.70	2,004,173.73	994,654.64	P. I. #AE2
ALGONQUIN ROAD - EXIST	63+79.88	2,004,222.92	994,622.39	P. C.
ALGONQUIN ROAD - EXIST	64+96.64	2,004,136.21	994,699.94	P. T.
ALGONQUIN ROAD - EXIST	67+52.41	2,003,973.05	994,896.91	P. I. #AE3
ALGONQUIN ROAD - EXIST	66+76.61	2,004,021.40	994,838.54	P. C.
ALGONQUIN ROAD - EXIST	68+25.44	2,003,903.57	994,927.21	P. T.
ALGONQUIN ROAD - EXIST	70+93.31	2,003,658.04	995,034.31	P. I. #AE4
ALGONQUIN ROAD - EXIST	69+23.36	2,003,813.81	994,966.37	P. C.
ALGONQUIN ROAD - EXIST	72+31.76	2,003,638.58	995,203.14	P. T.
ALGONQUIN ROAD - EXIST	73+30.99	2,003,627.21	995,301.71	POT

CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP43	IL RTE 31	122+88.76	-48.59	2,003,548.79	993,883.56	820.00	MAG NAIL SET
CP10	RAMP B	11+51.26	-2.12	2,003,980.03	994,240.10	737.99	5/8"IR W/CAP SET
CP19	IL RTE 62	52+41.92	324.83	2,004,404.70	993,632.05	747.81	MAG NAIL SET
CP20	IL RTE 62	62+07.24	-72.63	2,004,287.95	994,614.31	756.12	MAG NAIL SET
CP21	IL RTE 62	66+81.96	21.99	2,003,900.24	994,893.88	762.75	MAG NAIL(TS 89)

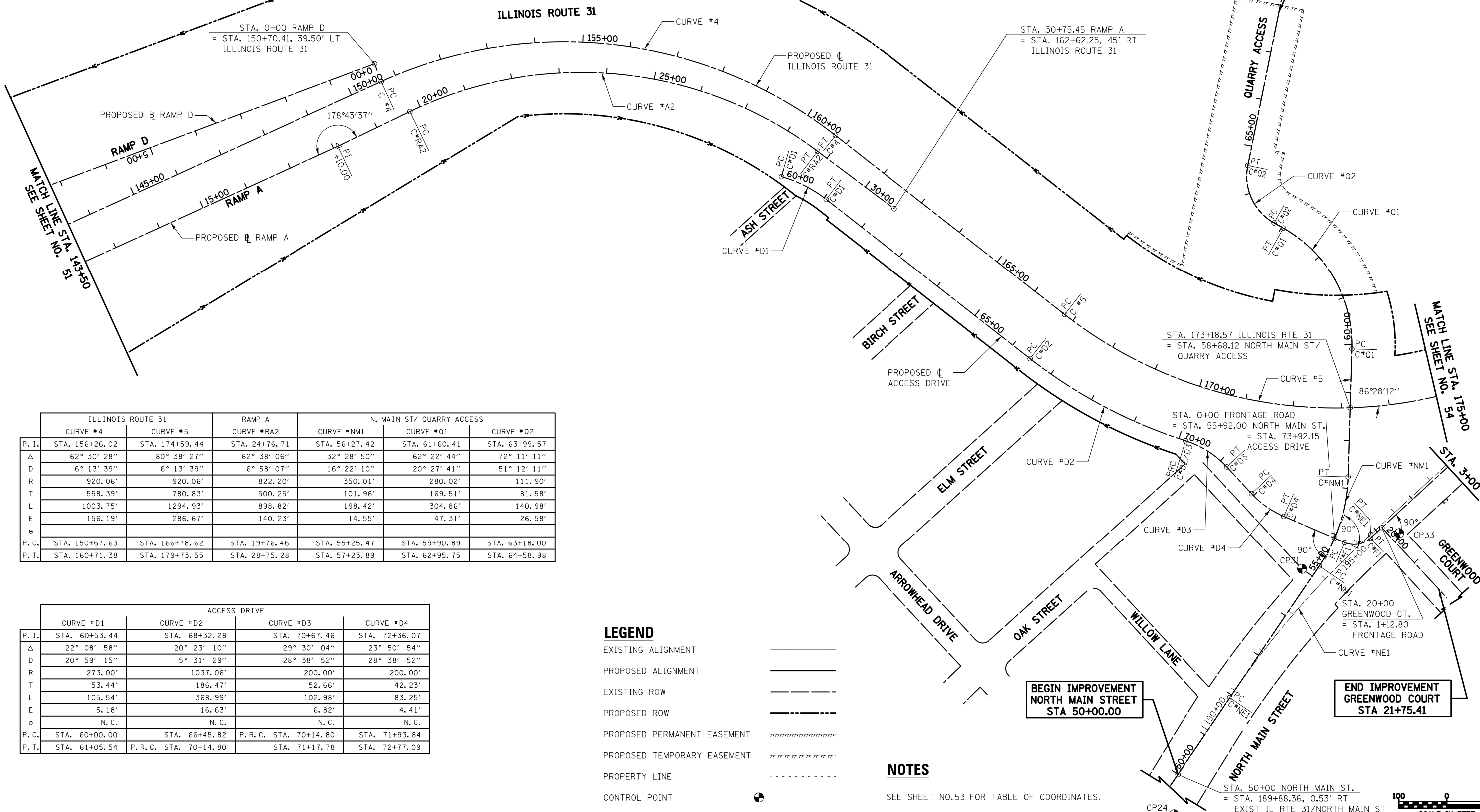
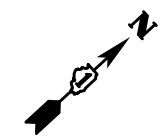


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REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.

CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP24	N MAIN ST	49+26.82	40.18	2,006,384.68	997,103.67	867.74	5/8" IR W/CAP SET
CP31	N MAIN ST	55+00.61	-26.24	2,006,927.83	996,907.09	876.56	X-CUT IN CURB SET
CP33	FRONTAGE RD	1+31.59	32.73	2,007,127.24	996,988.68	877.45	MAG NAIL SET



P. I.	ILLINOIS ROUTE 31		RAMP A		N. MAIN ST/ QUARRY ACCESS		
	CURVE #4	CURVE #5	CURVE #RA2	CURVE #NM1	CURVE #Q1	CURVE #Q2	
Δ	62° 30' 28"	80° 38' 27"	62° 38' 06"	32° 28' 50"	62° 22' 44"	72° 11' 11"	
D	6° 13' 39"	6° 13' 39"	6° 58' 07"	16° 22' 10"	20° 27' 41"	51° 12' 11"	
R	920.06'	920.06'	822.20'	350.01'	280.02'	111.90'	
T	558.39'	780.83'	500.25'	101.96'	169.51'	81.58'	
L	1003.75'	1294.93'	898.82'	198.42'	304.86'	140.98'	
E	156.19'	286.67'	140.23'	14.55'	47.31'	26.58'	
e							
P. C.	STA. 150+67.63	STA. 166+78.62	STA. 19+76.46	STA. 55+25.47	STA. 59+90.89	STA. 63+18.00	
P. T.	STA. 160+71.38	STA. 179+73.55	STA. 28+75.28	STA. 57+23.89	STA. 62+95.75	STA. 64+58.98	

P. I.	ACCESS DRIVE			
	CURVE #D1	CURVE #D2	CURVE #D3	CURVE #D4
Δ	22° 08' 58"	20° 23' 10"	29° 30' 04"	23° 50' 54"
D	20° 59' 15"	5° 31' 29"	28° 38' 52"	28° 38' 52"
R	273.00'	1037.06'	200.00'	200.00'
T	53.44'	186.47'	52.66'	42.23'
L	105.54'	368.99'	102.98'	83.25'
E	5.18'	16.63'	6.82'	4.41'
e	N. C.	N. C.	N. C.	N. C.
P. C.	STA. 60+00.00	STA. 66+45.82	P. R. C. STA. 70+14.80	STA. 71+93.84
P. T.	STA. 61+05.54	P. R. C. STA. 70+14.80	STA. 71+17.78	STA. 72+77.09

**LEGEND**

- EXISTING ALIGNMENT
- PROPOSED ALIGNMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT
- PROPERTY LINE
- CONTROL POINT

**NOTES**

SEE SHEET NO.53 FOR TABLE OF COORDINATES.

FILE NAME =	USER NAME = ctb	DESIGNED - PML	REVISED -
...\\D160F72-sht-ATB-03.dgn		DRAWN - AKW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - PML	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES & BENCHMARKS**

SCALE: 1" = 100' SHEET NO. 3 OF 7 SHEETS STA. 143+50.00 TO STA. 175+00.00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	52
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 31 - PROP	150+67.63	2,006,199.01	994,857.83	P.C.
ILLINOIS ROUTE 31 - PROP	156+26.02	2,006,729.95	995,030.77	P.I. #4
ILLINOIS ROUTE 31 - PROP	160+71.38	2,006,821.64	995,581.58	P.T.
ILLINOIS ROUTE 31 - PROP	166+78.62	2,006,921.34	996,180.57	P.C.
ILLINOIS ROUTE 31 - PROP	168+50.00	2,006,965.02	996,346.04	☪ - ☪ IL RTE 31/MEYER MATERIAL ACCESS
ILLINOIS ROUTE 31 - PROP	173+18.57	2,007,228.96	996,727.09	☪ - ☪ IL RTE 31/NORTH MAIN ST/ QUARRY ACCESS
ILLINOIS ROUTE 31 - PROP	174+59.44	2,007,049.56	996,950.80	P.I. #5
RAMP A	18+10.00	2,006,041.43	994,896.42	P.I.
RAMP A	19+76.46	2,006,200.81	994,944.45	P.C.
RAMP A	24+76.71	2,006,679.79	995,088.77	P.I. #RA2
RAMP A	28+75.28	2,006,771.78	995,580.49	P.T.
RAMP A	30+75.45	2,006,808.59	995,777.25	P.O.T.
RAMP D	0+00.00	2,006,214.00	994,821.17	P.O.T.
NORTH MAIN STREET	48+50.00	2,006,300.68	997,082.23	P.O.T.
NORTH MAIN STREET	55+25.47	2,006,958.05	996,926.92	P.C.
NORTH MAIN STREET	55+92.00	2,007,020.96	996,905.58	☪ - ☪ NORTH MAIN ST/FRONTAGE RD
NORTH MAIN STREET	56+27.42	2,007,057.28	996,903.48	P.I. #NM1
NORTH MAIN STREET	57+23.89	2,007,128.39	996,830.42	P.T.
NORTH MAIN STREET	58+68.12	2,007,228.96	996,727.09	☪ - ☪ NORTH MAIN ST/QUARRY ACCESS/IL RTE 31
QUARRY ACCESS	59+90.89	2,007,314.62	996,639.08	P.C.
QUARRY ACCESS	61+60.41	2,007,432.86	996,517.61	P.I.
QUARRY ACCESS	62+95.75	2,007,380.05	996,356.53	P.T.
QUARRY ACCESS	63+18.00	2,007,373.12	996,335.40	P.C.
QUARRY ACCESS	63+99.57	2,007,347.70	996,257.88	P.I.
QUARRY ACCESS	64+58.98	2,007,413.73	996,209.97	P.T.
QUARRY ACCESS	70+00.06	2,007,851.66	995,892.18	P.O.T.
FRONTAGE ROAD	0+00.00	2,007,020.96	996,905.58	☪ - ☪ NORTH MAIN ST/FRONTAGE RD/ACCESS DRIVE
FRONTAGE ROAD	0+22.97	2,007,030.37	996,926.53	P.C.
FRONTAGE ROAD	0+55.41	2,007,043.66	996,956.12	P.I.
FRONTAGE ROAD	0+80.52	2,007,076.09	996,956.05	P.T.
ILLINOIS ROUTE 31 - EXIST	178+42.81	2,005,447.61	996,927.46	P.O.T.
ILLINOIS ROUTE 31 - EXIST	178+92.81	2,005,489.51	996,954.74	P.C.
ILLINOIS ROUTE 31 - EXIST	183+20.47	2,005,847.95	997,188.03	P.I.
ILLINOIS ROUTE 31 - EXIST	187+01.09	2,006,264.25	997,090.10	P.T.
ILLINOIS ROUTE 31 - EXIST	190+81.53	2,006,634.58	997,002.99	P.C.
ILLINOIS ROUTE 31 - EXIST	193+08.11	2,006,855.14	996,951.11	P.I.
ILLINOIS ROUTE 31 - EXIST	195+32.70	2,007,081.72	996,950.75	P.T.
GREENWOOD COURT	20+00.00	2,007,108.38	996,955.98	☪ - ☪ GREENWOOD/FRONTAGE RD
GREENWOOD COURT	22+00.00	2,007,108.82	997,155.98	P.O.T.
ACCESS DRIVE	60+00.00	2,006,680.44	995,568.61	P.C.
ACCESS DRIVE	60+53.44	2,006,708.44	995,614.12	P.I. #D1
ACCESS DRIVE	61+05.54	2,006,717.22	995,666.83	P.T.
ACCESS DRIVE	66+45.82	2,006,805.93	996,199.78	P.C.
ACCESS DRIVE	68+32.28	2,006,836.55	996,383.72	P.I. #D2
ACCESS DRIVE	70+14.80	2,006,929.32	996,545.46	P.R.C.
ACCESS DRIVE	70+67.46	2,006,955.52	996,591.14	P.I. #D3
ACCESS DRIVE	71+17.78	2,006,955.83	996,643.80	P.T.
ACCESS DRIVE	71+93.84	2,006,956.28	996,719.85	P.C.
ACCESS DRIVE	72+36.07	2,006,956.52	996,762.09	P.I. #D4
ACCESS DRIVE	72+77.09	2,006,973.83	996,800.62	P.T.
ACCESS DRIVE	73+92.15	2,007,020.96	996,905.58	P.O.T.

FILE NAME = ... \D160F72-shr-ATB-03a.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES &amp; BENCHMARKS</b>			O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - AKW	REVISED -					0003	18A-2	MCHENRY	825	53
		CHECKED - PML	REVISED -		SCALE:      SHEET NO. 4 OF 7 SHEETS      STA.      TO STA.			CONTRACT NO. 60F72				
		DATE - 5/3/2012	REVISED -		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT							

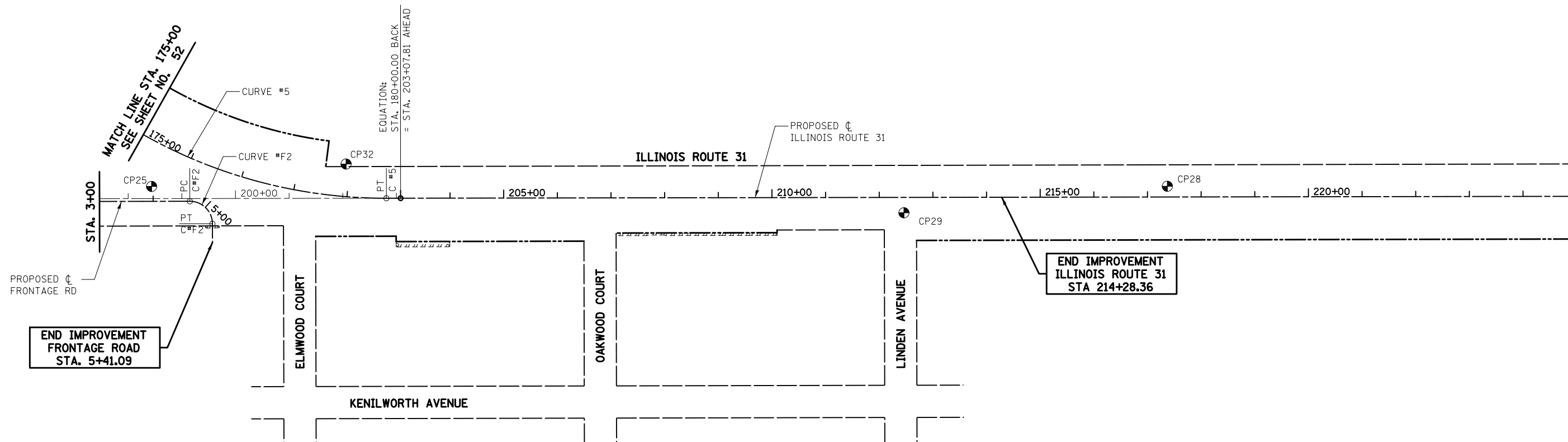
**LEGEND**

EXISTING ALIGNMENT	—————
PROPOSED ALIGNMENT	—————
EXISTING ROW	-----
PROPOSED ROW	-----
PROPOSED PERMANENT EASEMENT	//////////
PROPOSED TEMPORARY EASEMENT	//////////
PROPERTY LINE	-----
CONTROL POINT	⊕

**NOTES**

COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.



END IMPROVEMENT FRONTAGE ROAD STA. 5+41.09

END IMPROVEMENT ILLINOIS ROUTE 31 STA 214+28.36

	ILLINOIS ROUTE 31 CURVE #5	FRONTAGE ROAD CURVE #F2
P. I.	STA. 174+59.44	STA. 5+10.40
Δ	80° 38' 27"	90° 00' 00"
D	6° 13' 39"	136° 25' 07"
R	920.06'	42.00'
T	780.83'	42.00'
L	1294.93'	65.97'
E	286.67'	17.40'
e		
P. C.	STA. 166+78.62	STA. 4+68.40
P. T.	STA. 179+73.55	STA. 5+34.37

CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP25	IL RTE 31	175+56.04	78.34	2,007,392.68	996,927.55	879.07	MAG NAIL SET
CP32	IL RTE 31	178+93.08	-60.62	2,007,755.21	996,885.76	800.00	5/8" IR W/CAP SET
CP29	IL RTE 31	212+46.00	28.65	2,008,795.07	996,976.66	888.29	MAG NAIL SET
CP28	IL RTE 31	217+32.06	-19.98	2,009,286.05	996,927.24	888.03	MAG NAIL SET

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 31 - PROP	179+73.55	2,007,830.38	996,949.55	P. T.
ILLINOIS ROUTE 31 - PROP	180+00.00	2,007,856.84	996,949.51	Sta EQ (BK) = Sta 203+07.81 (AH)
ILLINOIS ROUTE 31 - PROP	248+97.36	2,012,446.38	996,942.17	POT
FRONTAGE ROAD	4+68.40	2,007,463.98	996,955.20	P. C.
FRONTAGE ROAD	5+10.40	2,007,505.98	996,955.11	P. I. C#F2
FRONTAGE ROAD	5+34.37	2,007,506.07	996,997.11	P. T.
FRONTAGE ROAD	5+69.26	2,007,506.14	997,032.00	POT
ILLINOIS ROUTE 31 - EXIST	203+07.81	2,007,856.84	996,949.51	POT



FILE NAME = ... \D160F72-sh1-ATB-04.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -
		DRAWN - AKW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - PML	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS

SCALE: 1" = 100' SHEET NO. 5 OF 7 SHEETS STA. 175+00.00 TO STA. 214+28.36

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	54
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MCHENRY COUNTY CONSERVATION DISTRICT PRAIRIE PATH								
	CURVE #P1	CURVE #P2	CURVE #P3	CURVE #P4	CURVE #P5	CURVE #P6	CURVE #P7	CURVE #P8
P. I.	STA. 5+65.42	STA. 8+32.29	STA. 10+41.84	STA. 12+43.38	STA. 14+86.07	STA. 16+26.39	STA. 26+41.24	STA. 25+32.94
Δ	18° 10' 20.00"	5° 11' 56.00"	26° 59' 08.00"	27° 43' 07.00"	111° 07' 21.00"	19° 53' 40.97"	193° 36' 21.40"	214° 27' 06.85"
D	5° 12' 31.35"	8° 11' 06.40"	11° 27' 32.96"	57° 17' 44.81"	44° 04' 25.24"	28° 38' 52.40"	63° 39' 43.12"	63° 39' 43.12"
R	1100.00'	700.00'	500.00'	100.00'	130.00'	200.00'	90.00'	90.00'
T	175.92'	31.78'	119.97'	24.67'	189.59'	35.08'	754.43'	290.28'
L	348.88'	63.52'	235.49'	48.38'	252.13'	69.45'	304.12'	336.86'
E	13.98'	0.72'	14.19'	3.00'	99.87'	3.05'	849.78'	393.91'
e	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	-2.00%	2.00%
P. C.	STA. 3+89.50	STA. 8+00.51	STA. 9+21.86	STA. 12+18.70	STA. 12+96.48	STA. 15+91.31	STA. 18+86.81	STA. 22+42.66
P. T.	STA. 7+38.38	STA. 8+64.03	STA. 11+57.36	STA. 12+67.08	STA. 15+48.61	STA. 16+60.76	STA. 21+90.93	STA. 25+79.52

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
MCCD PRAIRIE PATH	0+53.85	2,002,534.76	994,535.89	POT
MCCD PRAIRIE PATH	3+89.50	2,002,829.42	994,375.14	P. C.
MCCD PRAIRIE PATH	5+65.42	2,002,983.85	994,290.89	P. I. #P1
MCCD PRAIRIE PATH	7+38.38	2,003,156.85	994,259.01	P. T.
MCCD PRAIRIE PATH	8+00.51	2,003,217.96	994,247.75	P. C.
MCCD PRAIRIE PATH	8+32.29	2,003,249.21	994,241.99	P. I. #P2
MCCD PRAIRIE PATH	8+64.03	2,003,279.81	994,233.42	P. T.
MCCD PRAIRIE PATH	9+21.86	2,003,335.51	994,217.83	P. C.
MCCD PRAIRIE PATH	10+41.84	2,003,451.04	994,185.48	P. I. #P3
MCCD PRAIRIE PATH	11+57.36	2,003,568.67	994,209.08	P. T.
MCCD PRAIRIE PATH	12+18.70	2,003,628.82	994,221.15	P. C.
MCCD PRAIRIE PATH	12+43.38	2,003,653.01	994,226.00	P. I. #P4
MCCD PRAIRIE PATH	12+67.08	2,003,672.16	994,241.55	P. T.
MCCD PRAIRIE PATH	12+96.48	2,003,694.99	994,260.07	P. C.
MCCD PRAIRIE PATH	14+86.07	2,003,842.20	994,379.55	P. I. #P5
MCCD PRAIRIE PATH	15+48.61	2,003,900.59	994,199.18	P. T.
MCCD PRAIRIE PATH	15+91.31	2,003,913.75	994,158.55	P. C.
MCCD PRAIRIE PATH	16+26.39	2,003,924.55	994,125.18	P. I. #P6
MCCD PRAIRIE PATH	16+60.76	2,003,946.07	994,097.48	P. T.
MCCD PRAIRIE PATH	18+86.81	2,004,084.72	993,918.95	P. C.
MCCD PRAIRIE PATH	-	2,004,013.64	993,863.75	C. C. #P7
MCCD PRAIRIE PATH	21+90.93	2,003,931.57	993,826.81	P. T.
MCCD PRAIRIE PATH	22+42.66	2,003,910.34	993,873.99	P. C.
MCCD PRAIRIE PATH	-	2,003,828.27	993,837.05	C. C. #P8
MCCD PRAIRIE PATH	25+79.52	2,003,781.49	993,760.17	P. T.
MCCD PRAIRIE PATH	26+13.88	2,003,810.84	993,742.30	POT

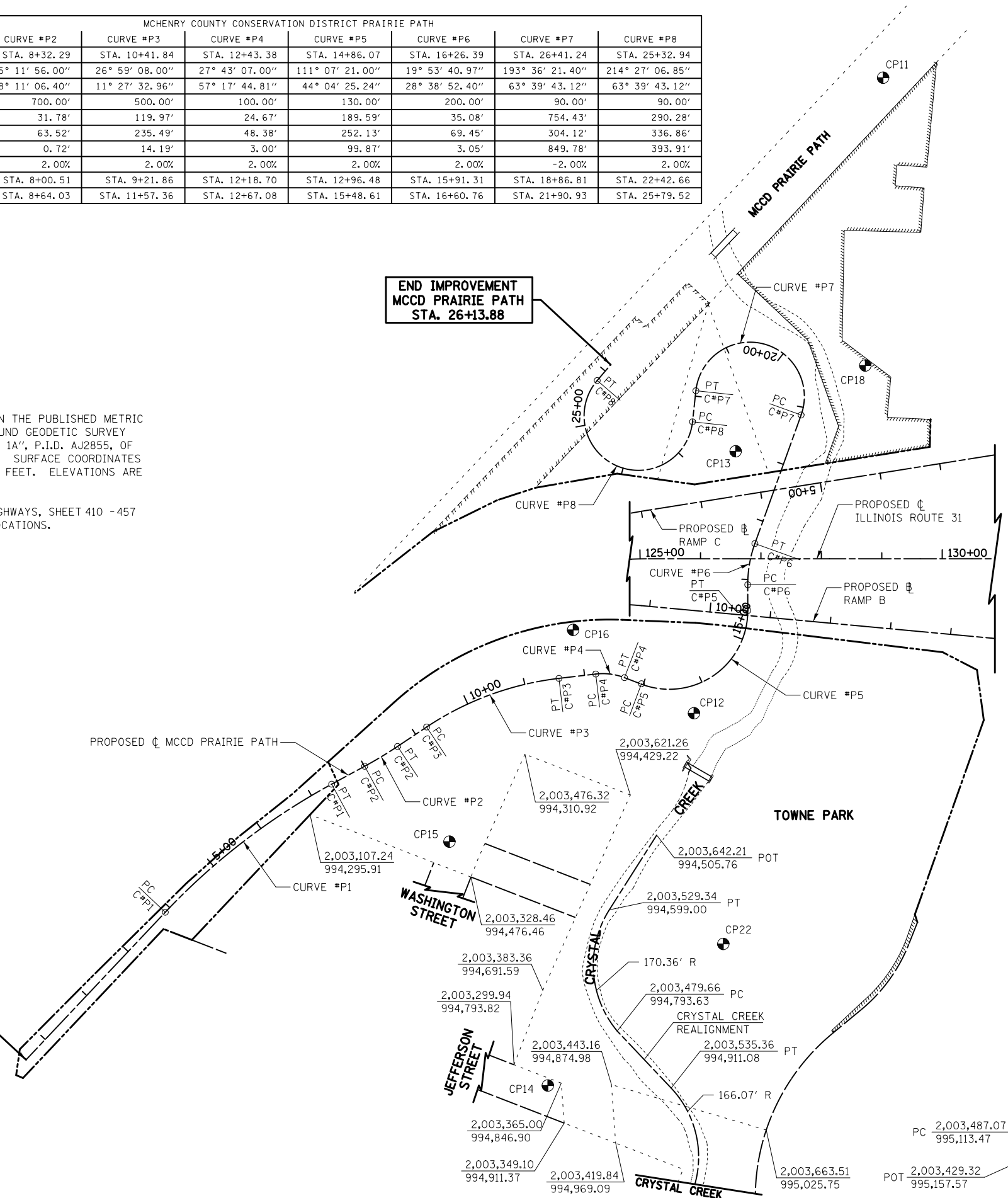
**NOTES**

COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.

**END IMPROVEMENT  
MCCD PRAIRIE PATH  
STA. 26+13.88**

**BEGIN IMPROVEMENT  
MCCD PRAIRIE PATH  
STA. 0+53.85**

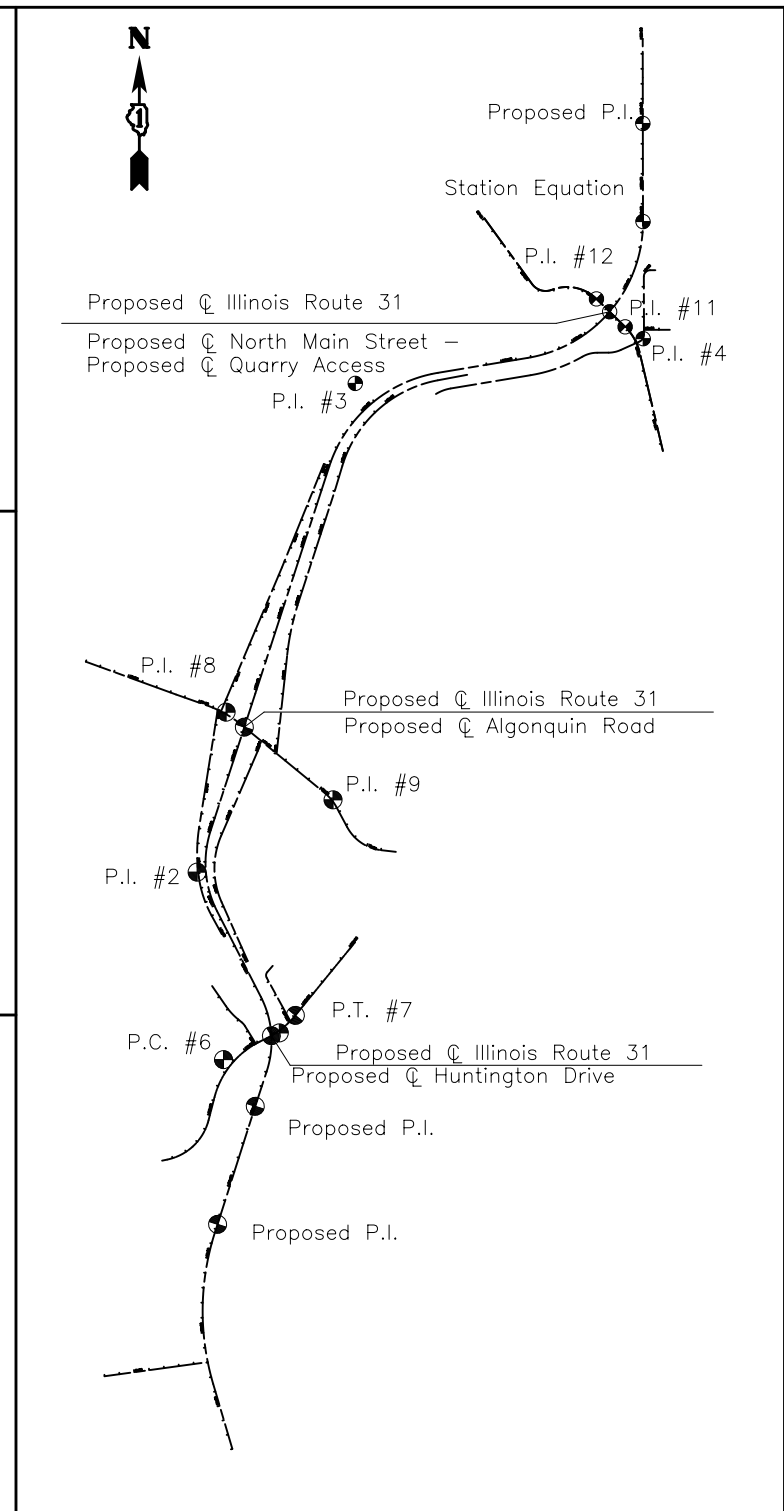
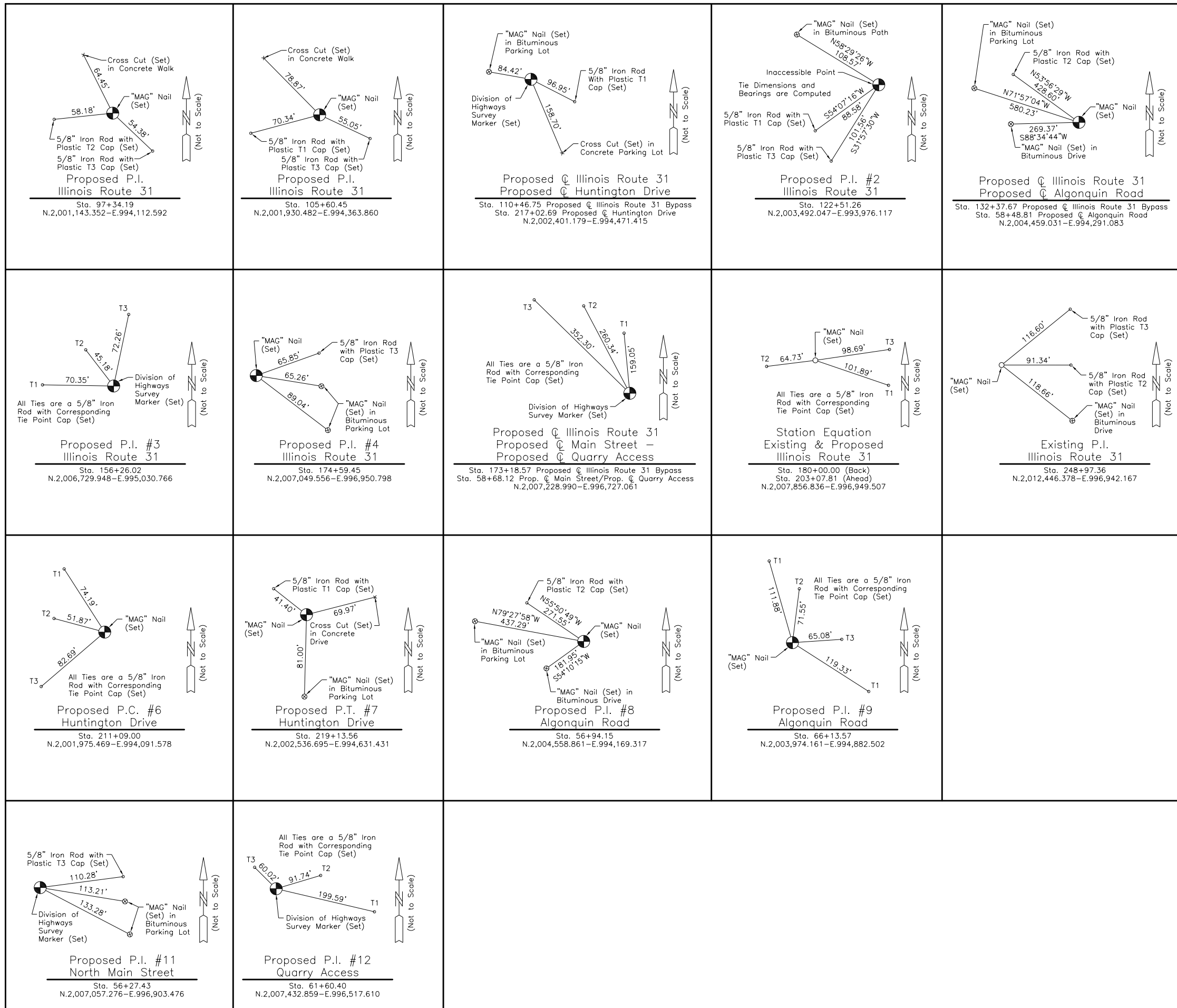


CONTROL POINTS						
POINT ID	NORTHING	STATION	OFFSET	EASTING	ELEVATION	DESCRIPTION
CP11	2,004,386.51	20+23.66	481.66	993,430.42	764.16	MAG NAIL SET
CP18	2,004,211.03	19+41.59	107.65	993,873.96	746.19	5/8" IR W/CAP SET
CP13	2,003,963.09	22+64.30	-81.11	993,942.42	741.89	5/8" IR W/CAP SET
CP16	2,003,615.83	11+90.03	-76.91	994,140.09	747.49	MAG NAIL SET
CP12	2,003,763.31	13+74.97	44.52	994,333.13	741.66	MAG NAIL SET
CP15	2,003,312.72	8+51.39	178.85	994,409.79	741.85	MAG NAIL SET
CP22	2,003,691.27	13+65.10	428.51	994,711.04	735.69	5/8" IR W/CAP SET
CP14	2,003,342.60	8+08.29	608.86	994,843.81	736.18	X-CUT IN WALK SET

**LEGEND**

- EXISTING ALIGNMENT
- PROPOSED ALIGNMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT
- PROPERTY LINE
- CONTROL POINT





FILE NAME = ... \D160F72-shc-ATB-06.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -
		DRAWN - AKW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - PML	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS			
SCALE: 1" = 100'	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	56
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

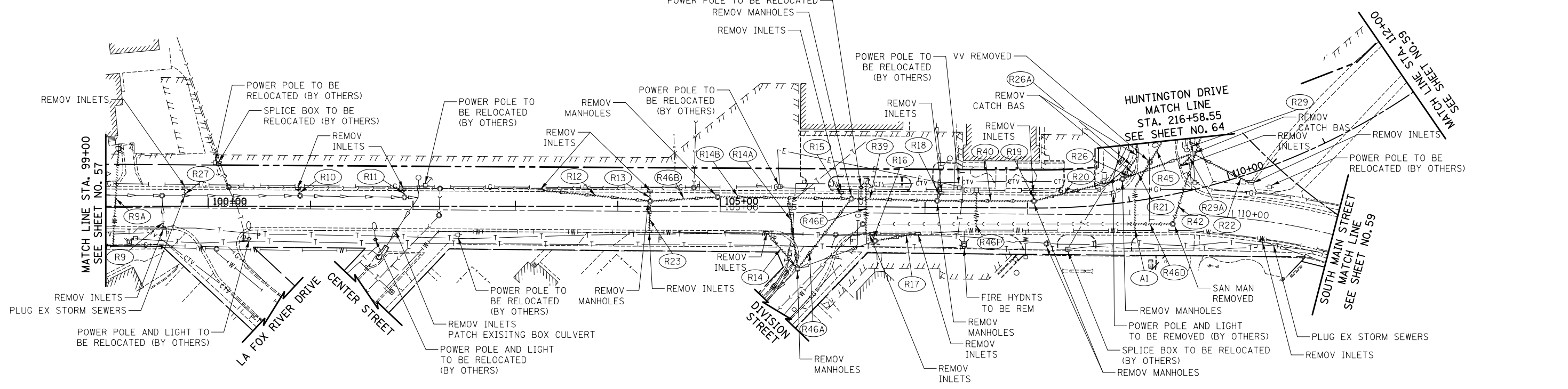
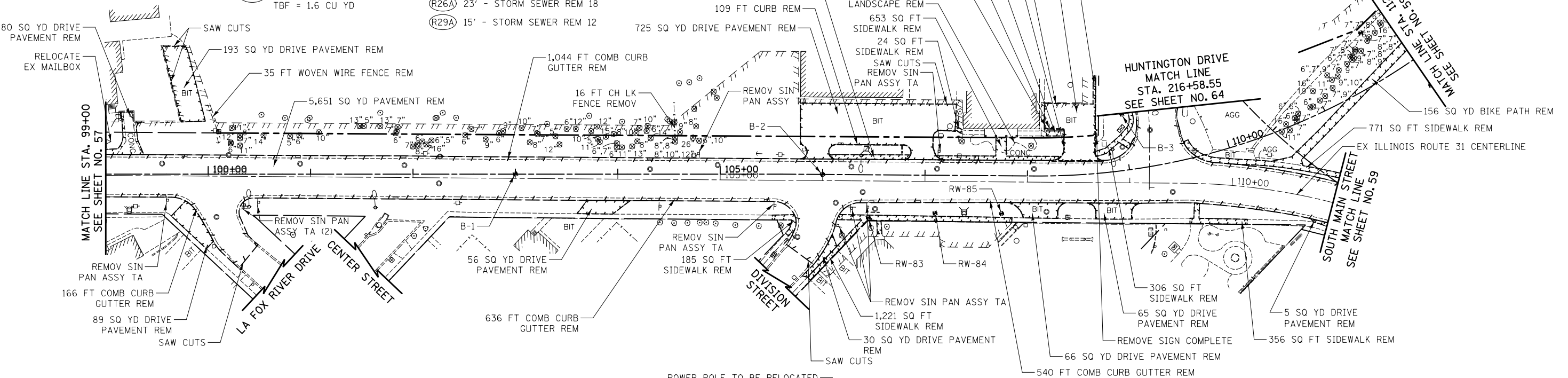
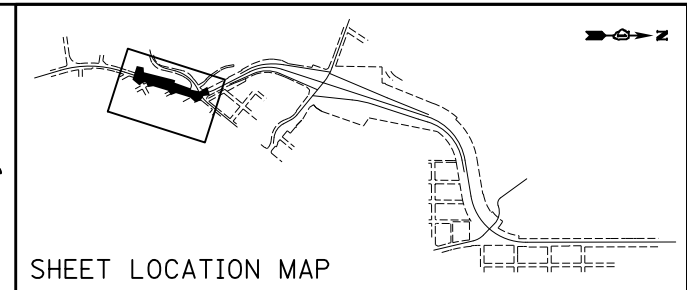




### REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2 3/4"
- REMOVAL LIMITS
- STRUCTURE TO BE ADJUSTED
- PIPE TO BE REMOVED
- TREE REMOVAL
- SOIL BORING/PAVEMENT CORE

- |  |  |  |   |   |
|--|--|--|---|---|
| (R9) 5' - STORM SEWER REM 12<br>TBF = 0.0 CU YD      | (R16) 5' - STORM SEWER REM 12<br>TBF = 3.7 CU YD   | (R26) 9' - STORM SEWER REM 12<br>TBF = 0.0 CU YD   | (R46B) 62' - STORM SEWER REM 18<br>TBF = 0.0 CU YD    | (R46F) 37' - WATER SERVICE REMOVAL<br>TBF = 0.0 CU YD |
| (R10) 5' - STORM SEWER REM 12<br>TBF = 0.0 CU YD     | (R17) 40' - STORM SEWER REM 12<br>TBF = 15.1 CU YD | (R27) 7' - STORM SEWER REM 12<br>TBF = 4.3 CU YD   | (R46D) 42' - SAN SEW REMOV 8<br>TBF = 56.4 CU YD      | (R14B) 126' - STORM SEWER REM 27<br>TBF = 0.0 CU YD   |
| (R11) 5' - STORM SEWER REM 12<br>TBF = 3.9 CU YD     | (R18) 6' - STORM SEWER REM 12<br>TBF = 24.6 CU YD  | (R29) 12' - STORM SEWER REM 30<br>TBF = 0.0 CU YD  | (R46E) 50' - WATER SERVICE REMOVAL<br>TBF = 0.0 CU YD | (A1) PLUG EXISTING WATER MAIN                         |
| (R12) 103' - STORM SEWER REM 12<br>TBF = 0.0 CU YD   | (R19) 5' - STORM SEWER REM 12<br>TBF = 1.5 CU YD   | (R39) 78' - STORM SEWER REM 24<br>TBF = 0.0 CU YD  |   |   |
| (R13) 7' - STORM SEWER REM 12<br>TBF = 3.7 CU YD     | (R20) 84' - STORM SEWER REM 24<br>TBF = 32.5 CU YD | (R40) 91' - STORM SEWER REM 24<br>TBF = 0.0 CU YD  |   |   |
| (R14) 44' - STORM SEWER REM 12<br>TBF = 0.0 CU YD    | (R21) 68' - STORM SEWER REM 36<br>TBF = 45.7 CU YD | (R42) 87' - SAN SEW REMOV 8<br>TBF = 53.3 CU YD    |   |   |
| (R14A) 68' - STORM SEWER REM 12<br>TBF = 22.0 CU YD  | (R22) 60' - STORM SEWER REM 15<br>TBF = 19.1 CU YD | (R45) 93' - WATER MAIN REMOV 4<br>TBF = 53.7 CU YD |   |   |
| (R15) 5' - STORM SEWER REM 12<br>TBF = 1.6 CU YD     | (R23) 26' - STORM SEWER REM 12<br>TBF = 0.0 CU YD  | (R46A) 82' - BOX CULVERT REM<br>TBF = 0.0 CU YD    |   |   |
| (R9A) 94' - WATER SERVICE REMOVAL<br>TBF = 1.6 CU YD | (R26A) 23' - STORM SEWER REM 18<br>TBF = 0.0 CU YD |  |   |   |
|  | (R29A) 15' - STORM SEWER REM 12<br>TBF = 0.0 CU YD |  |   |   |



ILLINOIS ROUTE 31



FILE NAME = ... \D160F72-sht-rem-02.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -
	PLOT SCALE = 100.0000' / in.	DRAWN - ARA	REVISED -
	PLOT DATE = 5/2/2012	CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -







**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

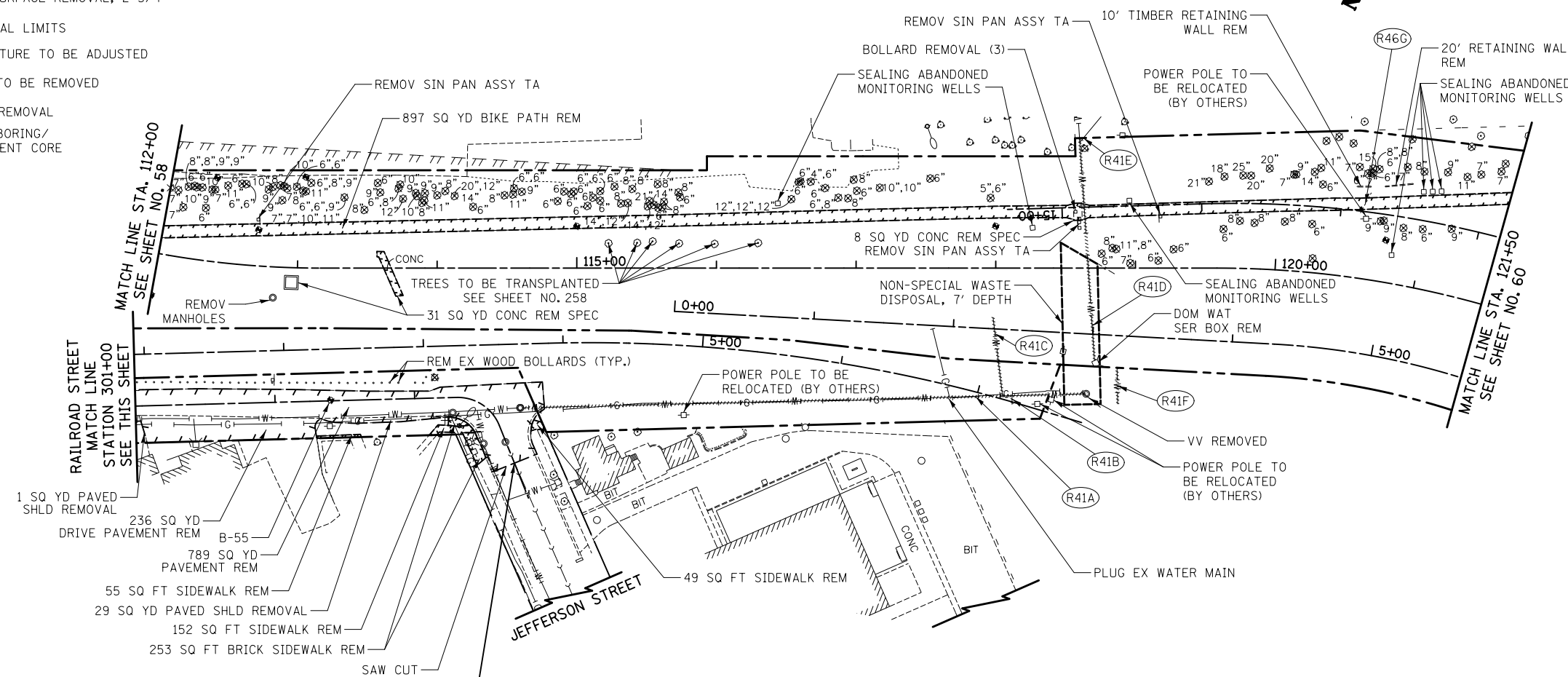
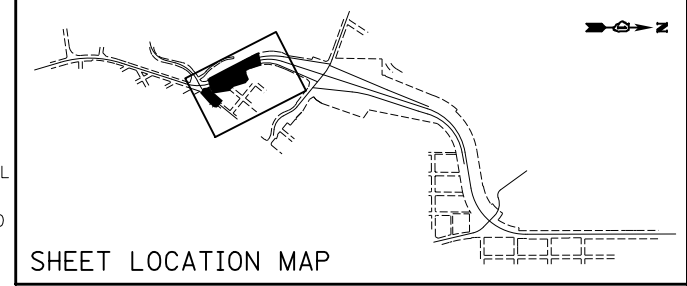
**REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 13 SHEETS STA. 99+00 TO STA. 112+00

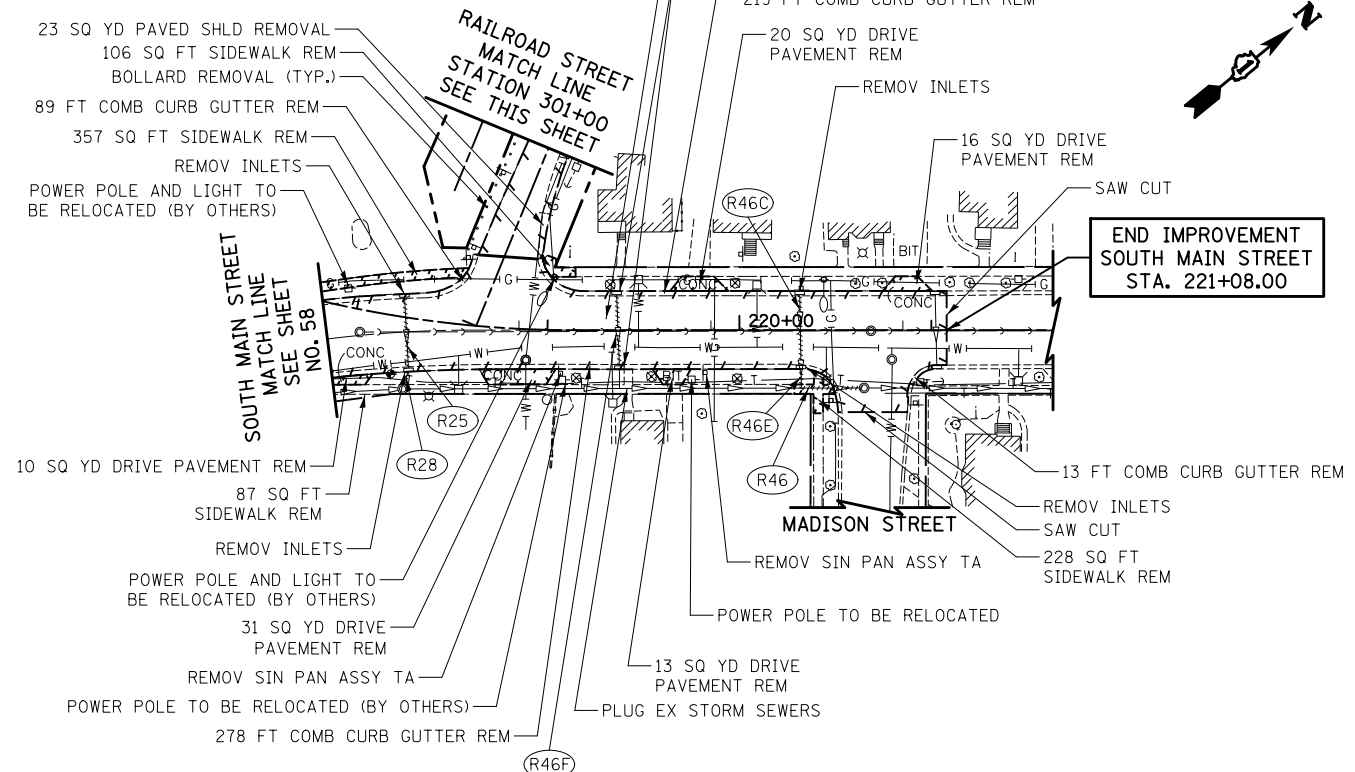
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	58
CONTRACT NO. 60F72			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE



**END IMPROVEMENT  
RAILROAD STREET  
STA. 303+98.02**



**END IMPROVEMENT  
SOUTH MAIN STREET  
STA. 221+08.00**







- (R25) 37' - STORM SEWER REM 12  
TBF = 12.3 CU YD
- (R28) 8' - STORM SEWER REM 12  
TBF = 3.8 CU YD
- (R41A) 96' - WATER MAIN REMOV 8  
TBF = 0.0 CU YD
- (R41B) 6' - WATER MAIN REMOV 8  
TBF = 0.0 CU YD
- (R41C) 56' - WATER MAIN REMOV 4  
TBF = 0.0 CU YD
- (R41D) 160' - WATER SERV REMOVAL  
TBF = 0.0 CU YD
- (R41E) 4' - WATER SERV REMOVAL  
TBF = 0.0 CU YD
- (R46) 30' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R46C) 36' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R46E) 10' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R46F) 36' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R41F) 27' - WATER SERV REMOVAL  
TBF = 0.0 CU YD
- (R46G) 18' - PIPE CUL REM 12  
TBF = 0.0 CU YD

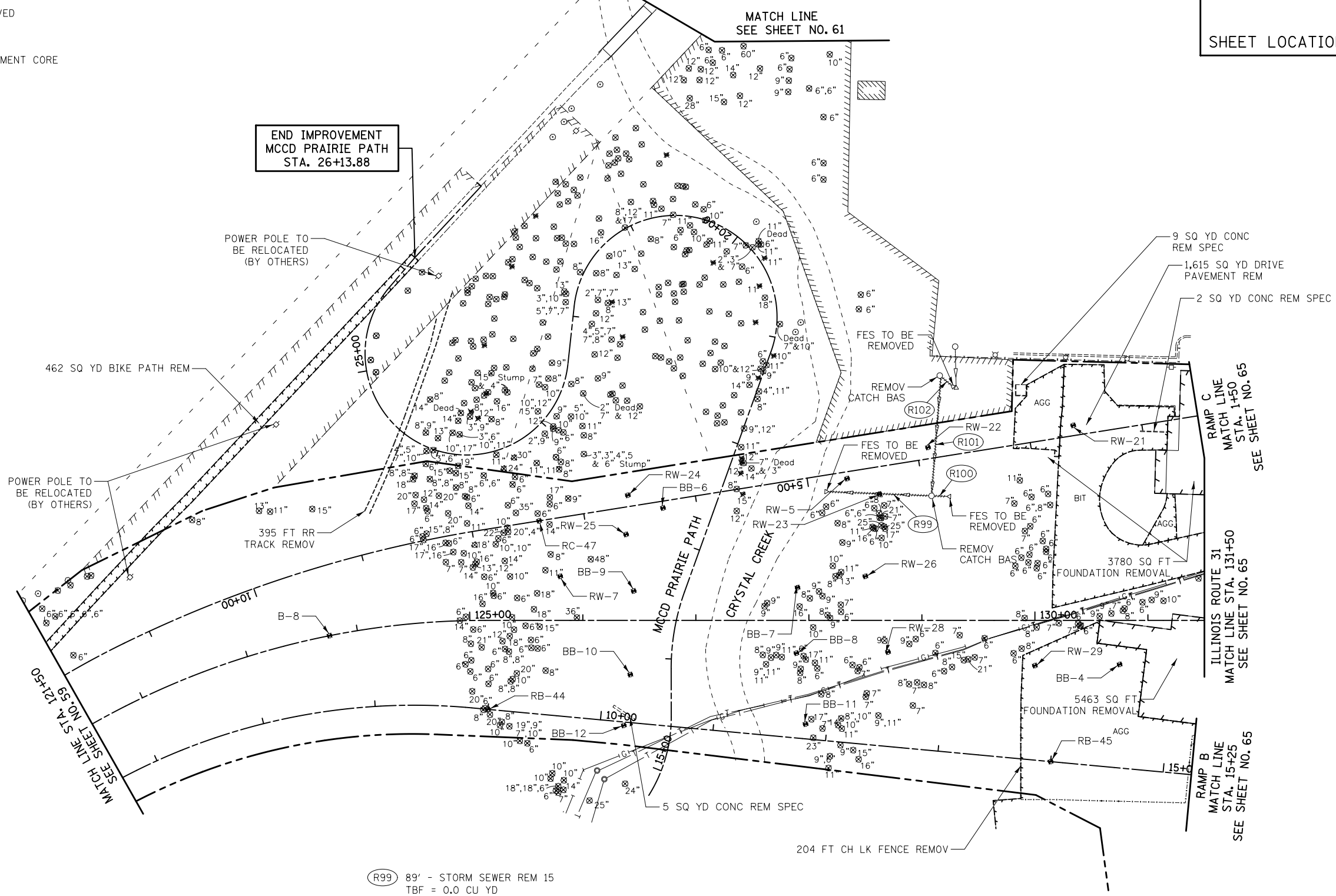
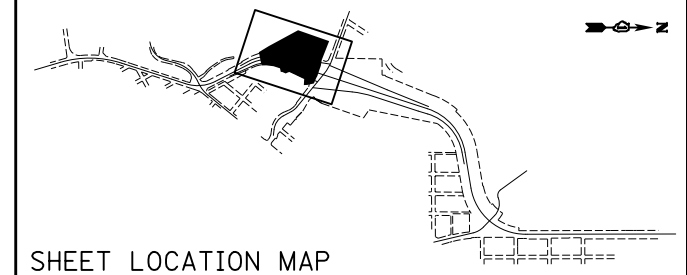
**ILLINOIS ROUTE 31  
SOUTH MAIN STREET  
RAILROAD STREET**



FILE NAME = ... \D160F72-sht-rem-03.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	O.R. RTE. = 0003	SECTION = 18A-2	COUNTY = MCHENRY	TOTAL SHEETS = 825	SHEET NO. = 59		
	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 13 SHEETS	STA. 112+00	TO STA. 121+50	CONTRACT NO. 60F72		
	PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE



- (R99) 89' - STORM SEWER REM 15  
TBF = 0.0 CU YD
- (R100) 12' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R101) 103' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R102) 10' - STORM SEWER REM 12  
TBF = 0.0 CU YD







NOTE  
THE REMOVAL OF END SECTIONS SHALL BE PAID FOR AS "STORM SEWER REMOVAL".

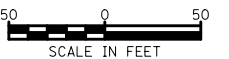
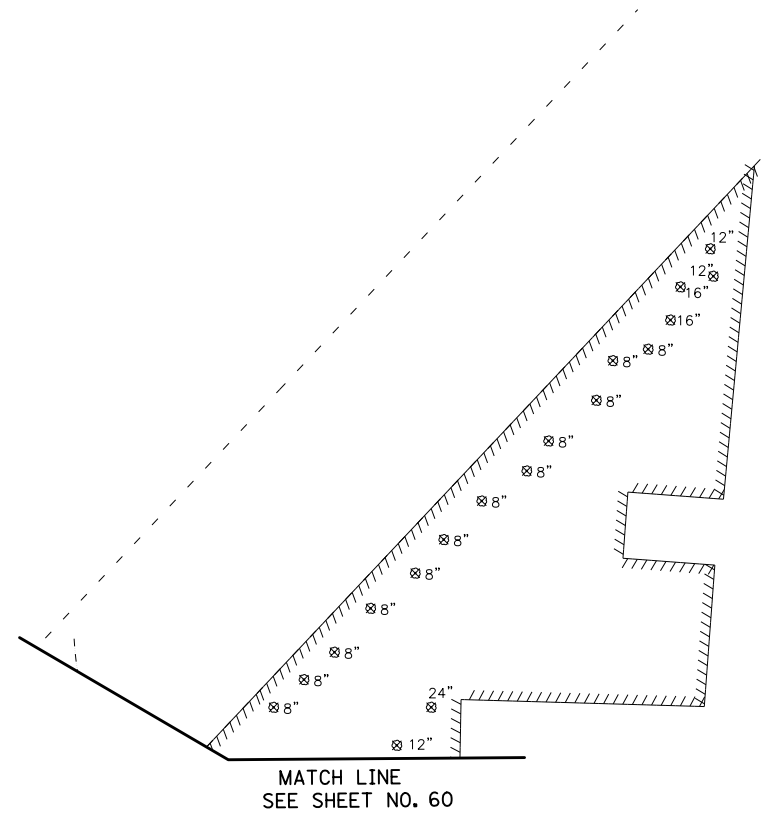
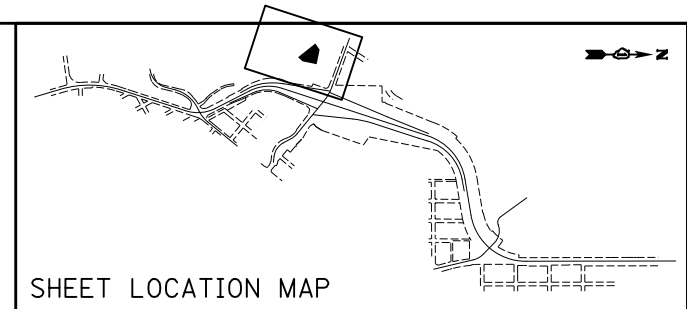
ILLINOIS ROUTE 31  
RAMP B  
RAMP C  
MCCD PRAIRIE PATH



FILE NAME = ... \D160F72-sht-rem-04.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 60	
PLOT SCALE = 100.0000' / in.					SCALE: 1" = 50'			SHEET NO. 4 OF 13 SHEETS		STA. 121+50 TO STA. 131+50		CONTRACT NO. 60F72	
PLOT DATE = 5/2/2012					DATE = 5/3/2012			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

**REMOVAL LEGEND**







-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE

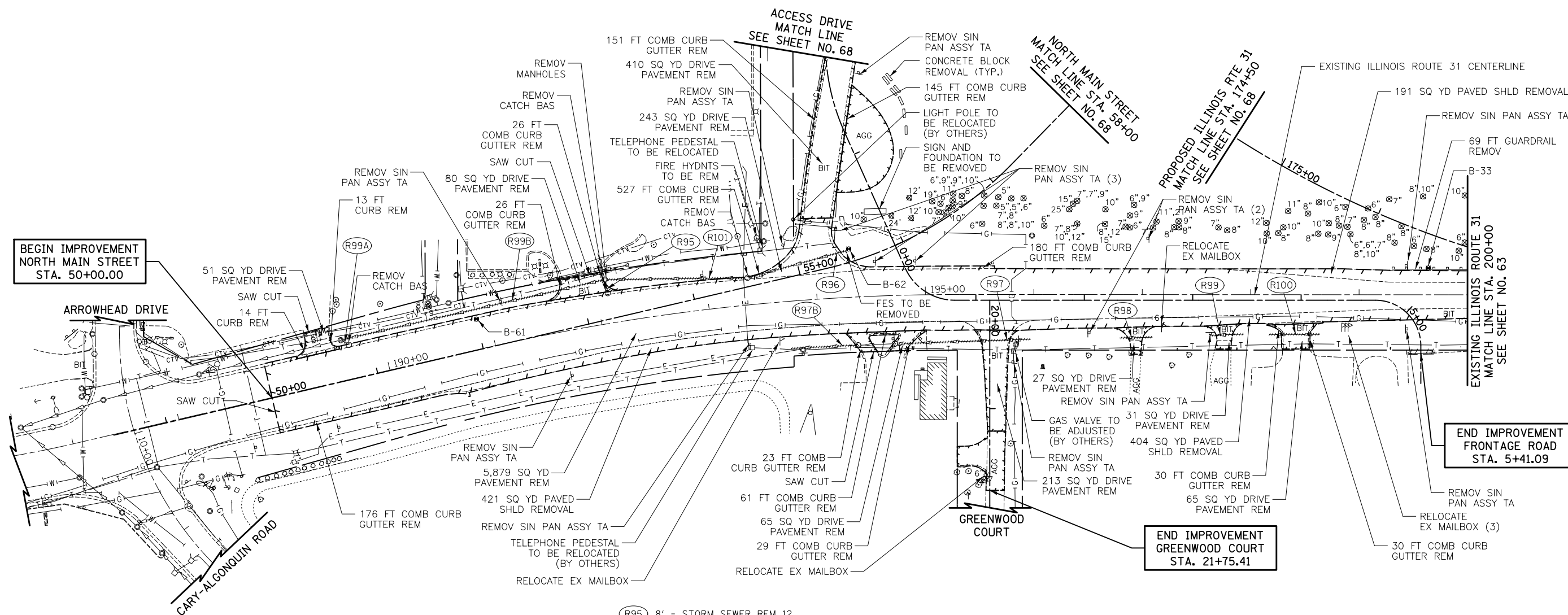
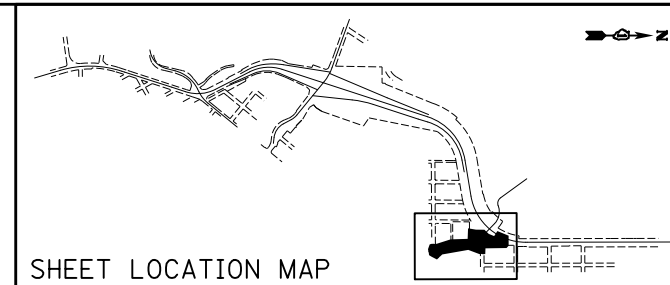


MCCD PRAIRIE PATH

FILE NAME = ...\\D160F72-sht-rem-05.dgn	USER NAME = ctb	DESIGNED - CTB DRAWN - ARA	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 61
PLOT SCALE = 100.0000' / in. PLOT DATE = 5/2/2012	CHECKED - GAB DATE - 5/3/2012	REVISED - REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 13 SHEETS	STA. N/A	TO STA. N/A	<b>CONTRACT NO. 60F72</b> <small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>				

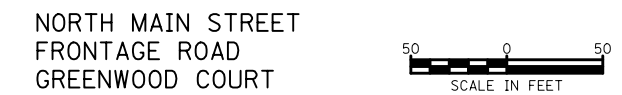
**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE









- (R95) 8' - STORM SEWER REM 12  
TBF = 7.9 CU YD
- (R96) 93' - STORM SEWER REM 21  
TBF = 0.0 CU YD
- (R97) 123' - STORM SEWER REM 15  
TBF = 1.5 CU YD
- (R97B) 60' - STORM SEWER REM 15  
TBF = 0.0 CU YD
- (R98) 31' - PIPE CULVERT REMOV  
TBF = 4.4 CU YD
- (R99) 32' - PIPE CULVERT REMOV  
TBF = 4.7 CU YD
- (R100) 47' - PIPE CULVERT REMOV  
TBF = 8.5 CU YD
- (R101) 127' - STORM SEWER REM 12  
TBF = 1.0 CU YD
- (R99A) 4' - STORM SEWER REM 12  
TBF = 1.5 CU YD
- (R99B) 246' - STORM SEWER REM 12  
TBF = 0.0 CU YD

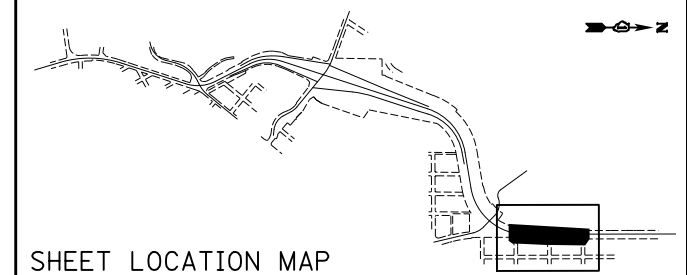
NOTE  
THE REMOVAL OF END SECTIONS SHALL BE PAID FOR AS "STORM SEWER REMOVAL".



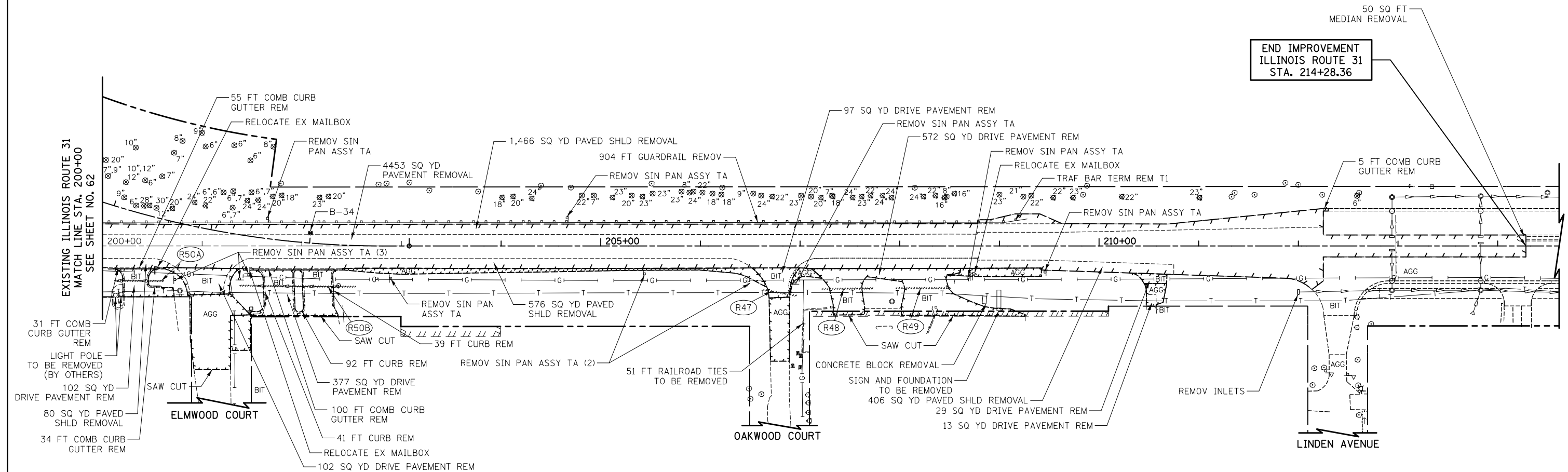
FILE NAME = ... \D160F72-sht-rem-06.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY CHENRY	TOTAL SHEETS 825	SHEET NO. 62		
	PLOT SCALE = 100.0000' / 1"	CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 6 OF 13 SHEETS	STA. 50+00	TO STA. 58+00	<b>CONTRACT NO. 60F72</b>		
	PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT						

**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE



SHEET LOCATION MAP



END IMPROVEMENT  
ILLINOIS ROUTE 31  
STA. 214+28.36

- (R47) 35' - PIPE CULVERT REMOV  
TBF = 6.9 CU YD
- (R48) 52' - PIPE CULVERT REMOV  
TBF = 10.0 CU YD
- (R49) 56' - PIPE CULVERT REMOV  
TBF = 13.8 CU YD
- (R50A) 50' - PIPE CULVERT REMOV  
TBF = 0.0 CU YD
- (R50B) 117' - PIPE CULVERT REMOV  
TBF = 0.0 CU YD









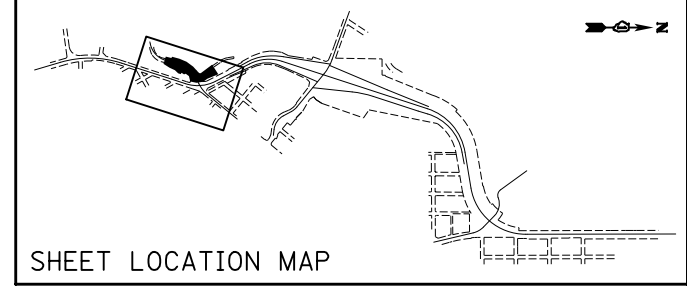
ILLINOIS ROUTE 31

FILE NAME = ... \D160F72-sht-rem-07.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 63
	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -		SCALE: 1" = 50'	SHEET NO. 7 OF 13 SHEETS	STA. 200+00	TO STA. 214+28.36	CONTRACT NO. 60F72			
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

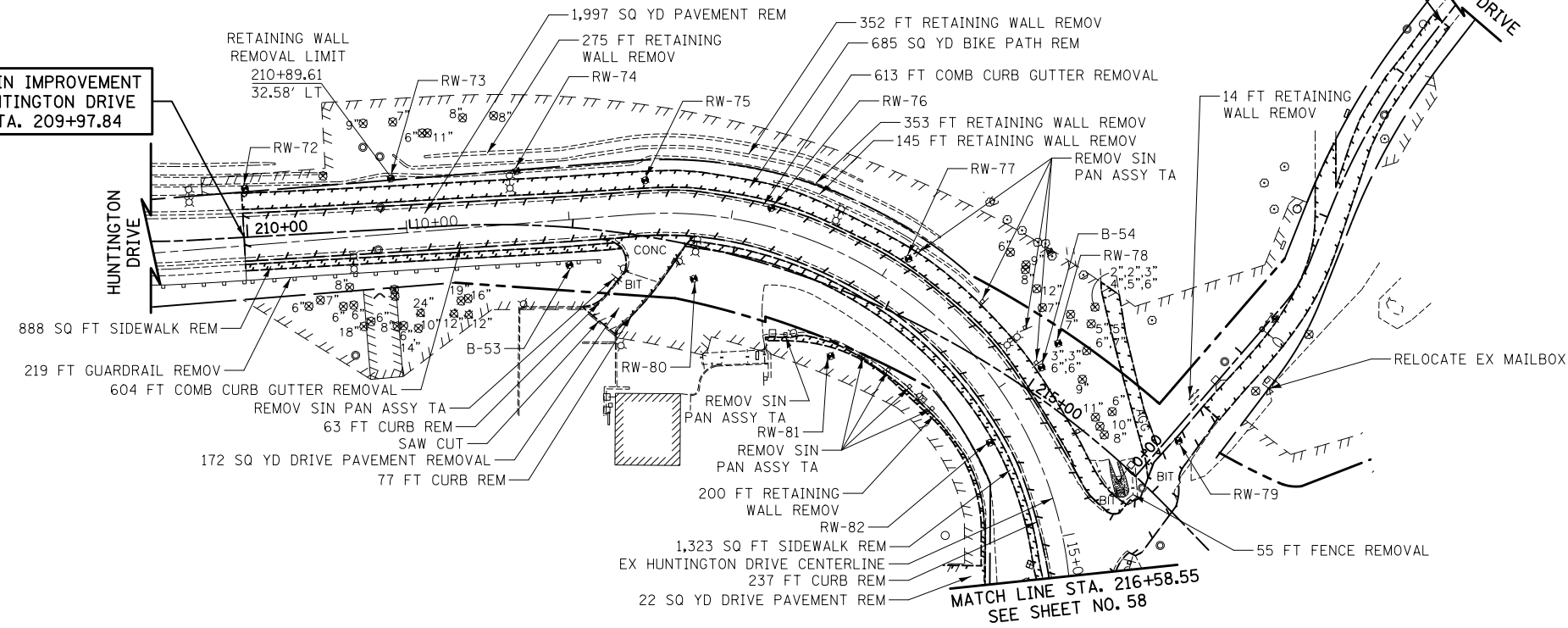


**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE

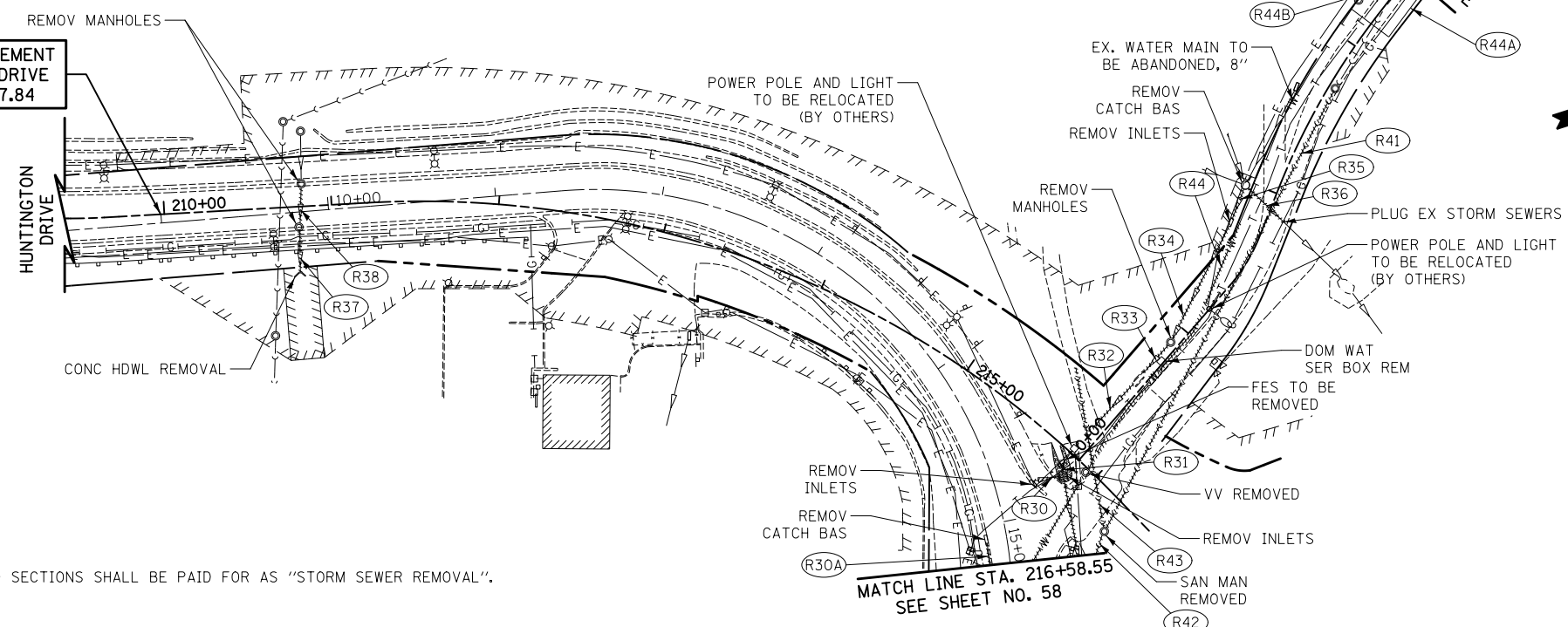


BEGIN IMPROVEMENT  
HUNTINGTON DRIVE  
STA. 209+97.84



END IMPROVEMENT  
LEGION DRIVE  
STA. 3+40.00

BEGIN IMPROVEMENT  
HUNTINGTON DRIVE  
STA. 209+97.84



- (R30) 17' - STORM SEWER REM 12 TBF = 7.8 CU YD
- (R30A) 23' - STORM SEWER REM 18 TBF = 0.0 CU YD
- (R31) 6' - STORM SEWER REM 12 TBF = .4 CU YD
- (R32) 40' - STORM SEWER REM 18 TBF = 8.8 CU YD
- (R33) 24' - STORM SEWER REM 18 TBF = 4.7 CU YD
- (R34) 76' - STORM SEWER REM 18 TBF = 15.3 CU YD
- (R35) 19' - STORM SEWER REM 15 TBF = 3.4 CU YD
- (R36) 29' - STORM SEWER REM 24 TBF = 1.4 CU YD
- (R37) 25' - STORM SEWER REM 18 TBF = 5.9 CU YD
- (R38) 22' - STORM SEWER REM 18 TBF = 4.8 CU YD
- (R41) 299' SAN SEW REMOV 8 TBF = 178.6 CU YD
- (R42) 12' SAN SEW REMOV 8 TBF = 14.2 CU YD
- (R43) 97' SAN SEW REMOV 8 TBF = 12.0 CU YD
- (R44) 240' WATER MAIN REMOV 8 TBF = 37.9 CU YD
- (R44A) 51' WATER SERV LINE REM TBF = 0.0 CU YD
- (R44B) 9' WATER MAIN REMOV 8 TBF = 0.0 CU YD

NOTE  
THE REMOVAL OF END SECTIONS SHALL BE PAID FOR AS "STORM SEWER REMOVAL".

HUNTINGTON DRIVE  
LEGION DRIVE  
SCALE IN FEET

FILE NAME = ...\\D160F72-sht-rem-08.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -
		DRAWN - ARA	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

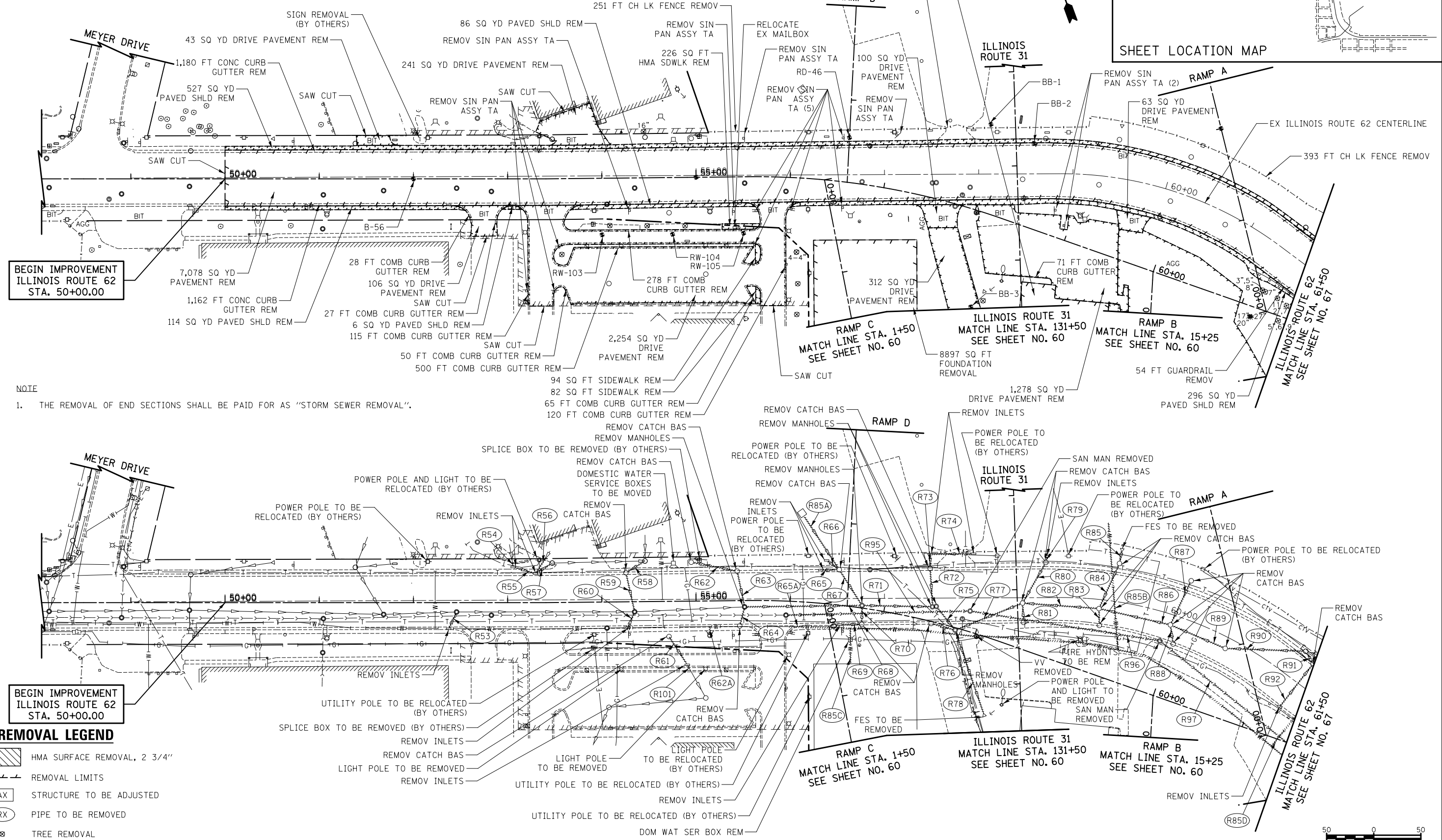
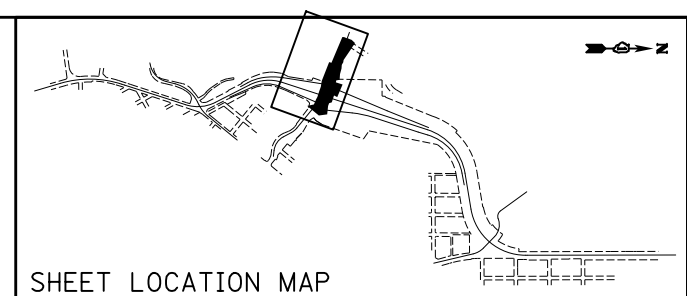
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 8 OF 13 SHEETS STA. 209+97.84 TO STA. 216+58.55

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	64
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SHEET LOCATION MAP

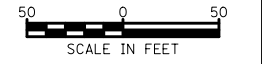


NOTE  
1. THE REMOVAL OF END SECTIONS SHALL BE PAID FOR AS "STORM SEWER REMOVAL".

BEGIN IMPROVEMENT ILLINOIS ROUTE 62 STA. 50+00.00

REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2 3/4"
- REMOVAL LIMITS
- STRUCTURE TO BE ADJUSTED
- PIPE TO BE REMOVED
- TREE REMOVAL
- SOIL BORING/PAVEMENT CORE



FILE NAME = ... \D160F72-sht-rem-09.dgn

USER NAME = ctb  
DESIGNED - CTB  
DRAWN - ARA  
CHECKED - GAB  
DATE - 5/3/2012

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
SCALE: 1" = 50'  
SHEET NO. 9 OF 13 SHEETS  
STA. 50+00 TO STA. 61+50







O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	65
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

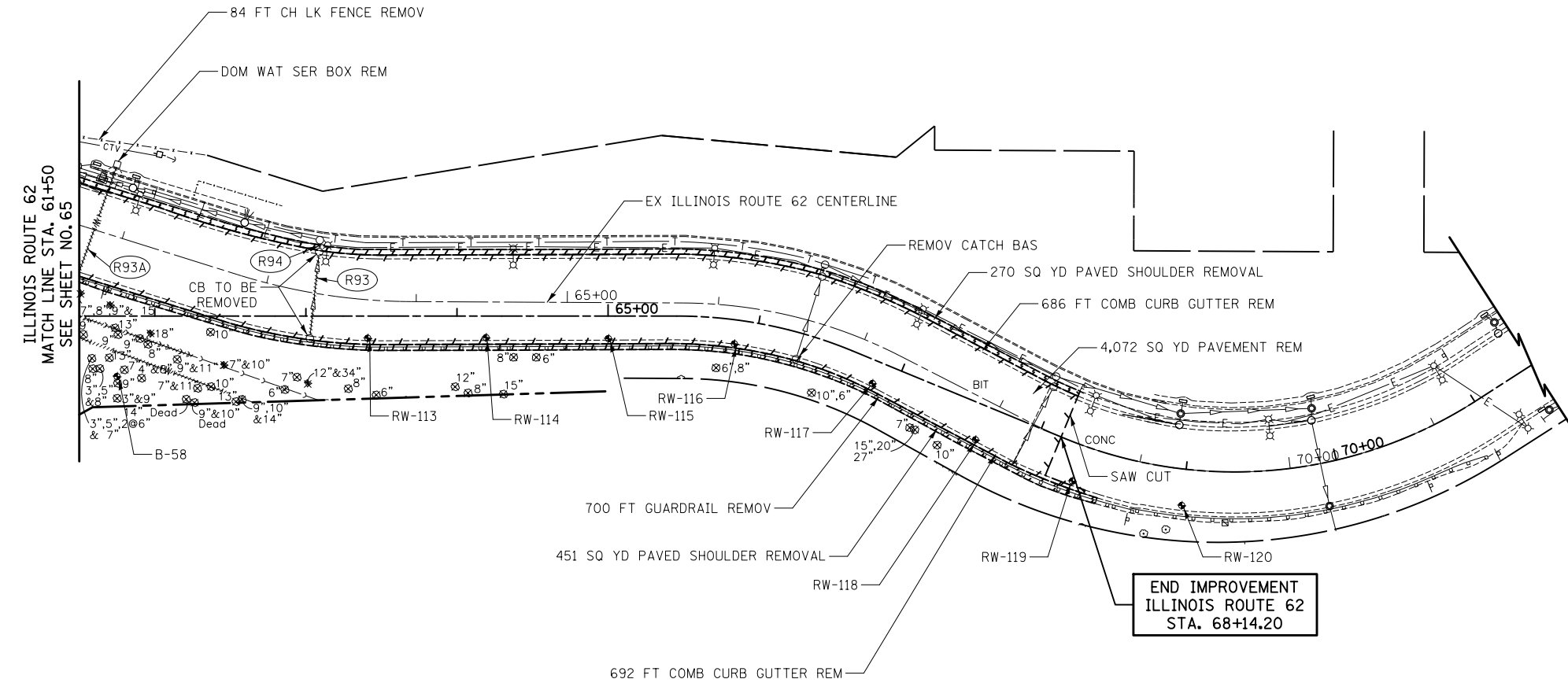
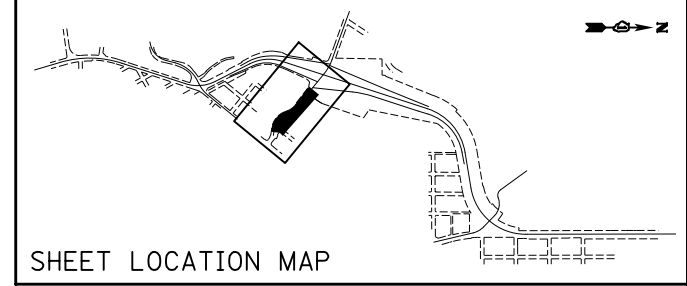
- (R53) 17' - STORM SEWER REM 12  
TBF = 4.1 CU YD
- (R54) 4' - STORM SEWER REM 6  
TBF = 2.0 CU YD
- (R55) 20' - STORM SEWER REM 12  
TBF = 8.1 CU YD
- (R56) 17' - STORM SEWER REM 6  
TBF = 1.8 CU YD
- (R57) 18' - STORM SEWER REM 12  
TBF = 2.9 CU YD
- (R58) 20' - STORM SEWER REM 18  
TBF = 5.5 CU YD
- (R59) 39' - STORM SEWER REM 18  
TBF = 16.9 CU YD
- (R60) 15' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R61) 33' - STORM SEWER REM 12  
TBF = 10.4 CU YD
- (R62) 46' - STORM SEWER REM 12  
TBF = 6.2 CU YD
- (R62A) 4' - WATER SERVICE REMOVAL  
TBF = 0.0 CU YD
- (R63) 35' - STORM SEWER REM 12  
TBF = 13.1 CU YD
- (R64) 17' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R65) 15' - STORM SEWER REM 12  
TBF = 3.2 CU YD
- (R65A) 83' - WATER MAIN REMOVAL 8  
TBF = 0.0 CU YD
- (R66) 14' - STORM SEWER REM 12  
TBF = 2.0 CU YD
- (R67) 41' - STORM SEWER REM 12  
TBF = 16.5 CU YD
- (R68) 38' - STORM SEWER REM  
TBF = 28.3 CU YD
- (R69) 19' - STORM SEWER REM 12  
TBF = 4.4 CU YD
- (R70) 16' - STORM SEWER REM 12  
TBF = 5.2 CU YD
- (R71) 70' - STORM SEWER REM  
TBF = 29.3 CU YD
- (R72) 37' - STORM SEWER REM 12  
TBF = 6.7 CU YD
- (R73) 13' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R74) 42' - STORM SEWER REM 12  
TBF = 4.9 CU YD
- (R75) 28' - STORM SEWER REM 30  
TBF = 22.6 CU YD
- (R76) 23' - STORM SEWER REM 15  
TBF = 16.0 CU YD
- (R77) 73' - STORM SEWER REM 18  
TBF = 34.2 CU YD
- (R78) 91' - STORM SEWER REM  
TBF = 20.3 CU YD
- (R79) 4' - STORM SEWER REM 12  
TBF = .4 CU YD
- (R80) 46' - STORM SEWER REM 18  
TBF = 14.3 CU YD
- (R81) 17' - STORM SEWER REM 12  
TBF = 4.3 CU YD
- (R82) 78' - STORM SEWER REM 18  
TBF = 7.2 CU YD
- (R83) 15' - STORM SEWER REM 12  
TBF = 5.0 CU YD
- (R84) 49' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R85) 11' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R85A) 66' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R86) 74' - STORM SEWER REM 15  
TBF = 0.0 CU YD
- (R87) 48' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R88) 18' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R89) 60' - STORM SEWER REM 15  
TBF = 25.3 CU YD
- (R90) 82' - STORM SEWER REM 12  
TBF = 27.6 CU YD
- (R91) 12' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R92) 55' - STORM SEWER REM 12  
TBF = 2.9 CU YD
- (R95) 192' - SAN SEW REMOV 10  
TBF = 195.3 CU YD
- (R96) 199' - SAN SEW REMOV 10  
TBF = 107.2 CU YD
- (R97) 170' - SAN SEW REMOV 10  
TBF = 305.4 CU YD
- (R101) 4' - STORM SEWER REM 12  
TBF = 0.0 CU YD
- (R85B) 135' - WATER SERVICE REMOVAL  
TBF = 18.5 CU YD
- (R85C) 38' - WATER SERVICE REMOVAL  
TBF = 5.3 CU YD
- (R85D) 41' - WATER SERVICE REMOVAL  
TBF = 5.3 CU YD




ILLINOIS ROUTE 62

FILE NAME = ...\\D160F72-sht-rem-10.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 66
	PLOT SCALE = 100.0000' / 1in.	CHECKED - GAB	REVISED -			SCALE: N.T.S.    SHEET NO. 10 OF 13 SHEETS    STA.    TO STA.		CONTRACT NO. 60F72		
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE



-  54' - STORM SEWER REM 12  
TBF = 17.9 CU YD
-  73' - WATER SERVICE REMOVAL  
TBF = 53.8 CU YD
-  4' - STORM SEWER REM 12  
TBF = 0.84 CU YD



ILLINOIS ROUTE 62

FILE NAME = ...D160F72-sht-rem-11.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -
		DRAWN - ARA	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -







**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

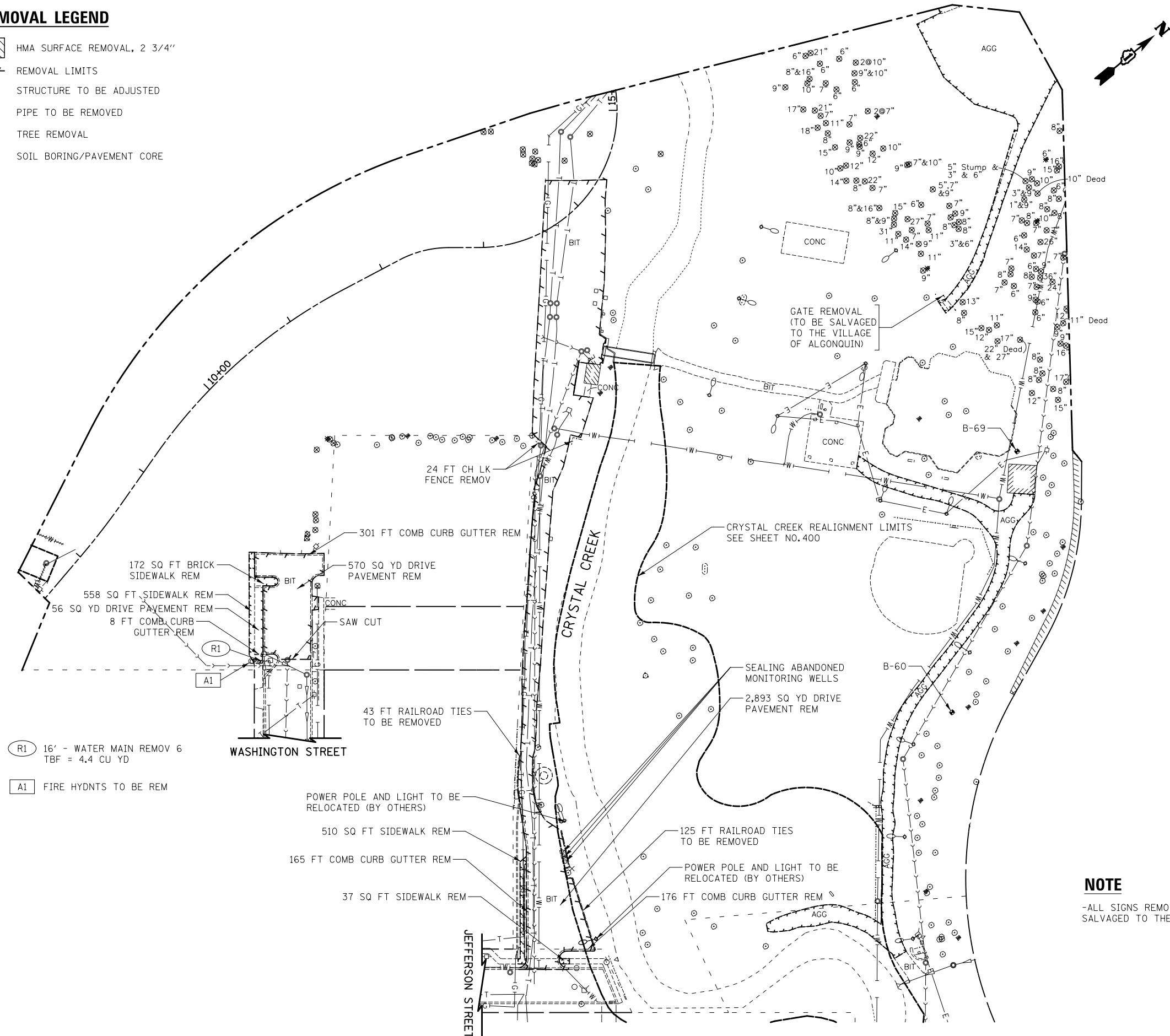
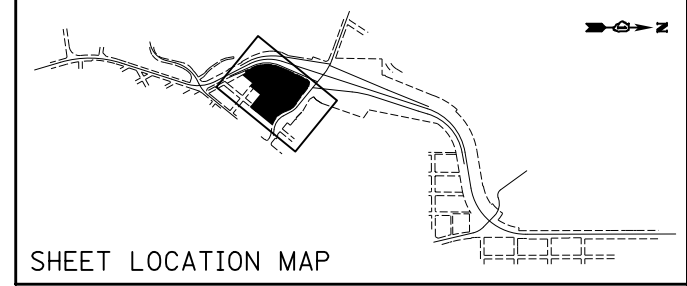
<b>REMOVAL PLAN</b>	
SCALE: 1" = 50'	SHEET NO. 11 OF 13 SHEETS
STA. 61+50	TO STA. 68+14.20

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	67
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2 3/4"
-  REMOVAL LIMITS
-  STRUCTURE TO BE ADJUSTED
-  PIPE TO BE REMOVED
-  TREE REMOVAL
-  SOIL BORING/PAVEMENT CORE



**NOTE**

-ALL SIGNS REMOVED FROM TOWNE PARK SHALL BE SALVAGED TO THE VILLAGE OF ALGONQUIN.



TOWNE PARK

FILE NAME =  
... \D160F72-sht-rem-13.dgn

USER NAME = ctb  
DESIGNED - CTB  
DRAWN - ARA  
CHECKED - GAB  
DATE - 5/3/2012  
PLOT SCALE = 100.0000' / in.  
PLOT DATE = 5/2/2012

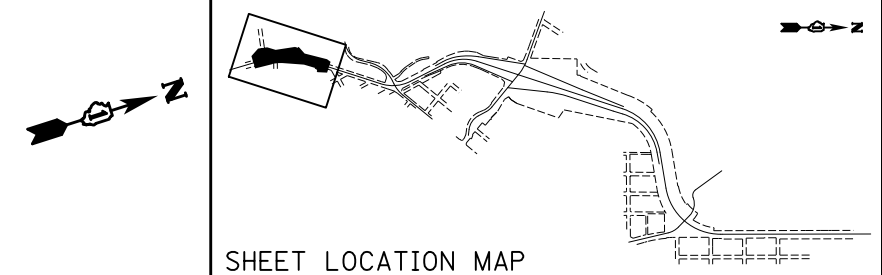
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

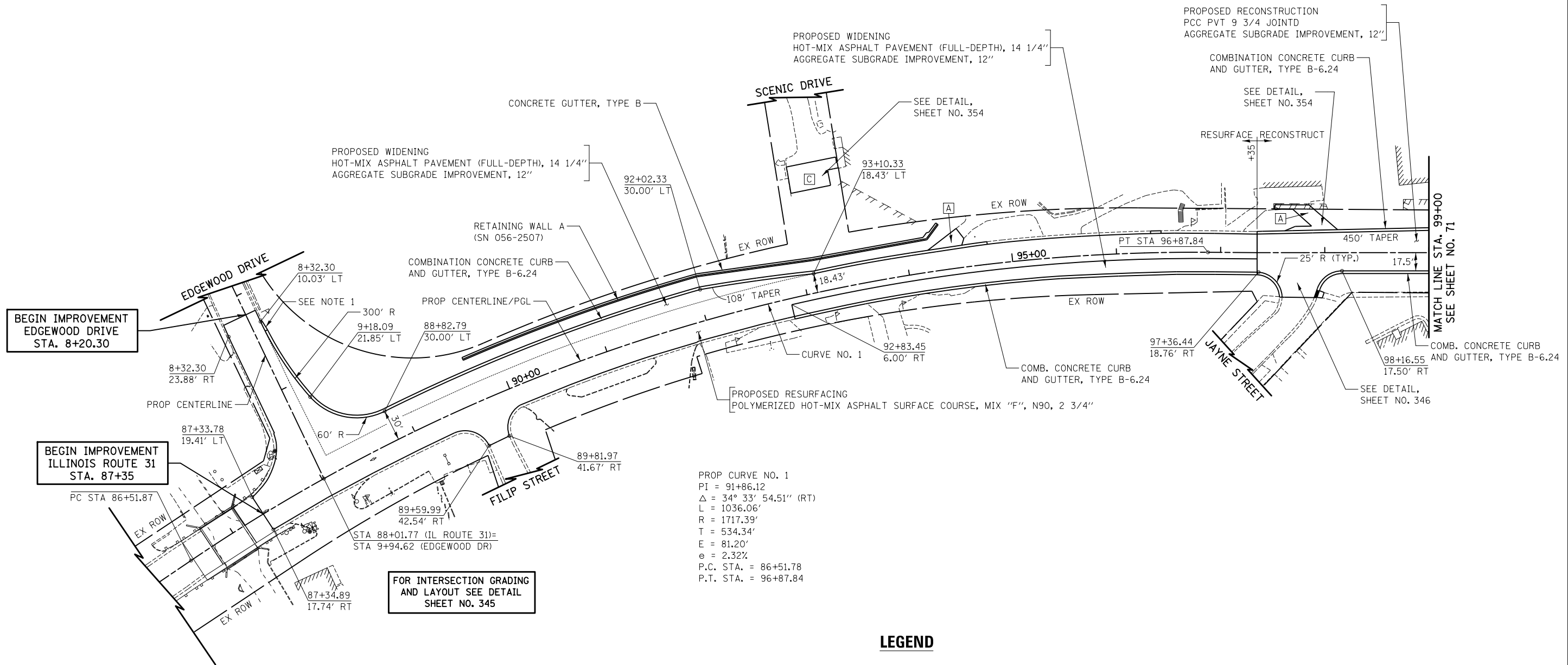
**REMOVAL PLAN**  
SCALE: 1" = 50'  
SHEET NO. 13 OF 13 SHEETS  
STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	69
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





SHEET LOCATION MAP



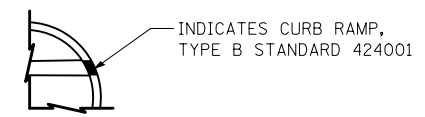
BEGIN IMPROVEMENT  
EDGEWOOD DRIVE  
STA. 8+20.30

BEGIN IMPROVEMENT  
ILLINOIS ROUTE 31  
STA. 87+35

FOR INTERSECTION GRADING  
AND LAYOUT SEE DETAIL  
SHEET NO. 345

**LEGEND**

- [A] RESIDENTIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 6"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [B] COMMERCIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 8"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [C] RESIDENTIAL HMA DRIVEWAY  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [D] COMMERCIAL HMA DRIVEWAY OR PARKING LOT  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 10"



- NOTES:
- TRANSITION FROM B-6.24 TO B-6.12 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".

ILLINOIS ROUTE 31  
EDGEWOOD DRIVE



FILE NAME =	USER NAME = ctb
...\\D160F72-sht-pln-01.dgn	
PLOT SCALE = 100.0000' / in.	
PLOT DATE = 5/2/2012	

DESIGNED - CTB	REVISED -
DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5/3/2012	REVISED -

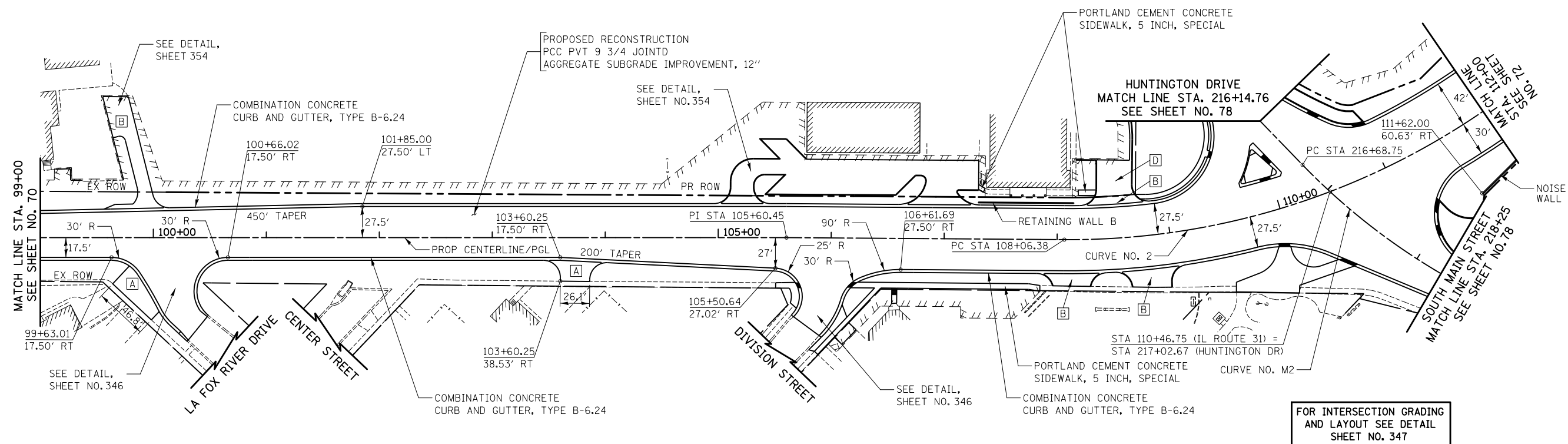
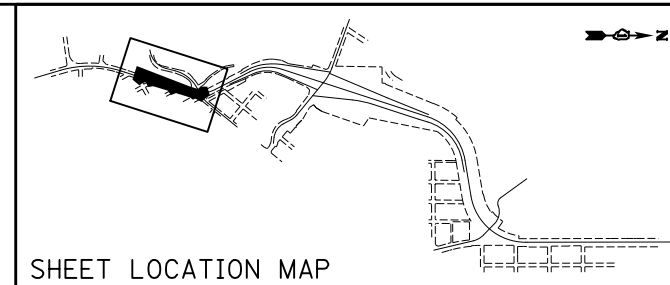
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 50'		SHEET NO. 1 OF 15 SHEETS		STA. 87+35 TO STA. 99+00	
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O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	70
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:

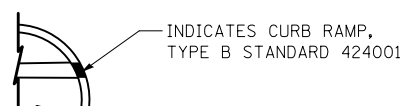
1. TRANSITION FROM B-6.24 TO B-6.12 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".
2. FOR STATIONS, OFFSETS, RADII, DIMENSIONS, AND TAPERS IN THE INTERSECTION OF THE ALGONQUIN BYPASS AND HUNTINGTON DRIVE, SEE SHEET NO. 97 .
3. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.



FOR INTERSECTION GRADING AND LAYOUT SEE DETAIL SHEET NO. 347

**LEGEND**

- [A] RESIDENTIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 6"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [B] COMMERCIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 8"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [C] RESIDENTIAL HMA DRIVEWAY  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [D] COMMERCIAL HMA DRIVEWAY OR PARKING LOT  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 10"



PROP CURVE NO. 2  
PI STA. = 110+75.44  
Δ = 45° 11' 23" (LT)  
R = 646.54'  
T = 269.06'  
L = 509.93'  
E = 53.75'  
e = R.C.  
P.C. STA. = 108+06.38  
P.T. STA. = 113+16.31

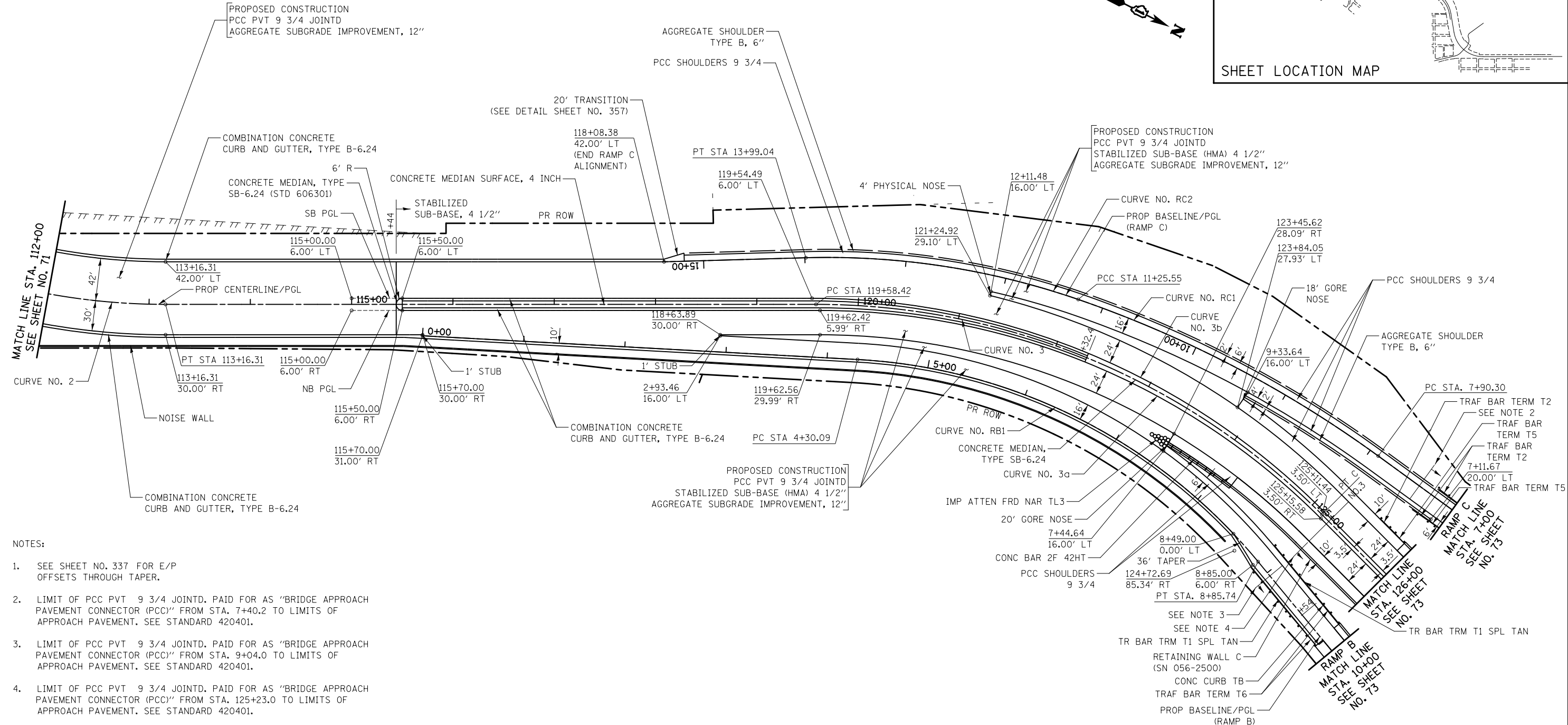
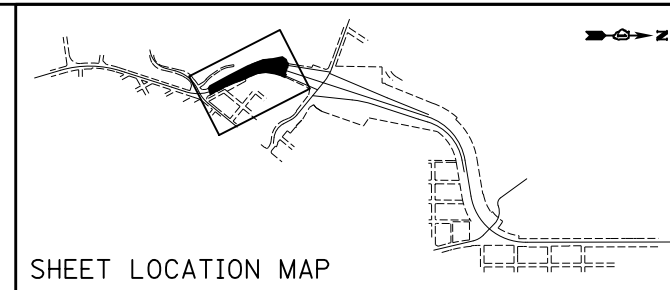
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	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>	
SCALE: 1" = 50'	SHEET NO. 2 OF 15 SHEETS
STA. 99+00	TO STA. 112+00

ILLINOIS ROUTE 31				
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	71
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





NOTES:

- SEE SHEET NO. 337 FOR E/P OFFSETS THROUGH TAPER.
- LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 7+40.2 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.
- LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 9+04.0 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.
- LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 125+23.0 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.

PROP CURVE NO.	PROP CURVE NO.	PROP CURVE NO.	PROP CURVE NO.	PROP CURVE NO.	PROP CURVE NO.
3	RB1	RC1	RC2	3a	3b
PI STA. = 122+51.26	PI STA. = 6+71.79	PI STA. = 9+59.17	PI STA. = 12+63.80	PI STA. = 122+39.00, 53.26' (LT)	PI STA. = 122+32.98, 63.54' (LT)
Δ = 45° 06' 40" (RT)	Δ = 47° 17' 41" (RT)	Δ = 17° 00' 50" (LT)	Δ = 20° 40' 21" (LT)	Δ = 45° 06' 40" (RT)	Δ = 45° 06' 40" (RT)
D = 8° 07' 36"	D = 10° 22' 47"	D = 5° 04' 30"	D = 7° 33' 32"	D = 8° 12' 31"	D = 8° 02' 50"
R = 705.04'	R = 552.00'	R = 1,129.00'	R = 758.00'	R = 698.00'	R = 712.00'
T = 292.84'	T = 241.71'	T = 168.87'	T = 138.25'	T = 289.91'	T = 295.73'
L = 555.10'	L = 455.65'	L = 335.25'	L = 273.49'	L = 549.56'	L = 560.58'
E = 58.40'	E = 50.60'	E = 12.56'	E = 12.50'	E = 57.81'	E = 58.97'
e = 4.00%	e = 6.00%	e = 4.60%	e = 4.60%	e = 4.60%	e = 4.60%
P.C. STA. = 119+58.42	P.C. STA. = 4+30.09	P.C. STA. = 7+90.30	P.C. STA. = 11+25.55	P.C. STA. = 119+62.42, 5.99' RT	P.C. STA. = 119+58.49, 6.00' RT
P.T. STA. = 125+13.52	P.T. STA. = 8+85.74	P.T. STA. = 11+25.55	P.T. STA. = 13+99.04	P.T. STA. = 125+15.58, 3.50' RT	P.T. STA. = 125+11.44, 3.50' LT

ILLINOIS ROUTE 31  
RAMP B  
RAMP C

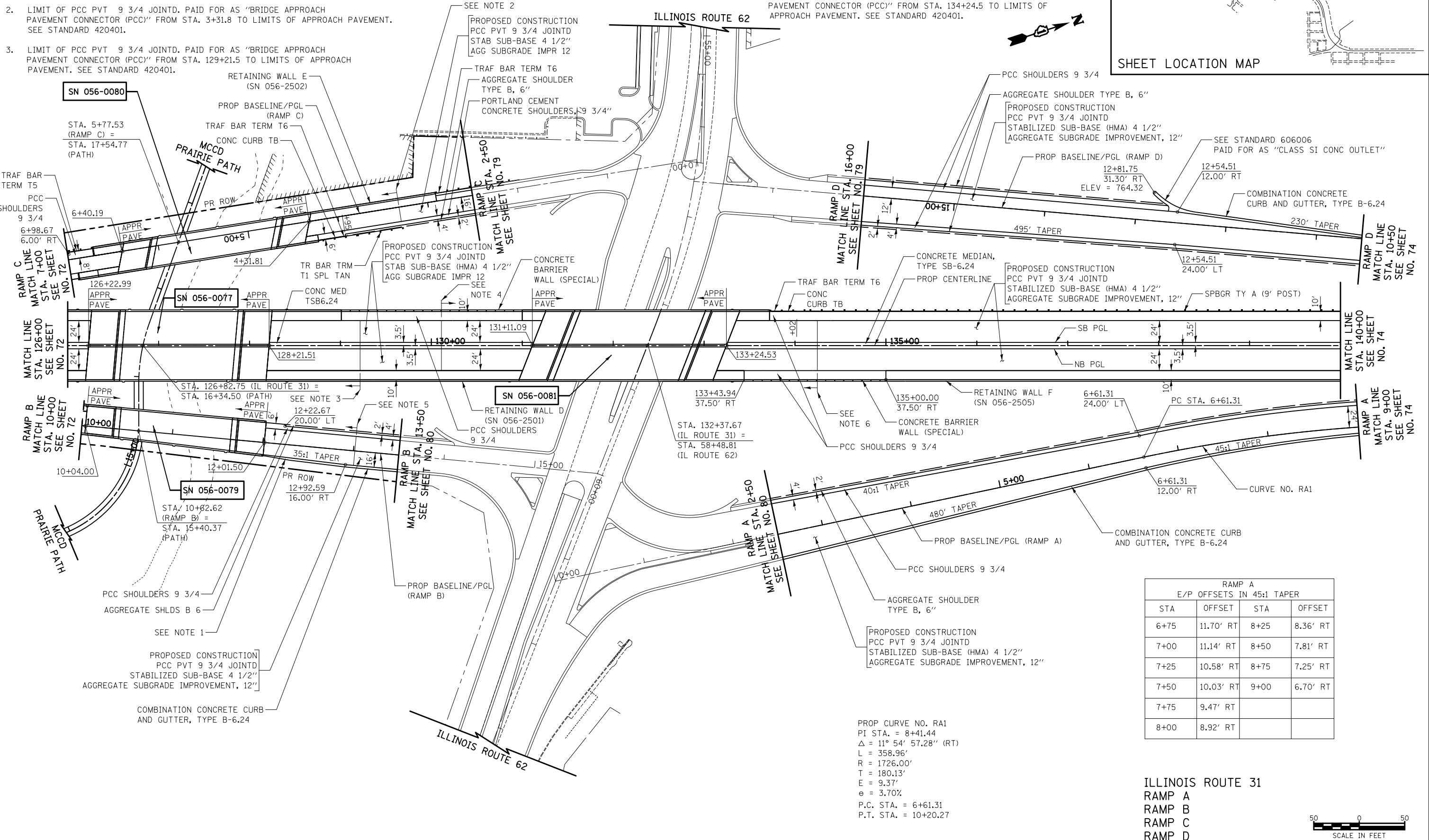
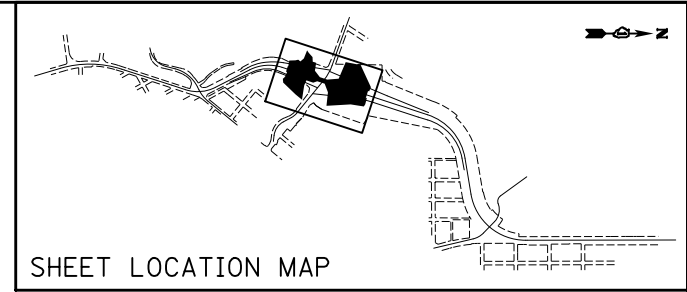
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	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -		SCALE: 1" = 50'	SHEET NO. 3 OF 15 SHEETS	STA. 112+00 TO STA. 126+00	0003	18A-2	MCHENRY	825	72
	PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISED -					CONTRACT NO. 60F72				

NOTES:

- 1. TRANSITION FROM CONC CURB TB TO COMB CC&G TB6.24 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".
- 2. LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 3+31.8 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.
- 3. LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 129+21.5 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.

- 4. LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 130+11.1 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.

- 5. LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 13+01.5 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.
- 6. LIMIT OF PCC PVT 9 3/4 JOINTD. PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)" FROM STA. 134+24.5 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401.



STA	OFFSET	STA	OFFSET
6+75	11.70' RT	8+25	8.36' RT
7+00	11.14' RT	8+50	7.81' RT
7+25	10.58' RT	8+75	7.25' RT
7+50	10.03' RT	9+00	6.70' RT
7+75	9.47' RT		
8+00	8.92' RT		

PROP CURVE NO. RA1  
 PI STA. = 8+41.44  
 $\Delta = 11^{\circ} 54' 57.28''$  (RT)  
 L = 358.96'  
 R = 1726.00'  
 T = 180.13'  
 E = 9.37'  
 e = 3.70%  
 P.C. STA. = 6+61.31  
 P.T. STA. = 10+20.27

ILLINOIS ROUTE 31  
 RAMP A  
 RAMP B  
 RAMP C  
 RAMP D



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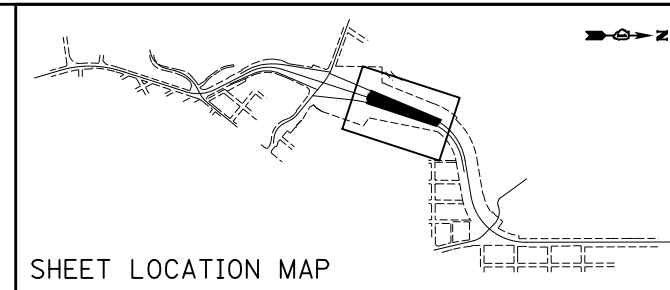
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DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

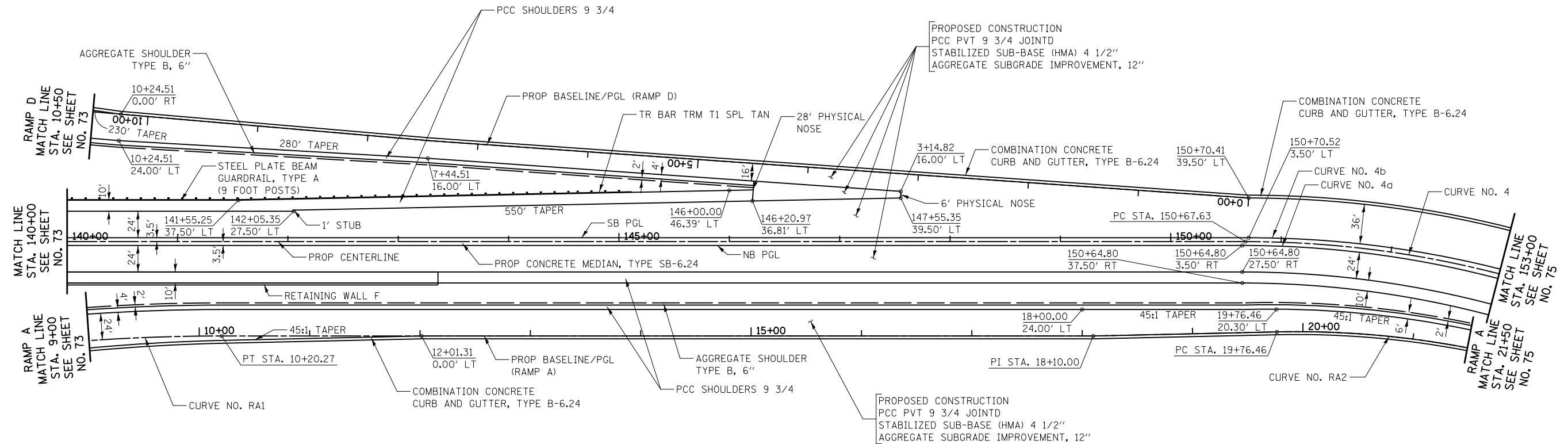
PLAN  
 SCALE: 1" = 50'  
 SHEET NO. 4 OF 15 SHEETS  
 STA. 126+00 TO STA. 140+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	73

CONTRACT NO. 60F72  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



SHEET LOCATION MAP



RAMP A  
E/P OFFSETS IN 45:1 TAPER

STA	OFFSET	STA	OFFSET
9+00	6.70' RT	10+75	2.81' RT
9+25	6.14' RT	11+00	2.25' RT
9+50	5.58' RT	11+25	1.70' RT
9+75	5.03' RT	11+50	1.14' RT
10+00	4.47' RT	11+75	0.58' RT
10+25	3.92' RT	12+00	0.03' RT
10+50	3.36' RT		

RAMP A E/P OFFSETS  
IN 45:1 TAPER

STA	OFFSET
20+00	19.78' LT
20+25	19.22' LT
20+50	18.67' LT
20+75	18.11' LT
21+00	17.56' LT
21+25	17.00' LT
21+50	16.44' LT

PROP CURVE NO. 4a  
 $\Delta = 62^\circ 30' 28''$   
 $R = 911.00'$   
 $T = 552.89'$   
 $L = 993.87'$   
 $E = 154.65'$   
 P.C. STA. = 150+64.80, 3.50' RT  
 P.T. STA. = 160+65.08, 8.98' RT

PROP CURVE NO. 4b  
 $\Delta = 62^\circ 30' 28''$   
 $R = 929.00'$   
 $T = 563.82'$   
 $L = 1,013.51'$   
 $E = 157.71'$   
 P.C. STA. = 150+70.52, 3.50' LT  
 P.T. STA. = 160+77.55, 9.00' LT

PROP. CURVE NO. 4  
 PI STA. = 156+26.02  
 $\Delta = 62^\circ 30' 28''$  (RT)  
 $D = 6^\circ 13' 39''$   
 $R = 920.06'$   
 $T = 558.39'$   
 $L = 1,003.75'$   
 $E = 156.19'$   
 $e = 4.00\%$   
 P.C. STA. = 150+67.63  
 P.T. STA. = 160+71.38

ILLINOIS ROUTE 31  
 RAMP A  
 RAMP D

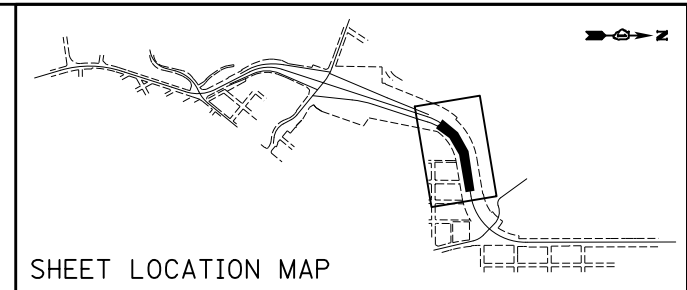


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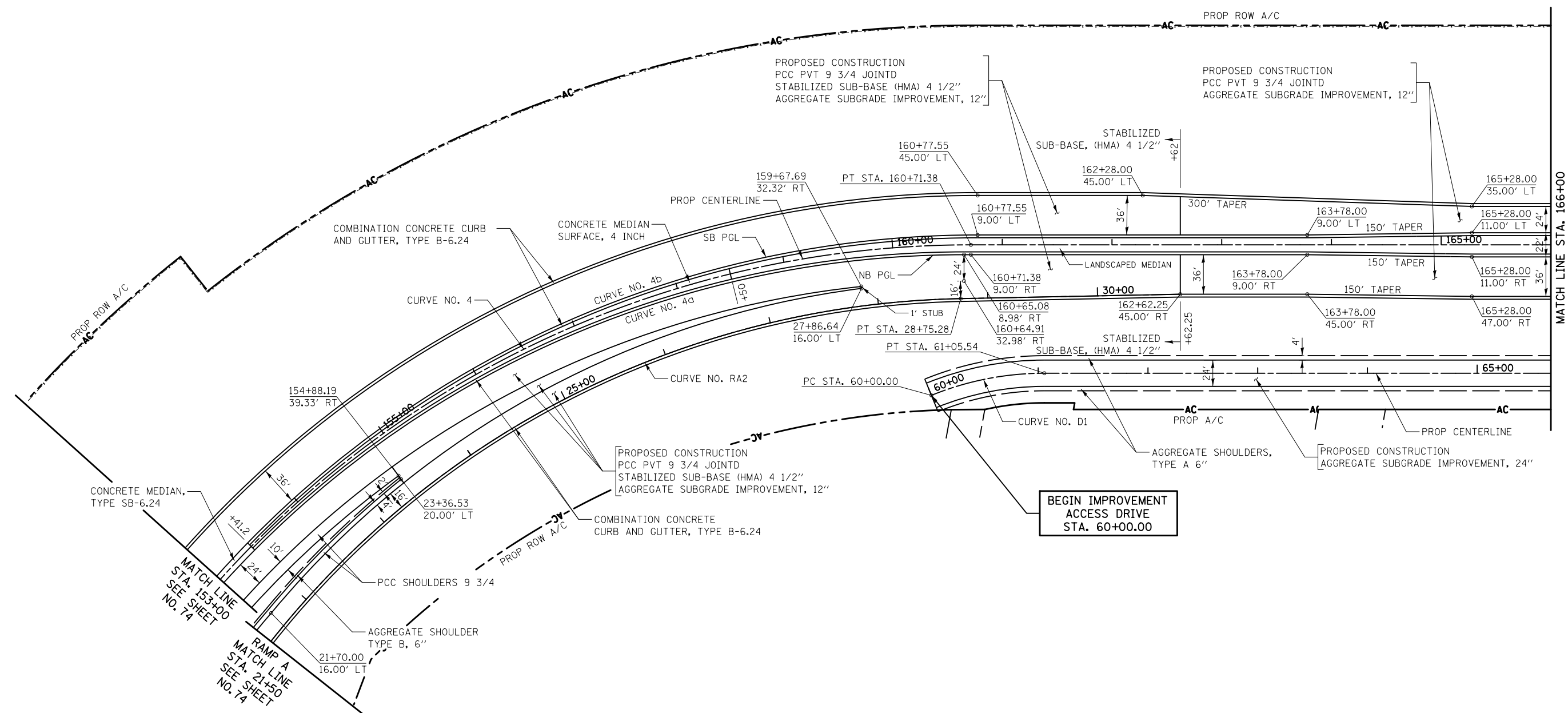
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 50'		SHEET NO. 5 OF 15 SHEETS	STA. 140+00 TO STA. 153+00
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O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	74
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SHEET LOCATION MAP



PROP. CURVE NO. 4 PI STA. = 156+26.02 $\Delta = 62^\circ 30' 28''$ (RT) $D = 6^\circ 13' 39''$ $R = 920.06'$ $T = 558.39'$ $L = 1,003.75'$ $E = 156.19'$ $e = 4.00\%$ P.C. STA. = 150+67.63 P.T. STA. = 160+71.38	PROP. CURVE NO. RA2 PI STA. = 24+76.71 $\Delta = 62^\circ 38' 06''$ (RT) $D = 6^\circ 58' 07''$ $R = 822.20'$ $T = 500.25'$ $L = 898.82'$ $E = 140.23'$ $e = 5.90\%$ P.C. STA. = 19+76.46 P.T. STA. = 28+75.28	PROP. CURVE D1 PI STA. = 60+53.44 $\Delta = 22^\circ 08' 58''$ (RT) $D = 20^\circ 59' 15''$ $R = 273.00'$ $T = 53.44'$ $L = 105.54'$ $E = 5.18'$ $e = N.C.$ P.C. STA. = 60+00.00 P.T. STA. = 61+05.54
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**BEGIN IMPROVEMENT  
ACCESS DRIVE  
STA. 60+00.00**

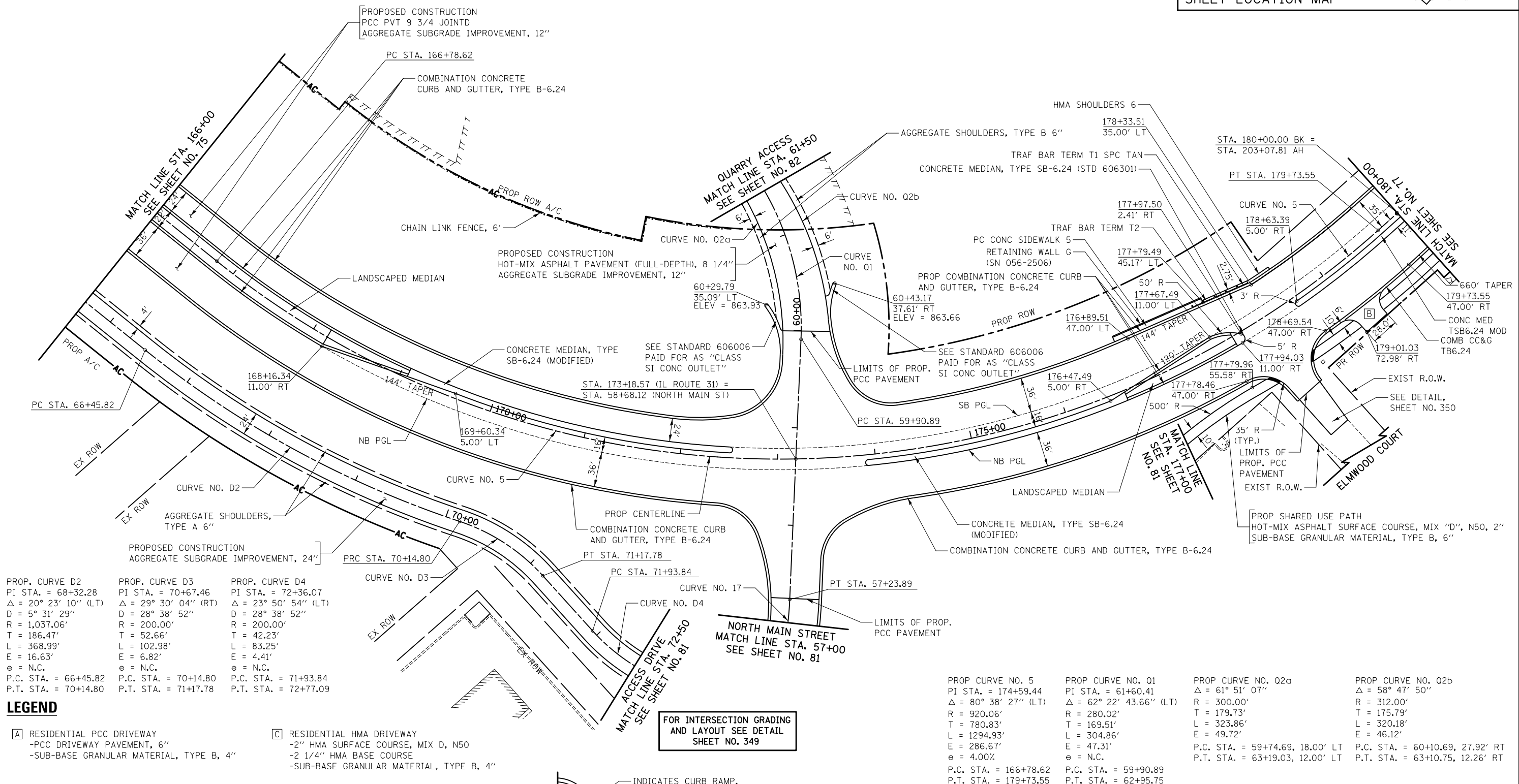
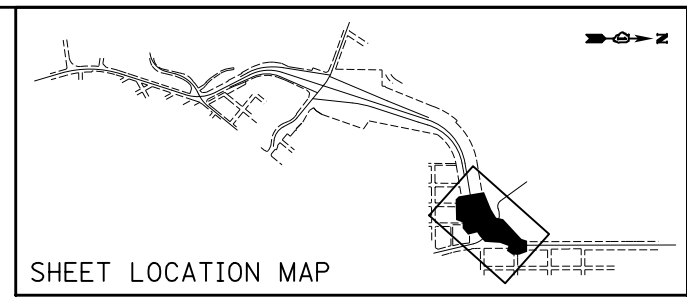
ILLINOIS ROUTE 31



FILE NAME = ... \D160F72-sht-pln-06.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. = 0003	SECTION = 18A-2	COUNTY = MCHENRY	TOTAL SHEETS = 825	SHEET NO. = 75		
PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 6 OF 15 SHEETS	STA. 153+00	TO STA. 166+00	CONTRACT NO. 60F72		
PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

NOTES:

- FOR STATIONS, OFFSETS, RADII, DIMENSIONS, AND TAPERS IN THE INTERSECTION OF THE ALGONQUIN BYPASS AND THE QUARRY ACCESS/NORTH MAIN STREET, SEE SHEET NO. 349.
- TRANSITION CURB HEIGHT FROM 6" TO 0" OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.

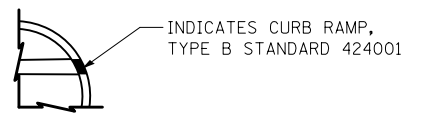


<p>PROP. CURVE D2                  PI STA. = 68+32.28  <math>\Delta = 20^\circ 23' 10''</math> (LT)                  D = 5' 31' 29"                  R = 1,037.06'                  T = 186.47'                  L = 368.99'                  E = 16.63'                  e = N.C.                  P.C. STA. = 66+45.82                  P.T. STA. = 70+14.80</p>	<p>PROP. CURVE D3                  PI STA. = 70+67.46  <math>\Delta = 29^\circ 30' 04''</math> (RT)                  D = 28' 38' 52"                  R = 200.00'                  T = 52.66'                  L = 102.98'                  E = 6.82'                  e = N.C.                  P.C. STA. = 70+14.80                  P.T. STA. = 71+17.78</p>	<p>PROP. CURVE D4                  PI STA. = 72+36.07  <math>\Delta = 23^\circ 50' 54''</math> (LT)                  D = 28' 38' 52"                  R = 200.00'                  T = 42.23'                  L = 83.25'                  E = 4.41'                  e = N.C.                  P.C. STA. = 71+93.84                  P.T. STA. = 72+77.09</p>
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**LEGEND**

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|--|--|
| <p>[A] RESIDENTIAL PCC DRIVEWAY<br/>                 -PCC DRIVEWAY PAVEMENT, 6"<br/>                 -SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p> | <p>[C] RESIDENTIAL HMA DRIVEWAY<br/>                 -2" HMA SURFACE COURSE, MIX D, N50<br/>                 -2 1/4" HMA BASE COURSE<br/>                 -SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p>                |
| <p>[B] COMMERCIAL PCC DRIVEWAY<br/>                 -PCC DRIVEWAY PAVEMENT, 8"<br/>                 -SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p>  | <p>[D] COMMERCIAL HMA DRIVEWAY OR PARKING LOT<br/>                 -2" HMA SURFACE COURSE, MIX D, N50<br/>                 -2 1/4" HMA BASE COURSE<br/>                 -SUB-BASE GRANULAR MATERIAL, TYPE B, 10"</p> |

FOR INTERSECTION GRADING AND LAYOUT SEE DETAIL SHEET NO. 349



<p>PROP CURVE NO. 5                  PI STA. = 174+59.44  <math>\Delta = 80^\circ 38' 27''</math> (LT)                  R = 920.06'                  T = 780.83'                  L = 1294.93'                  E = 286.67'                  e = 4.00%                  P.C. STA. = 166+78.62                  P.T. STA. = 179+73.55</p>	<p>PROP CURVE NO. Q1                  PI STA. = 61+60.41  <math>\Delta = 62^\circ 22' 43.66''</math> (LT)                  R = 280.02'                  T = 169.51'                  L = 304.86'                  E = 47.31'                  e = N.C.                  P.C. STA. = 59+90.89                  P.T. STA. = 62+95.75</p>	<p>PROP CURVE NO. Q2a  <math>\Delta = 61^\circ 51' 07''</math>                  R = 300.00'                  T = 179.73'                  L = 323.86'                  E = 49.72'                  P.C. STA. = 59+74.69, 18.00' LT                  P.T. STA. = 63+19.03, 12.00' LT</p>	<p>PROP CURVE NO. Q2b  <math>\Delta = 58^\circ 47' 50''</math>                  R = 312.00'                  T = 175.79'                  L = 320.18'                  E = 46.12'                  P.C. STA. = 60+10.69, 27.92' RT                  P.T. STA. = 63+10.75, 12.26' RT</p>
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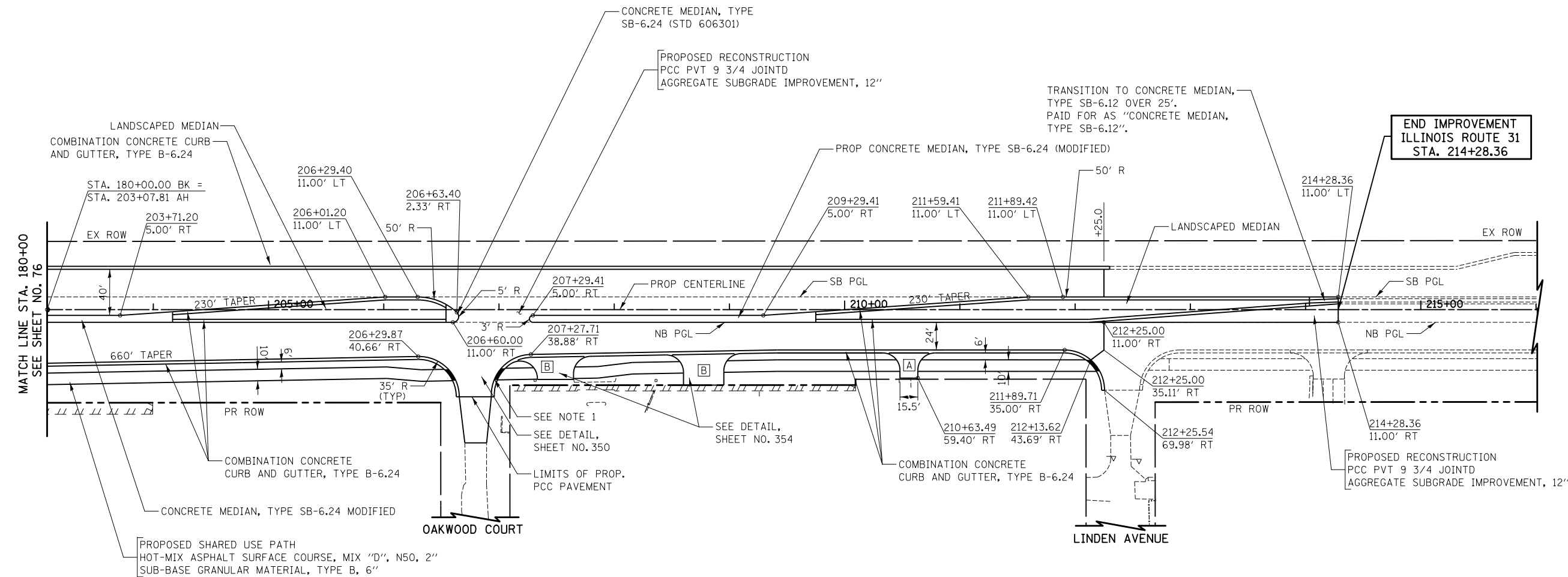
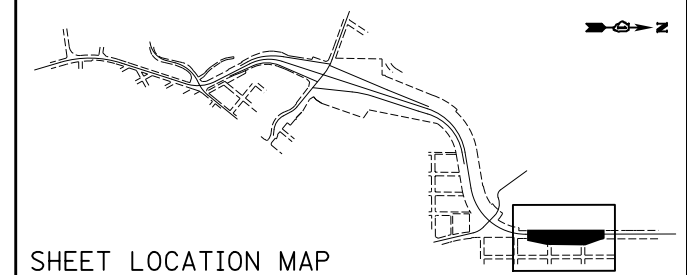
ILLINOIS ROUTE 31  
 QUARRY ACCESS  
 NORTH MAIN STREET

SCALE IN FEET



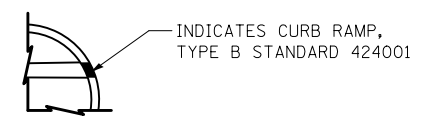
NOTES:

1. DEPRESS CURB FROM CROSSWALK TO CURB LIMIT.
2. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.



**LEGEND**

- [A] RESIDENTIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 6"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [B] COMMERCIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 8"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [C] RESIDENTIAL HMA DRIVEWAY  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [D] COMMERCIAL HMA DRIVEWAY OR PARKING LOT  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 10"



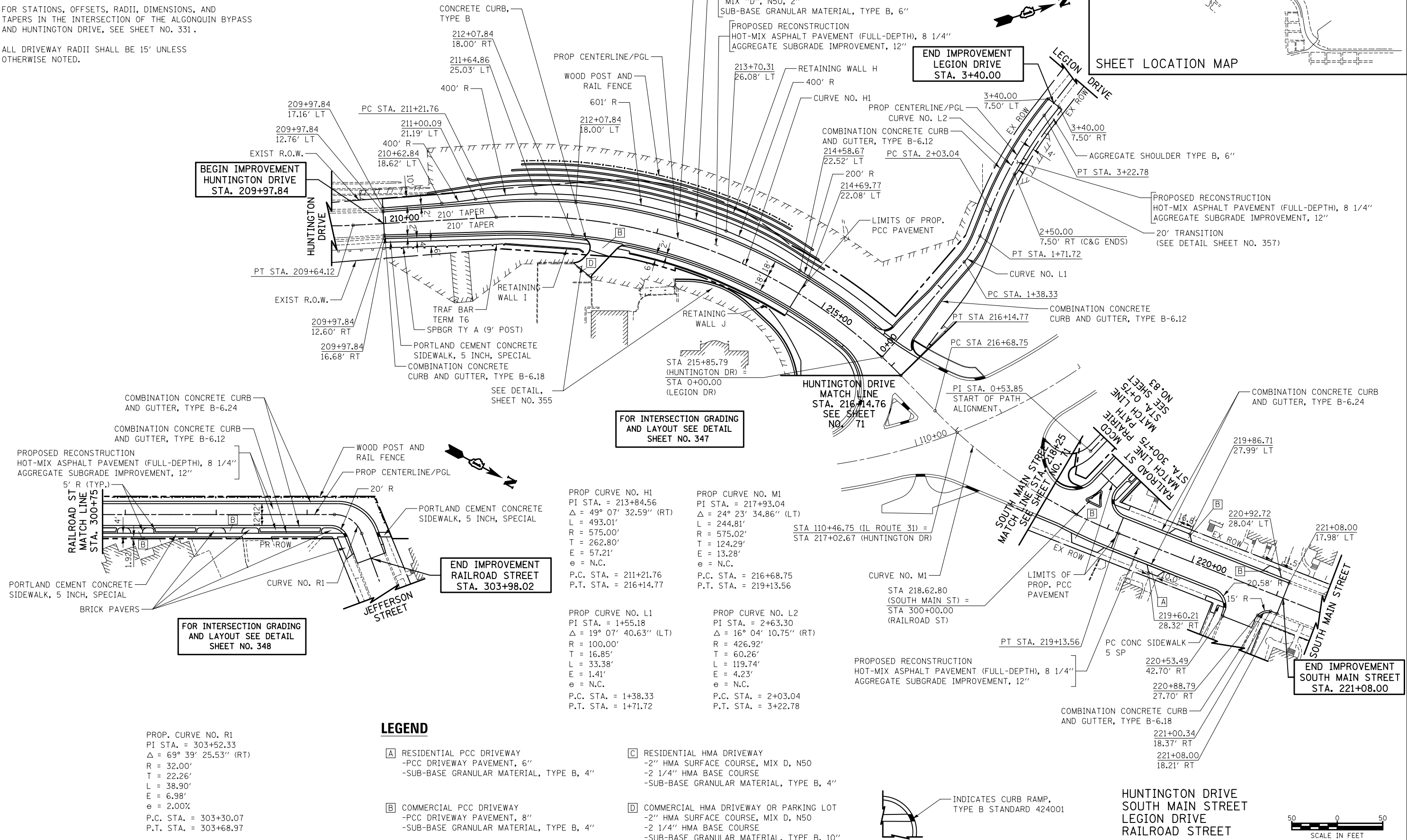
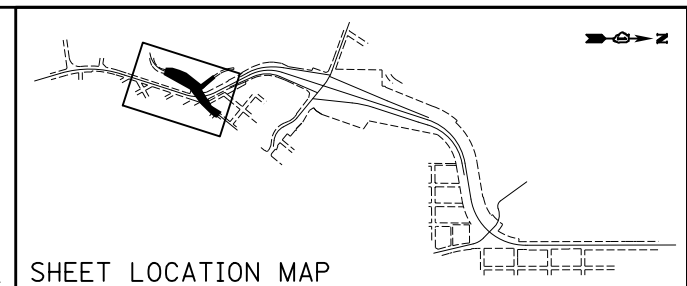
ILLINOIS ROUTE 31



FILE NAME = ...\\D160F72-sht-pln-08.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. = 0003	SECTION = 18A-2	COUNTY = MCHENRY	TOTAL SHEETS = 825	SHEET NO. = 77
	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISIED -			SCALE: 1" = 50'	SHEET NO. 8 OF 15 SHEETS	STA. 180+00 TO STA. 214+28.36	CONTRACT NO. 60F72	
PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISIED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

NOTES:

1. TRANSITION FROM B-6.24 TO B-6.12 OR B-6.18 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".
2. FOR STATIONS, OFFSETS, RADII, DIMENSIONS, AND TAPERS IN THE INTERSECTION OF THE ALGONQUIN BYPASS AND HUNTINGTON DRIVE, SEE SHEET NO. 331.
3. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.



FILE NAME = ... \D160F72-sht-pln-09.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -
		DRAWN - ARA	REVISED -
		CHECKED - GAB	REVISED -
		DATE - 5/3/2012	REVISED -

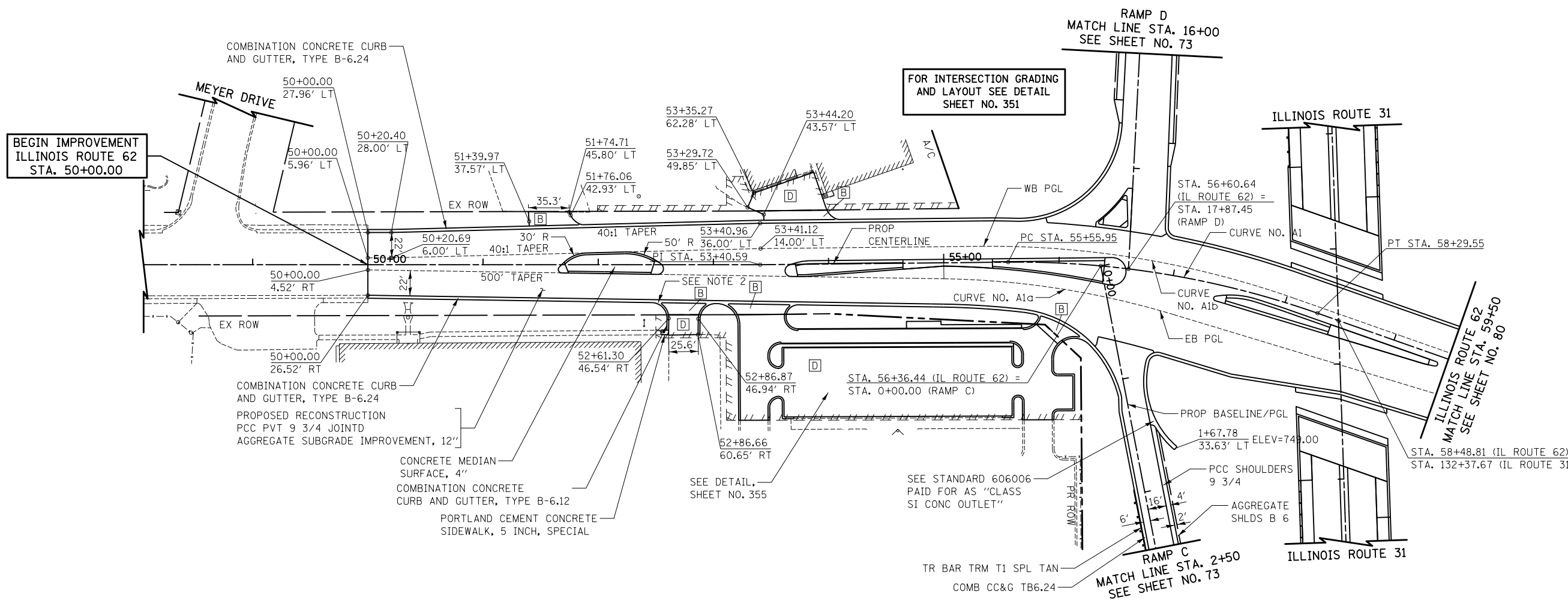
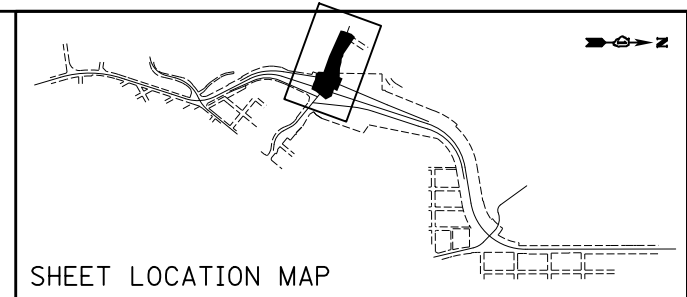
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN		O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1" = 50'	SHEET NO. 10 OF 15 SHEETS	0003	18A-2	MCHENRY	825	78
STA. 209+97.84 TO STA. 221+08.00		CONTRACT NO. 60F72				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTE:

- FOR STATIONS, OFFSETS, RADII, DIMENSIONS, AND TAPERS IN THE INTERSECTION OF ALGONQUIN ROAD AND RAMPS C AND D, SEE SHEET NO. 351.
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.



**LEGEND**

- |  |  |
|--|--|
| <p><b>[A]</b> RESIDENTIAL PCC DRIVEWAY<br/>-PCC DRIVEWAY PAVEMENT, 6"<br/>-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p> <p><b>[B]</b> COMMERCIAL PCC DRIVEWAY<br/>-PCC DRIVEWAY PAVEMENT, 8"<br/>-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p> | <p><b>[C]</b> RESIDENTIAL HMA DRIVEWAY<br/>-2" HMA SURFACE COURSE, MIX D, N50<br/>-2 1/4" HMA BASE COURSE<br/>-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"</p> <p><b>[D]</b> COMMERCIAL HMA DRIVEWAY OR PARKING LOT<br/>-2" HMA SURFACE COURSE, MIX D, N50<br/>-2 1/4" HMA BASE COURSE<br/>-SUB-BASE GRANULAR MATERIAL, TYPE B, 10"</p> |
|--|--|

- |   |   |   |
|---|---|---|
| <p>PROP CURVE NO. A1<br/>PI STA. = 56+94.15<br/><math>\Delta = 19^\circ 57' 21.30''</math> (RT)<br/>R = 785.54'<br/>T = 138.20'<br/>L = 273.60'<br/>E = 12.06'<br/><math>\theta = 2.00\%</math><br/>P.C. STA. = 55+55.95<br/>P.T. STA. = 58+29.55</p> | <p>PROP CURVE NO. A1a<br/><math>\Delta = 15^\circ 55' 53''</math><br/>R = 727.00'<br/>T = 101.73'<br/>L = 202.15'<br/>E = 7.08'<br/>P.C. STA. = 55+00.00, 13.88' RT<br/>P.T. STA. = 57+05.99, 33.27' RT</p> | <p>PROP CURVE NO. A1b<br/><math>\Delta = 19^\circ 57' 21''</math><br/>R = 794.00'<br/>T = 139.69'<br/>L = 276.55'<br/>E = 12.19'<br/>P.C. STA. = 55+32.02, 14.00' LT<br/>P.T. STA. = 58+05.34, 5.88' LT</p> |
|---|---|---|

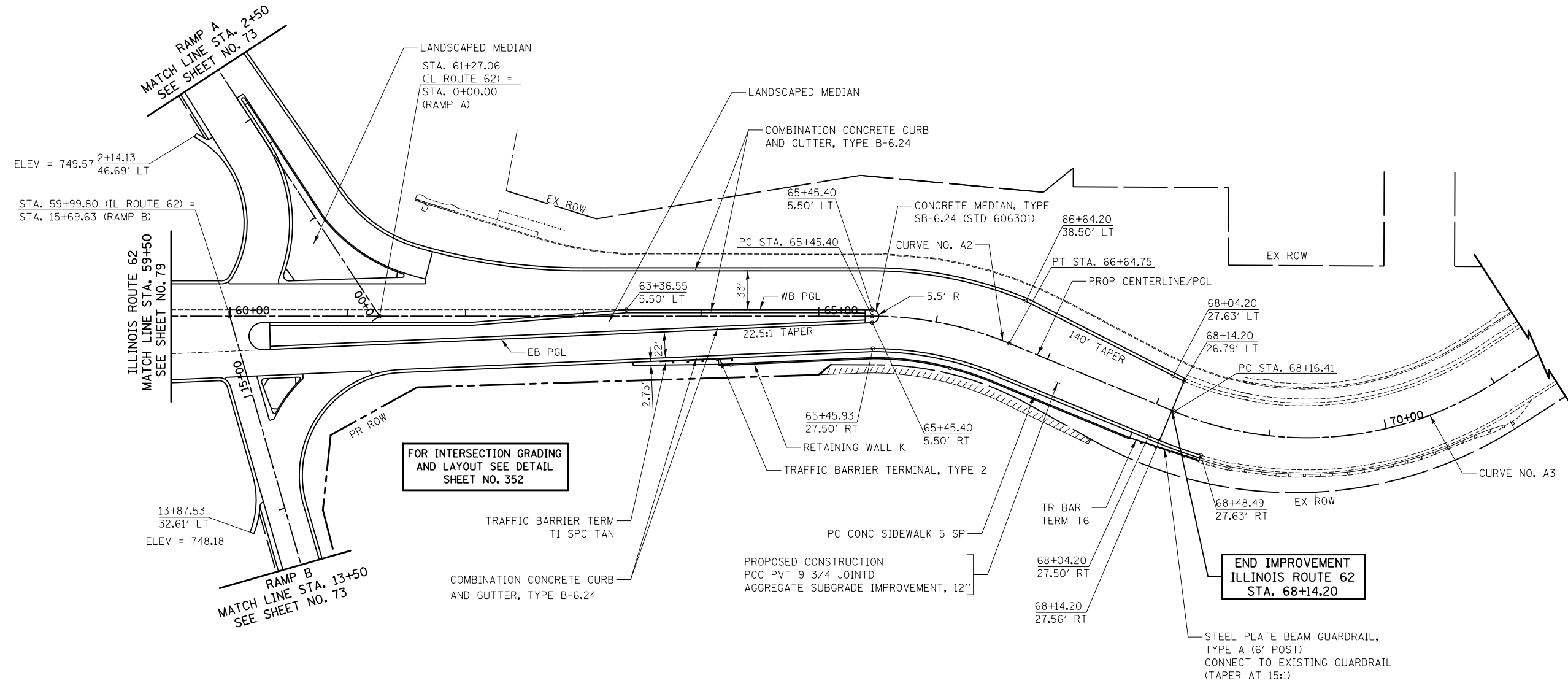
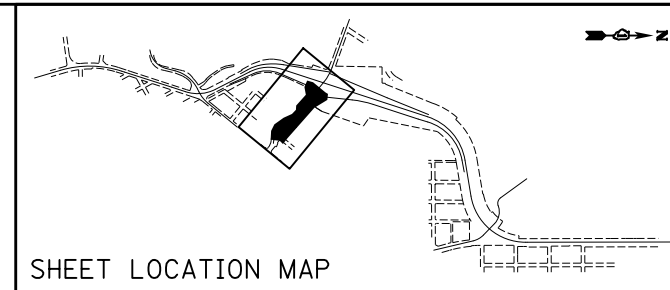


ILLINOIS ROUTE 62

FILE NAME = ... \D160F72-shr-pln-10.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 79
PLOT SCALE = 100.0000' / in.				SCALE: 1" = 50'	SHEET NO. 11 OF 15 SHEETS	STA. 50+00	TO STA. 59+50	<b>CONTRACT NO. 60F72</b>		
PLOT DATE = 5/2/2012				DATE - 5/3/2012	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

NOTES:

- FOR STATIONS, OFFSETS, RADII, DIMENSIONS, AND TAPERS IN THE INTERSECTION OF ALGONQUIN ROAD AND RAMPS A AND B, SEE SHEET NO. 352.



FOR INTERSECTION GRADING AND LAYOUT SEE DETAIL SHEET NO. 352

END IMPROVEMENT ILLINOIS ROUTE 62 STA. 68+14.20

PROP. CURVE NO. A2 PI STA. = 66+05.85 $\Delta = 22^\circ 25' 15.23''$ (RT) R = 305.00' T = 60.45' L = 119.35' E = 5.93' e = 2.00% P.C. STA. = 65+45.40 P.T. STA. = 66+64.75	PROP. CURVE NO. A3 PI STA. = 69+70.71 $\Delta = 55^\circ 11' 27.92''$ (LT) R = 295.20' T = 154.30' L = 284.36' E = 37.89' e = 2.00% P.C. STA. = 68+16.41 P.T. STA. = 71+00.77
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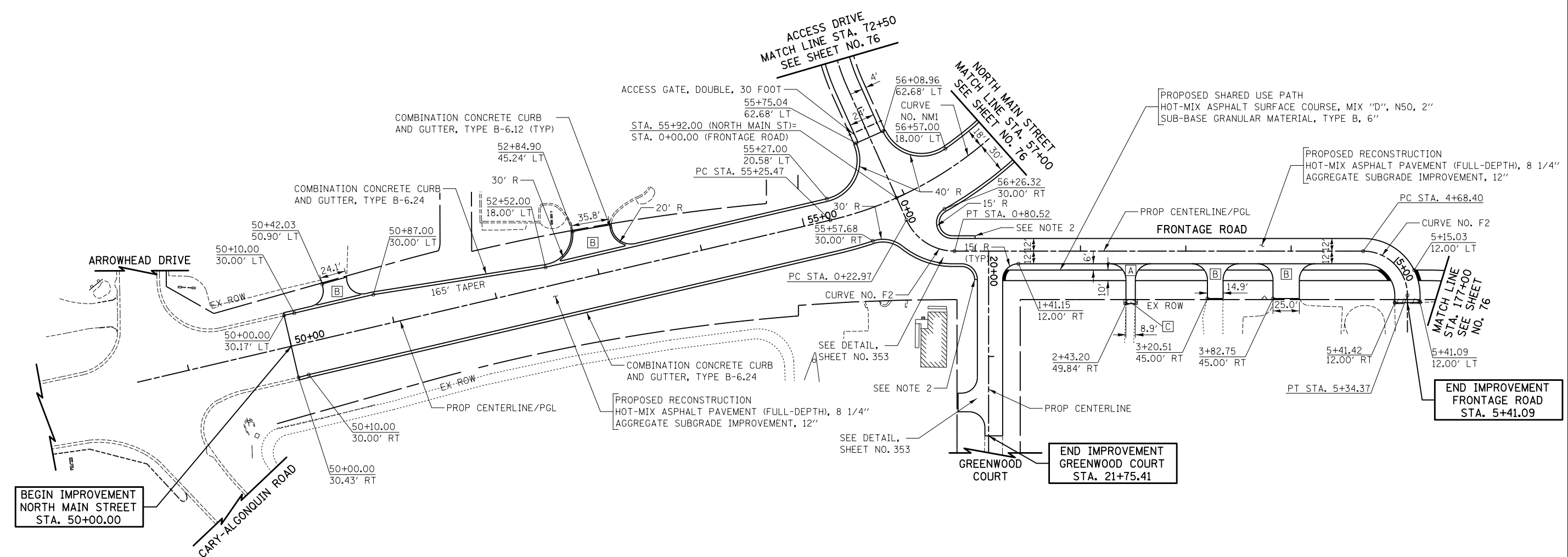
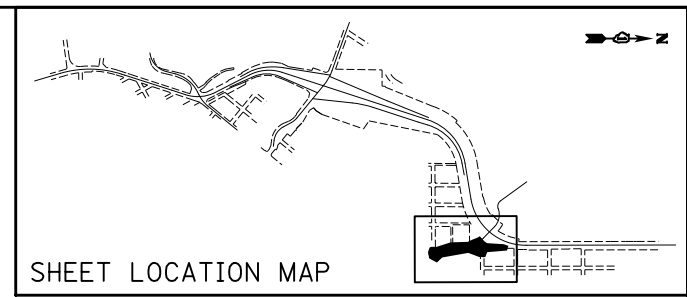


ILLINOIS ROUTE 62

FILE NAME = ... \D160F72-shr-pln-11.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 80	
PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISIED -	SCALE: 1" = 50'			SHEET NO. 13 OF 15 SHEETS	STA. 59+50 TO STA. 68+14.20	CONTRACT NO. 60F72			
PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISIED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

NOTES:

- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.
- TRANSITION CURB HEIGHT FROM 6" TO 0" OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".



**LEGEND**

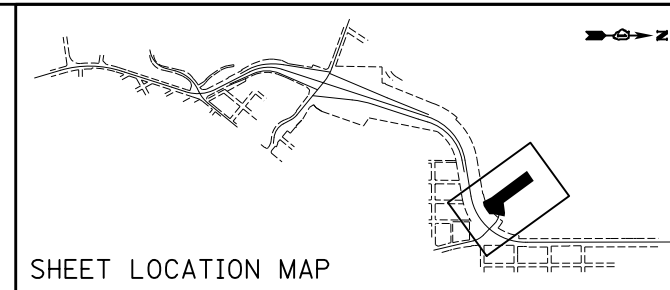
- [A]** RESIDENTIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 6"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [B]** COMMERCIAL PCC DRIVEWAY  
-PCC DRIVEWAY PAVEMENT, 8"  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [C]** RESIDENTIAL HMA DRIVEWAY  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- [D]** COMMERCIAL HMA DRIVEWAY OR PARKING LOT  
-2" HMA SURFACE COURSE, MIX D, N50  
-2 1/4" HMA BASE COURSE  
-SUB-BASE GRANULAR MATERIAL, TYPE B, 10"

PROP CURVE NO. NM1 PI STA. = 56+27.42 $\Delta = 32^\circ 28' 49.76''$ (LT) R = 350.01' T = 101.96' L = 198.42' E = 14.55' e = N.C. P.C. STA. = 55+25.47 P.T. STA. = 57+23.89	PROP CURVE NO. F1 PI STA. = 0+55.41 $\Delta = 65^\circ 56' 26.59''$ (LT) R = 50.00' T = 32.43' L = 57.54' E = 9.60' e = N.C. P.C. STA. = 0+22.97 P.T. STA. = 0+80.52	PROP CURVE NO. F2 PI STA. = 5+10.40 $\Delta = 90^\circ 00' 00.00''$ (RT) R = 42.00' T = 42.00' L = 65.97' E = 17.40' e = N.C. P.C. STA. = 4+68.40 P.T. STA. = 5+34.37
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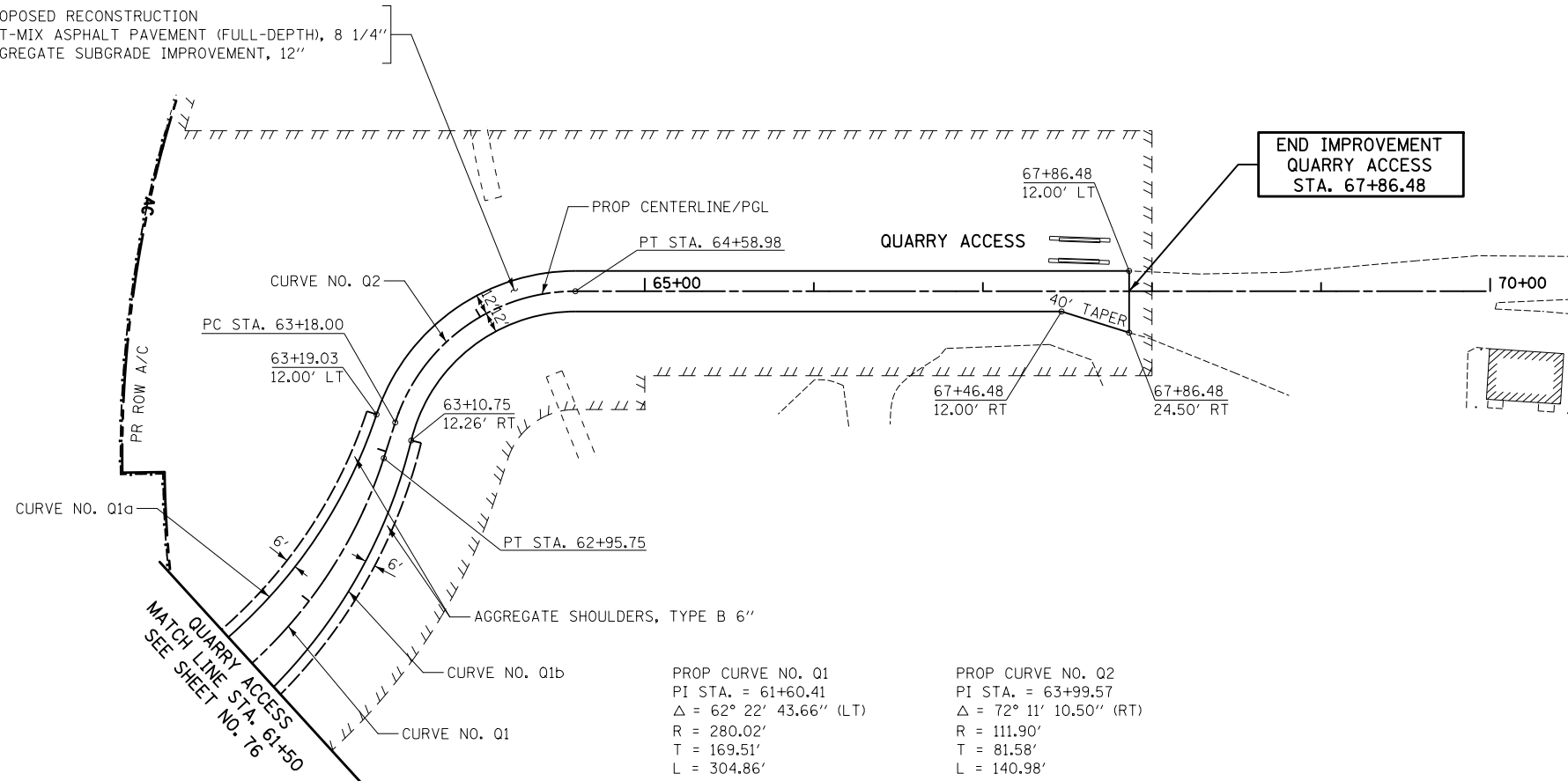
**NORTH MAIN STREET  
FRONTAGE ROAD  
GREENWOOD COURT**



FILE NAME = ... \D160F72-shd-pln-12.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. = 0003	SECTION = 18A-2	COUNTY = MCHENRY	TOTAL SHEETS = 825	SHEET NO. = 81		
PLOT SCALE = 100.0000' / in.	CHECKED - GAB	DATE = 5/3/2012	REVISED -			SCALE: 1" = 50'	SHEET NO. 13 OF 15 SHEETS	STA. 50+00	TO STA. 57+00	<b>CONTRACT NO. 60F72</b>		
PLOT DATE = 5/2/2012	DATE = 5/3/2012	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



PROPOSED RECONSTRUCTION  
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/4"  
AGGREGATE SUBGRADE IMPROVEMENT, 12"



PROP CURVE NO. Q1  
PI STA. = 61+60.41  
 $\Delta = 62^\circ 22' 43.66''$  (LT)  
R = 280.02'  
T = 169.51'  
L = 304.86'  
E = 47.31'  
e = N.C.  
P.C. STA. = 59+90.89  
P.T. STA. = 62+95.75

PROP CURVE NO. Q2  
PI STA. = 63+99.57  
 $\Delta = 72^\circ 11' 10.50''$  (RT)  
R = 111.90'  
T = 81.58'  
L = 140.98'  
E = 26.58'  
e = N.C.  
P.C. STA. = 63+18.00  
P.T. STA. = 64.58.98

PROP CURVE NO. Q1a  
 $\Delta = 61^\circ 51' 07''$   
R = 300.00'  
T = 179.73'  
L = 323.86'  
E = 49.72'  
P.C. STA. = 59+74.69, 18.00' LT  
P.T. STA. = 63+19.03, 12.00' LT

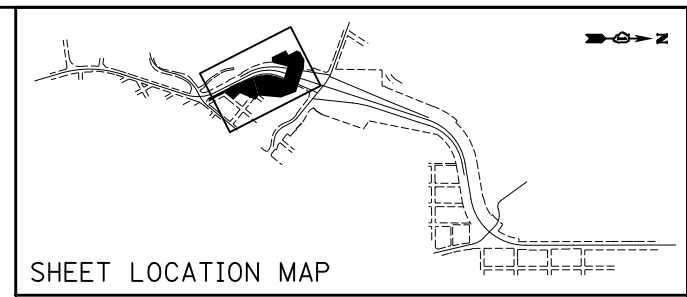
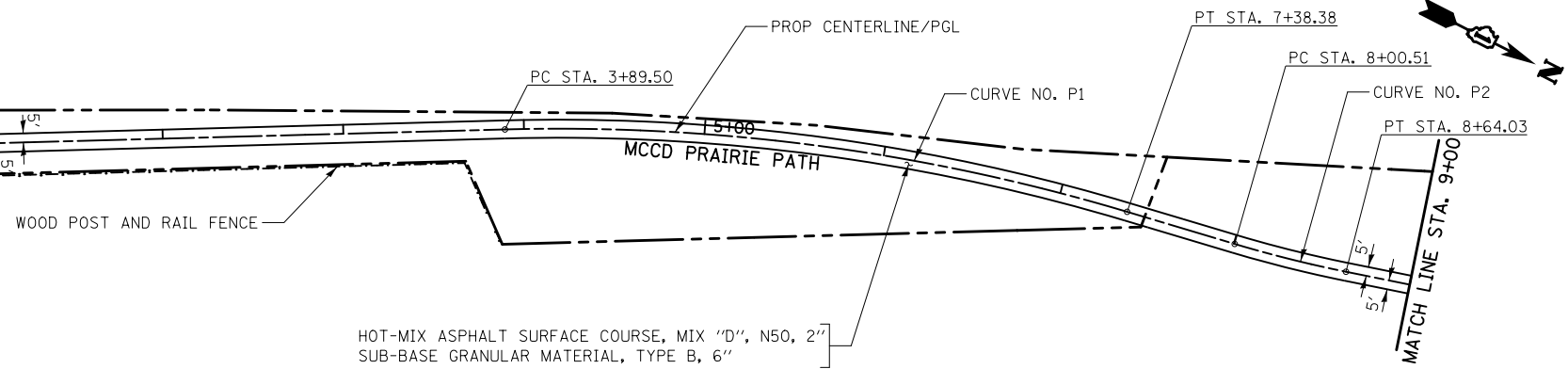
PROP CURVE NO. Q1b  
 $\Delta = 58^\circ 47' 50''$   
R = 312.00'  
T = 175.79'  
L = 320.18'  
E = 46.12'  
P.C. STA. = 60+10.69, 27.92' RT  
P.T. STA. = 63+10.75, 12.26' RT



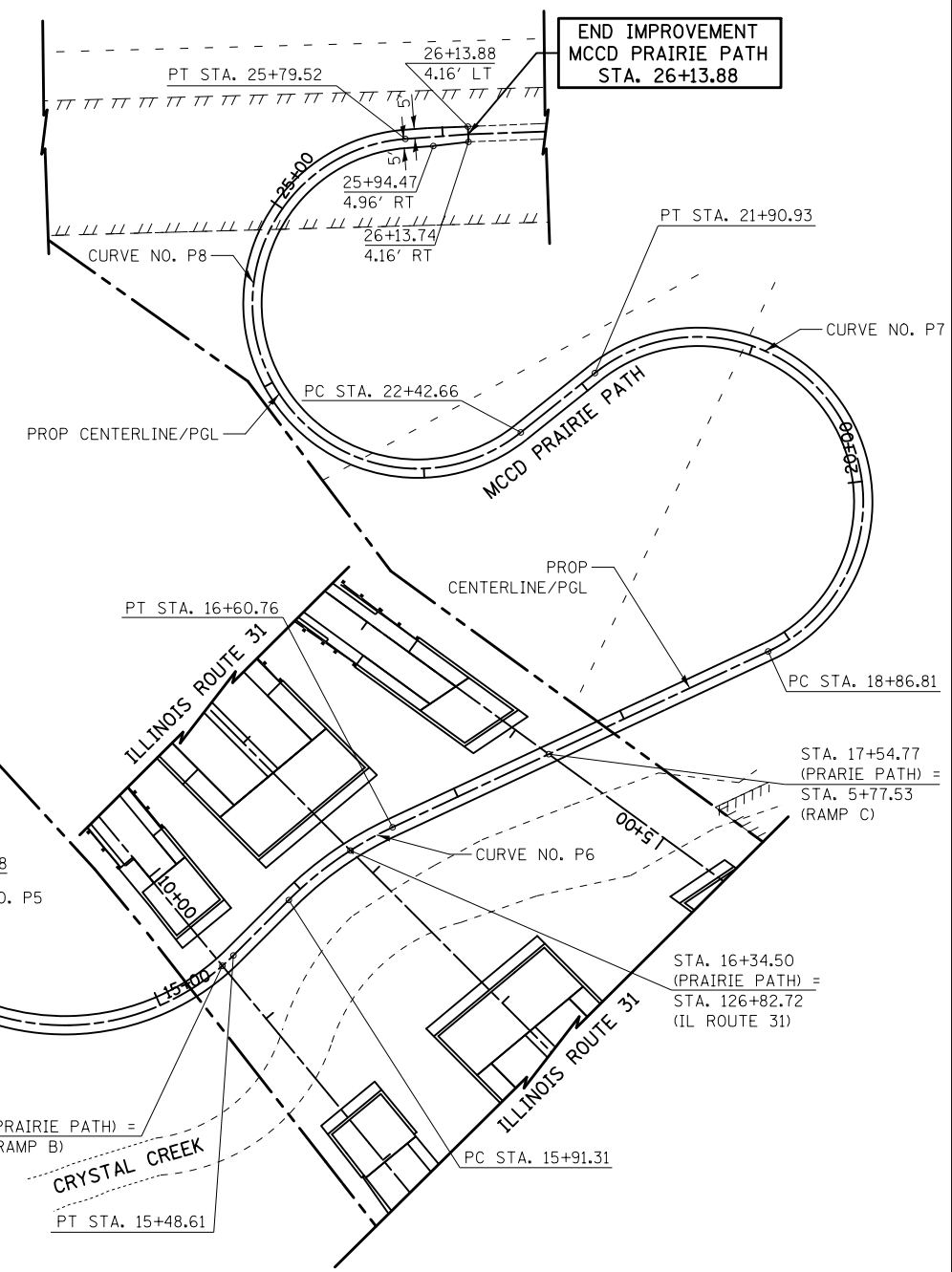
QUARRY ACCESS

FILE NAME = ... \D160F72-sht-pln-13.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 82
	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -			SCALE: 1" = 50'	SHEET NO. 14 OF 15 SHEETS	STA. 61+50 TO STA. 67+86.48	<b>CONTRACT NO. 60F72</b>	
PLOT DATE = 5/2/2012	DATE = 5/3/2012	DATE = 5/3/2012	REVISED -	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT						

MCCD PRAIRIE PATH  
MATCH LINE STA. 0+75  
SEE SHEET NO. 78



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
SUB-BASE GRANULAR MATERIAL, TYPE B, 6"



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
SUB-BASE GRANULAR MATERIAL, TYPE B, 6"

END IMPROVEMENT  
MCCD PRAIRIE PATH  
STA. 26+13.88

<p>PROP. CURVE NO. P1 PI STA. = 5+65.42 Δ = 18° 10' 20.00" (RT) R = 1100.00' T = 175.92' L = 348.88' E = 13.98' e = 2.00% P.C. STA. = 3+89.50 P.T. STA. = 7+38.38</p>	<p>PROP. CURVE NO. P2 PI STA. = 8+32.29 Δ = 5° 11' 56.00" (LT) R = 700.00' T = 31.78' L = 63.52' E = 0.72' e = 2.00% P.C. STA. = 8+00.51 P.T. STA. = 8+64.03</p>	<p>PROP. CURVE NO. P3 PI STA. = 10+41.84 Δ = 26° 59' 08.00" (RT) R = 500.00' T = 119.97' L = 235.49' E = 14.14' e = 2.00% P.C. STA. = 9+21.86 P.T. STA. = 11+57.36</p>	<p>PROP. CURVE NO. P4 PI STA. = 12+43.38 Δ = 27° 43' 07.00" (RT) R = 100.00' T = 24.67' L = 48.38' E = 3.00' e = 2.00% P.C. STA. = 12+18.70 P.T. STA. = 12+67.08</p>
<p>PROP. CURVE NO. P5 PI STA. = 14+86.07 Δ = 111° 07' 21.00" (LT) R = 130.00' T = 189.59' L = 252.13' E = 99.87' e = 2.00% P.C. STA. = 12+96.48 P.T. STA. = 15+48.61</p>	<p>PROP. CURVE NO. P6 PI STA. = 16+26.39 Δ = 19° 53' 40.97" (RT) R = 200.00' T = 35.08' L = 69.45' E = 3.05' e = 2.00% P.C. STA. = 15+91.31 P.T. STA. = 16+60.76</p>	<p>PROP. CURVE NO. P7 PI STA. = 26+41.24 Δ = 193° 36' 21.40" (LT) R = 90.00' T = 754.43' L = 304.12' E = 849.78' e = -2.00% P.C. STA. = 18+86.81 P.T. STA. = 21+90.93</p>	<p>PROP. CURVE NO. P8 PI STA. = 25+32.94 Δ = 214° 27' 06.85" (RT) R = 90.00' T = 290.28' L = 336.86' E = 393.91' e = 2.00% P.C. STA. = 22+42.66 P.T. STA. = 25+79.52</p>

STA. 15+40.37 (PRAIRIE PATH) =  
STA. 10+62.62 (RAMP B)

STA. 17+54.77 (PRAIRIE PATH) =  
STA. 5+77.53 (RAMP C)

STA. 16+34.50 (PRAIRIE PATH) =  
STA. 126+82.72 (IL ROUTE 31)



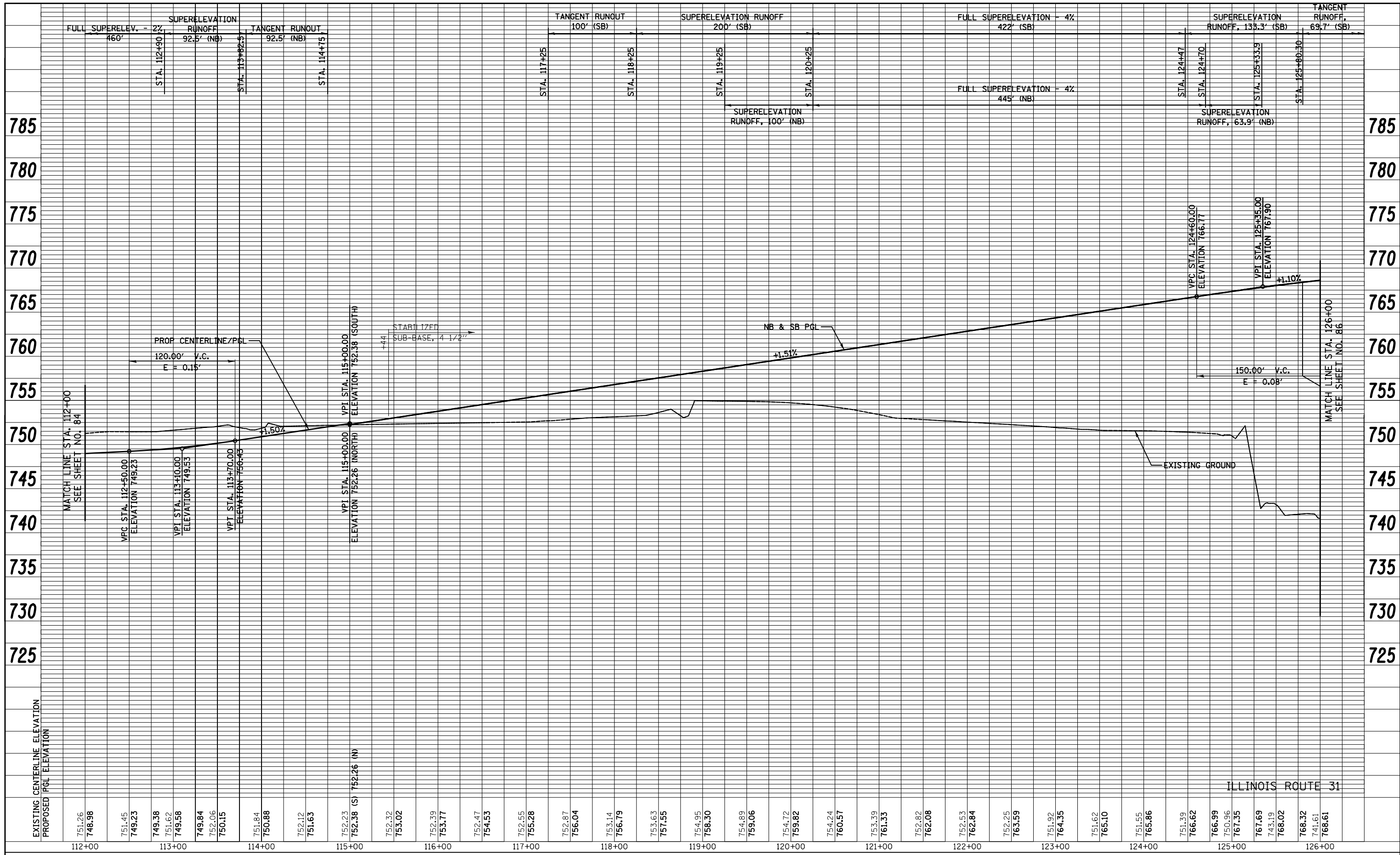
MCCD PRAIRIE PATH

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PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISIED -	SCALE: 1" = 50'			SHEET NO. 15 OF 15 SHEETS	STA. 3+00 TO STA. 26+13.88	CONTRACT NO. 60F72			
PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISIED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

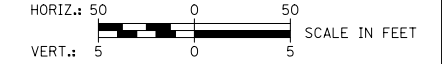


PLAN SURVEYED PLOTTED  
 NOTE BOOK NO. \_\_\_\_\_  
 ALIGNMENT CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

PROFILE SURVEYED PLOTTED  
 GRADES CHECKED BY \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



EXISTING CENTERLINE ELEVATION	PROPOSED P&L ELEVATION	STATION
751.26	748.98	112+00
751.45	749.23	113+00
749.38	749.58	113+00
751.62	749.58	113+00
749.84	750.15	114+00
752.06	750.15	114+00
751.84	750.88	114+00
752.12	751.63	115+00
752.23	752.38 (S)	115+00
752.32	753.02	116+00
752.39	753.77	116+00
752.47	754.53	117+00
752.55	755.28	117+00
752.87	756.04	118+00
753.14	756.79	118+00
753.63	757.55	119+00
754.95	758.30	119+00
754.89	759.06	120+00
754.72	759.82	120+00
754.24	760.57	121+00
753.39	761.33	121+00
752.82	762.08	122+00
752.53	762.84	122+00
752.25	763.59	123+00
751.92	764.35	123+00
751.62	765.10	124+00
751.55	765.86	124+00
751.39	766.62	125+00
750.96	766.99	125+00
767.35	767.35	125+00
767.69	768.02	126+00
768.02	768.02	126+00
768.32	768.61	126+00
741.61	768.61	126+00



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PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -
PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

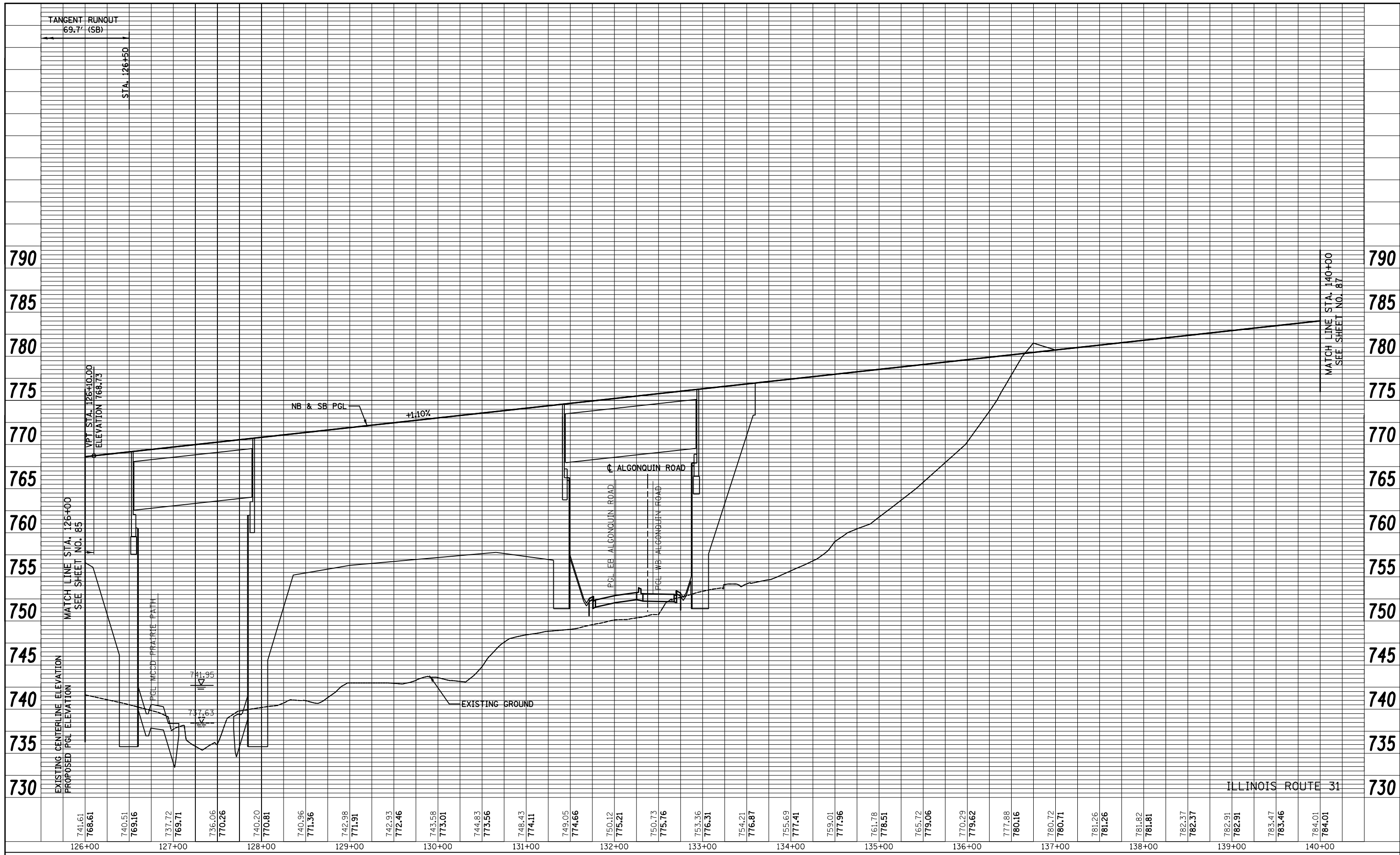
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROFILE**  
 SCALE: SHEET NO. 2 OF 19 SHEETS STA. 112+00 TO STA. 126+00

O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 85
CONTRACT NO. 60F72			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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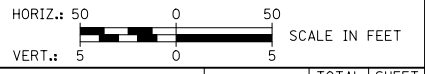
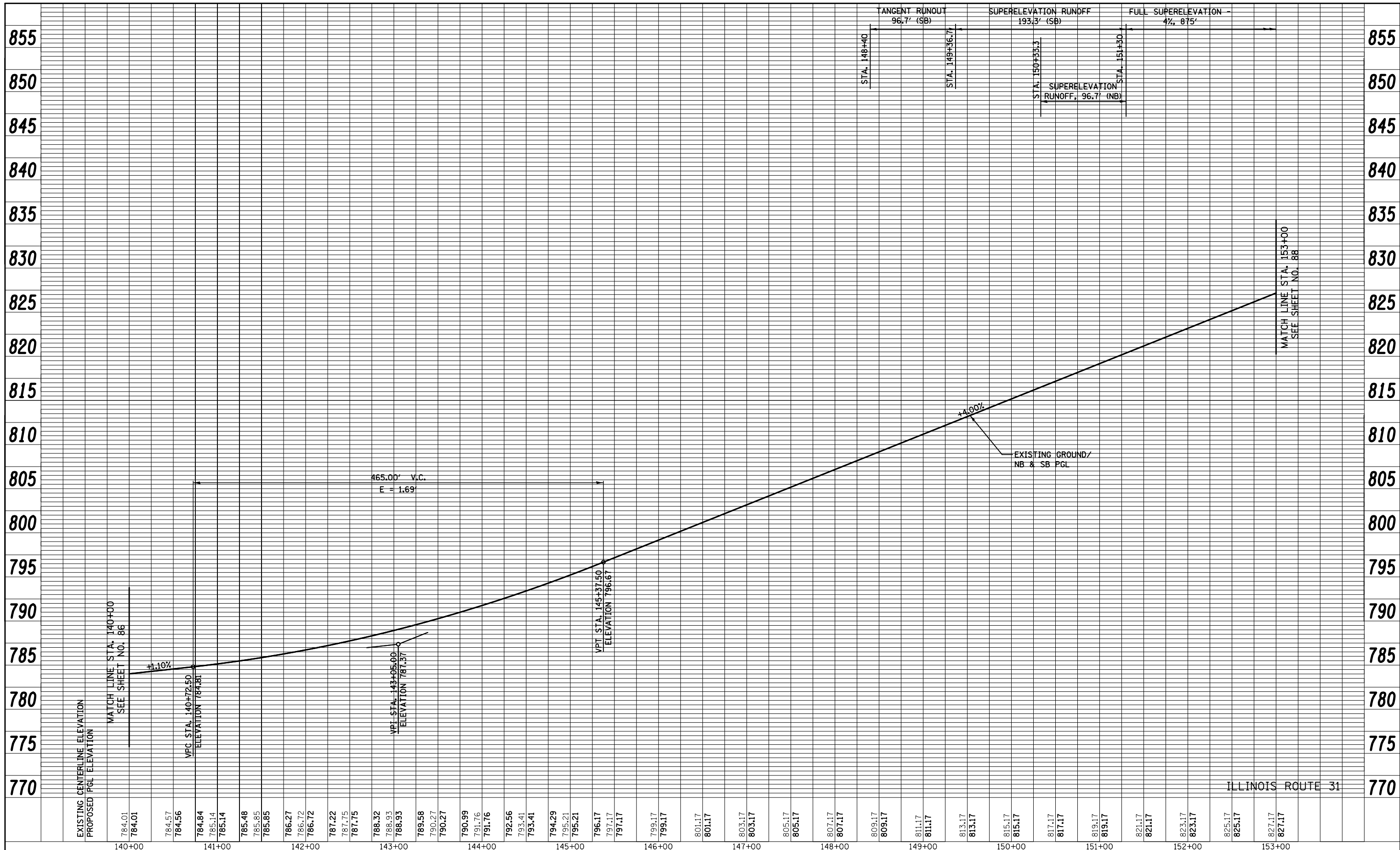
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



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	PLOT SCALE = 100.0000' / in.	DRAWN - AKW	REVISED -			O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 86
	PLOT DATE = 5/2/2012	CHECKED - GAB	REVISED -			<b>CONTRACT NO. 60F72</b>				
		DATE - 5/3/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CAD FILE NAME		
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHECKED		
	NO.		



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DESIGNED -	CTB
REVISOR -	
DRAWN -	AKW
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DATE -	5/3/2012
REVISOR -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

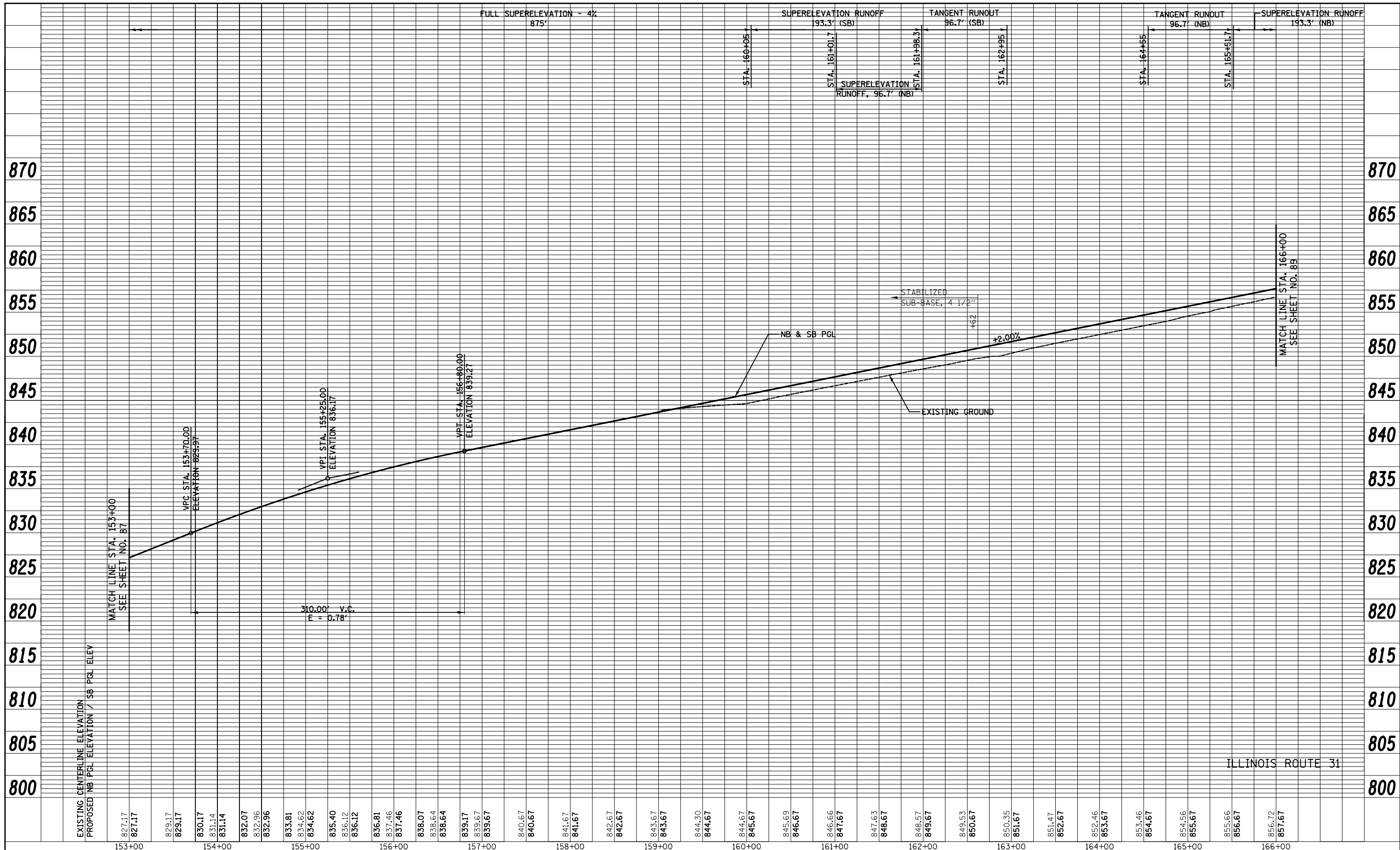
**PROFILE**

SCALE: SHEET NO. 4 OF 19 SHEETS STA. 140+00 TO STA. 153+00

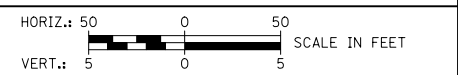
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	87
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHECKED		



EXISTING CENTERLINE ELEVATION	PROPOSED NB PCL ELEVATION / SB PCL ELEV
827.17	827.17
829.17	829.17
830.17	830.17
831.14	831.14
831.14	831.14
832.07	832.07
832.96	832.96
832.96	832.96
833.81	833.81
834.62	834.62
834.62	834.62
835.40	835.40
836.12	836.12
836.12	836.12
836.81	836.81
837.46	837.46
837.46	837.46
838.07	838.07
838.64	838.64
838.64	838.64
839.17	839.17
839.67	839.67
839.67	839.67
840.67	840.67
840.67	840.67
841.67	841.67
841.67	841.67
842.67	842.67
842.67	842.67
843.67	843.67
843.67	843.67
844.30	844.30
844.67	844.67
845.67	845.67
845.67	845.67
846.67	846.67
846.66	846.66
847.67	847.67
848.67	848.67
848.57	848.57
849.67	849.67
849.53	849.53
850.67	850.67
850.35	850.35
851.67	851.67
851.47	851.47
852.67	852.67
852.46	852.46
853.67	853.67
853.46	853.46
854.67	854.67
854.56	854.56
855.67	855.67
855.66	855.66
856.67	856.67
856.72	856.72
857.67	857.67



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		DATE -	REVISED -
		5/2/2012	-

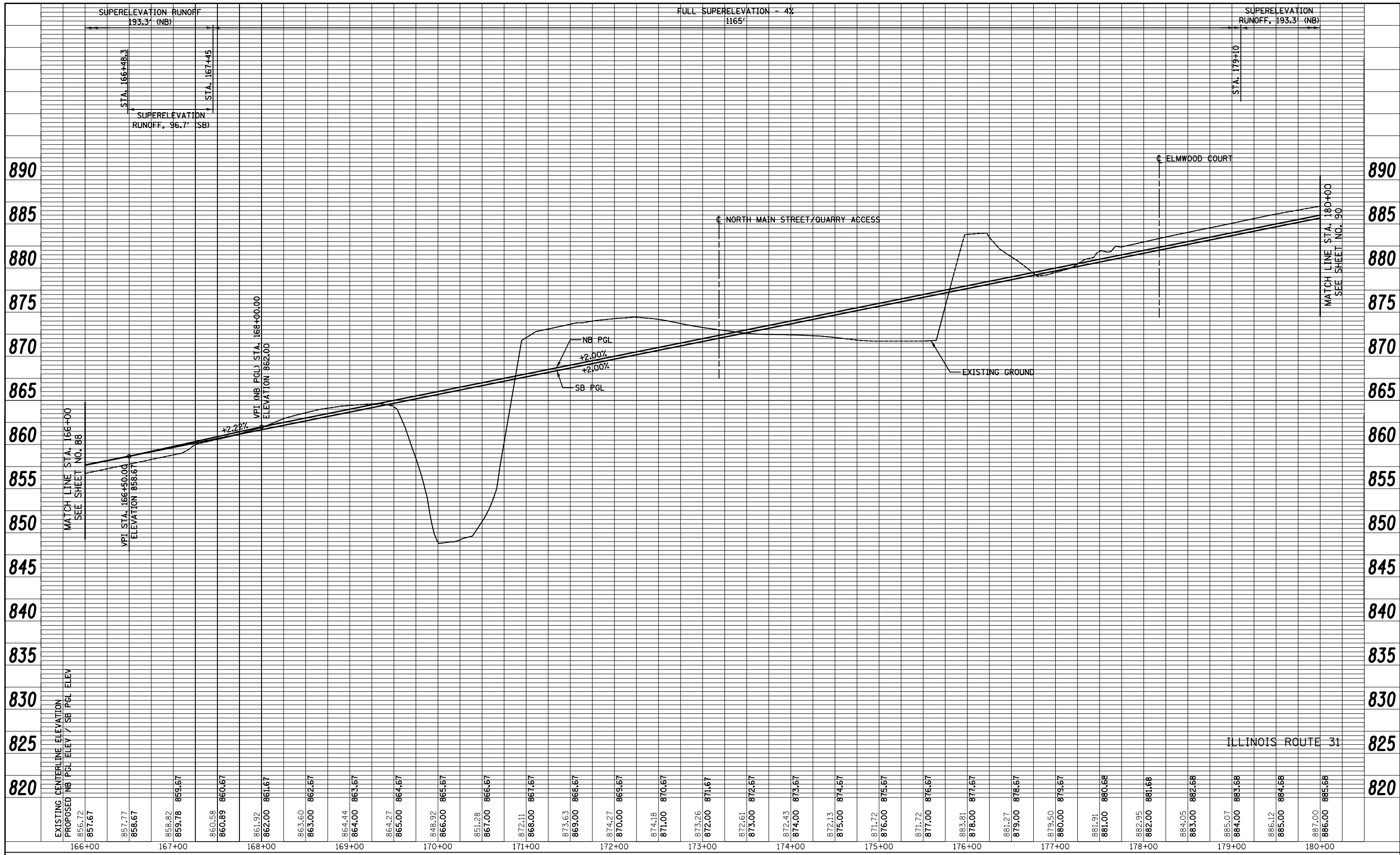
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROFILE</b>	
SCALE:	SHEET NO. 5 OF 19 SHEETS
	STA. 153+00 TO STA. 166+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	88
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		
	NO. _____		
	NO. _____		

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



EXISTING CENTERLINE ELEVATION	PROPOSED NB P&L ELEV / SB P&L ELEV
857.72	857.77
857.67	858.67
858.82	859.78
859.87	860.58
860.89	860.67
861.92	861.92
862.00	862.00
863.60	863.00
863.00	862.67
864.44	864.00
863.67	864.27
864.57	865.00
865.67	866.00
865.67	867.00
866.67	867.11
867.67	868.00
867.67	873.63
868.67	869.00
869.67	874.27
870.67	870.00
871.67	871.00
872.67	872.00
873.67	873.00
874.67	874.00
875.67	875.00
876.67	876.00
877.67	877.00
878.67	878.00
879.67	881.27
880.67	879.50
881.67	881.91
882.67	882.00
883.67	882.95
884.67	884.05
885.67	883.00
886.67	885.07
887.67	884.00
888.67	886.12
889.67	887.00
890.67	888.00

FILE NAME = ...\\D160F72-sht-prf-06.dgn

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 DRAWN - AKW  
 CHECKED - GAB  
 DATE - 5/3/2012

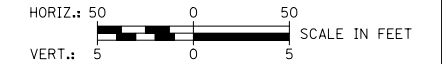
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROFILE**

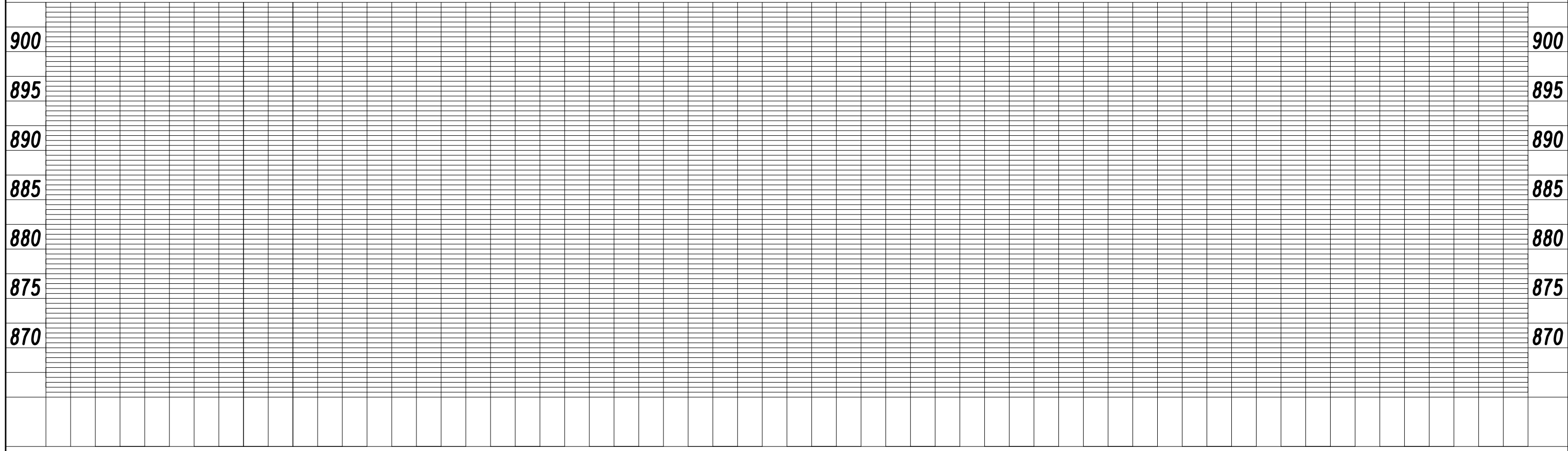
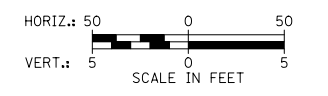
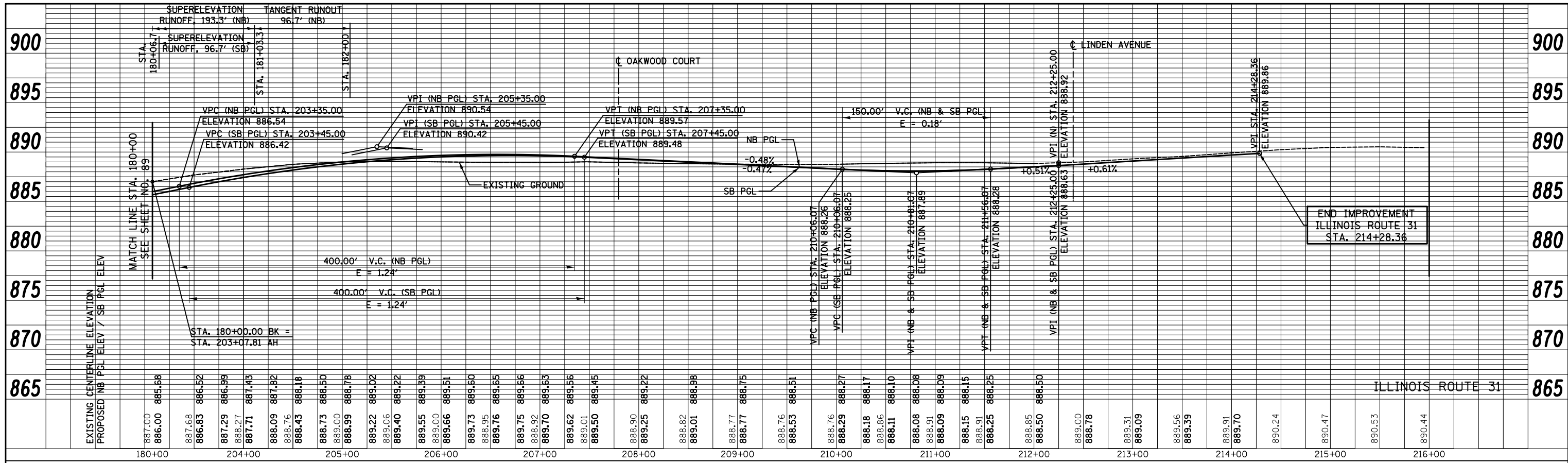
SCALE: SHEET NO. 6 OF 19 SHEETS STA. 166+00 TO STA. 180+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	89
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



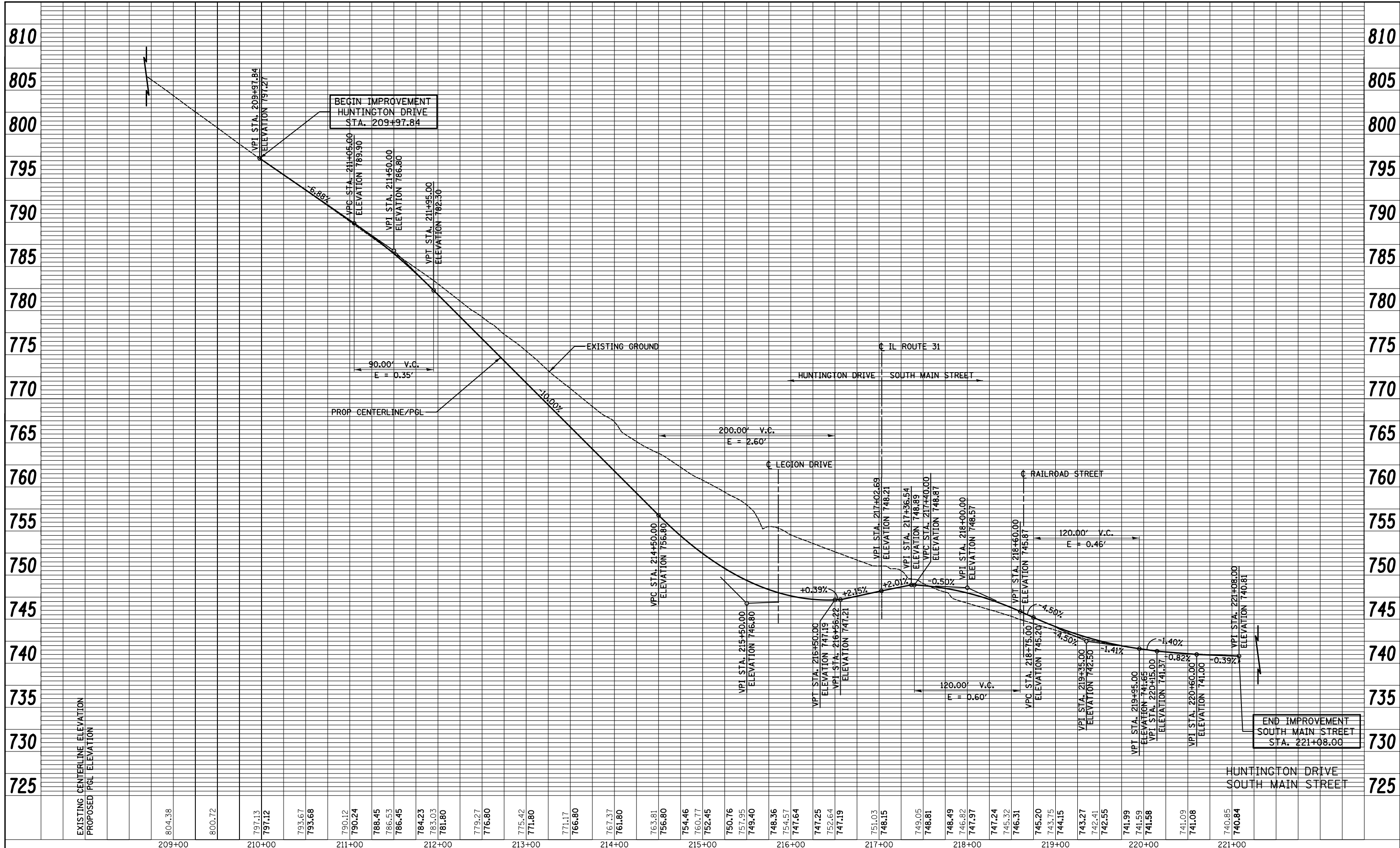
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 DATE \_\_\_\_\_

PROFILE SURVEYED PLOTTED  
 GRADES CHECKED BY \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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



810	810
805	805
800	800
795	795
790	790
785	785
780	780
775	775
770	770
765	765
760	760
755	755
750	750
745	745
740	740
735	735
730	730
725	725

804.38	800.72	797.13	797.12	793.67	793.68	790.12	790.24	788.45	786.53	786.45	784.23	783.03	781.80	779.27	776.80	775.42	771.80	771.17	766.80	767.37	761.80	763.81	756.80	754.46	760.77	752.45	750.76	757.95	749.40	748.36	754.57	747.64	747.25	752.64	747.19	751.03	748.15	749.05	748.81	748.49	746.82	747.97	747.24	745.32	746.31	745.20	743.75	744.15	743.27	742.41	742.55	741.99	741.59	741.58	741.09	741.08	740.85	740.84			
209+00	210+00	210+00	211+00	211+00	211+00	212+00	212+00	212+00	212+00	212+00	213+00	213+00	213+00	213+00	213+00	214+00	214+00	214+00	214+00	214+00	214+00	215+00	215+00	215+00	215+00	215+00	215+00	216+00	216+00	216+00	216+00	216+00	217+00	217+00	217+00	217+00	217+00	217+00	217+00	218+00	218+00	218+00	218+00	218+00	218+00	218+00	219+00	219+00	219+00	219+00	219+00	219+00	220+00	220+00	220+00	220+00	220+00	221+00	221+00	221+00	221+00



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	DATE - 5/3/2012	REVISED -

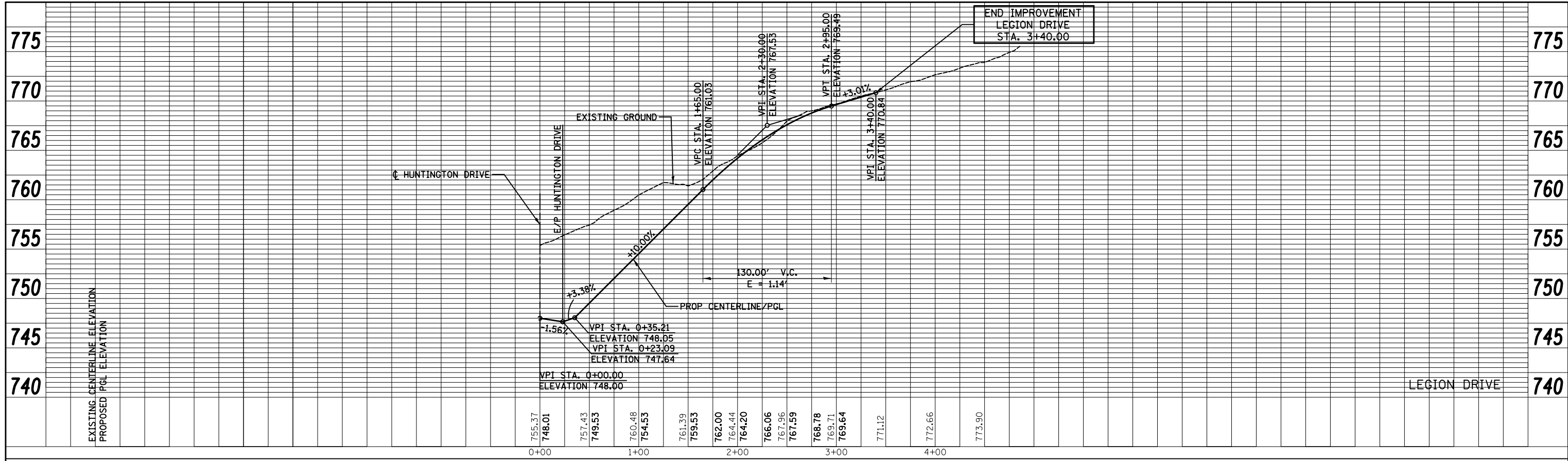
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 8 OF 19 SHEETS	STA. 209+97.84 TO STA. 219+97.37
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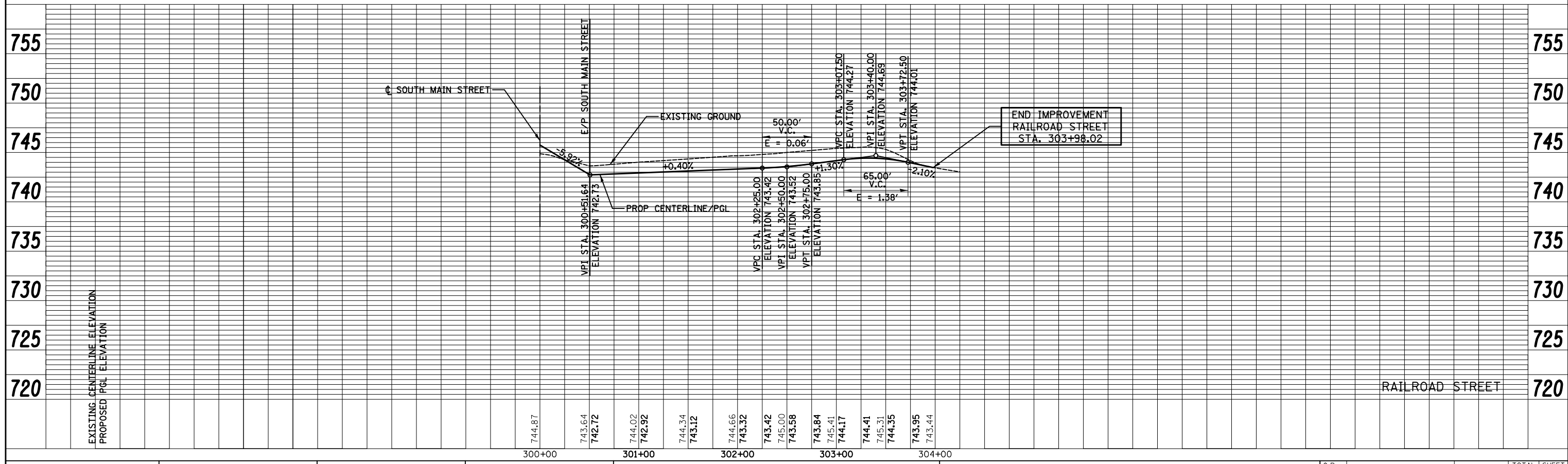
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	91
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	STRUCTURE NOTATIONS CHECKED	
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	CADD FILE NAME	



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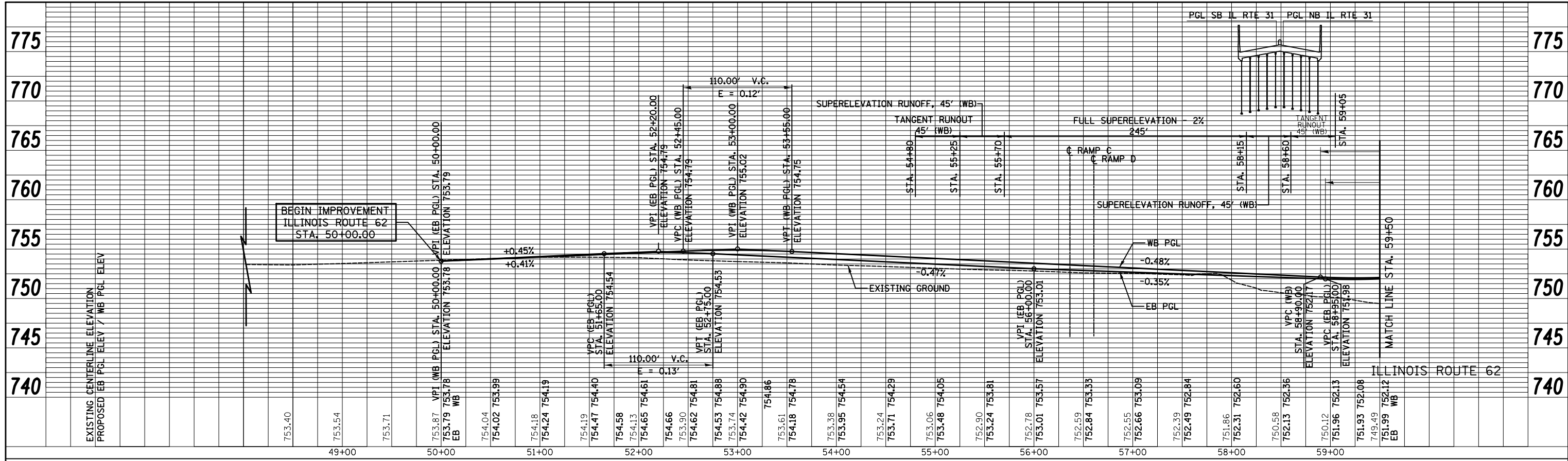
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PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

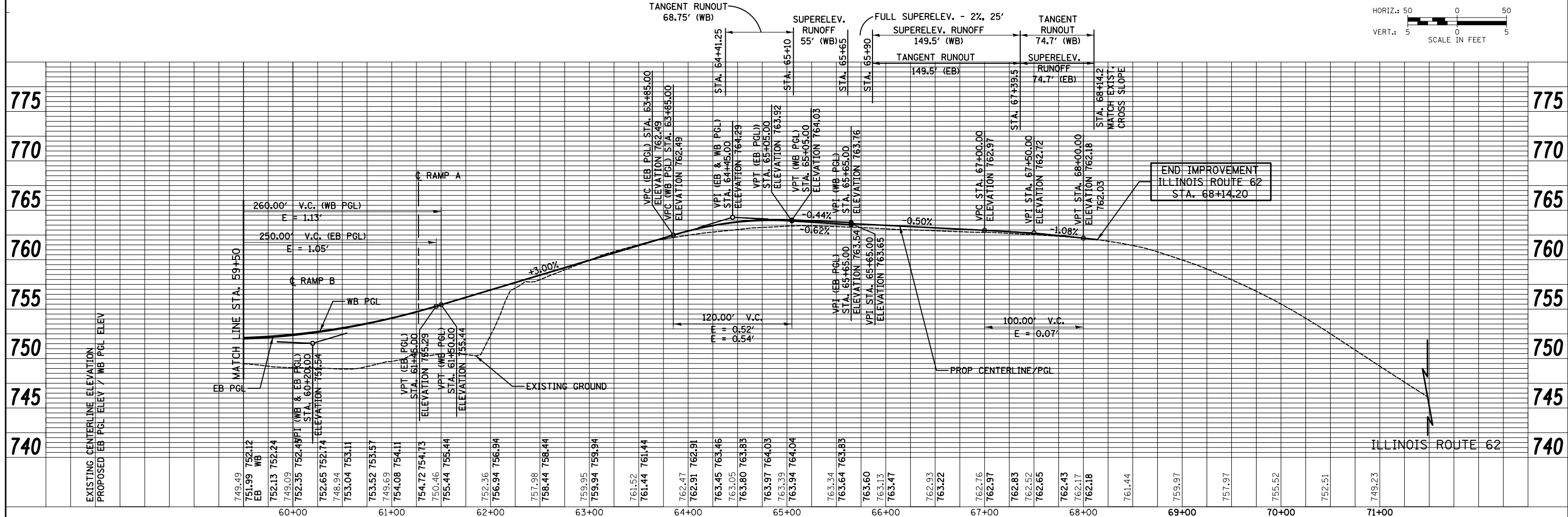
<b>PROFILE</b>	
SCALE:	SHEET NO. 9 OF 19 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	92
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
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PROFILE	SURVEYED	BY	DATE
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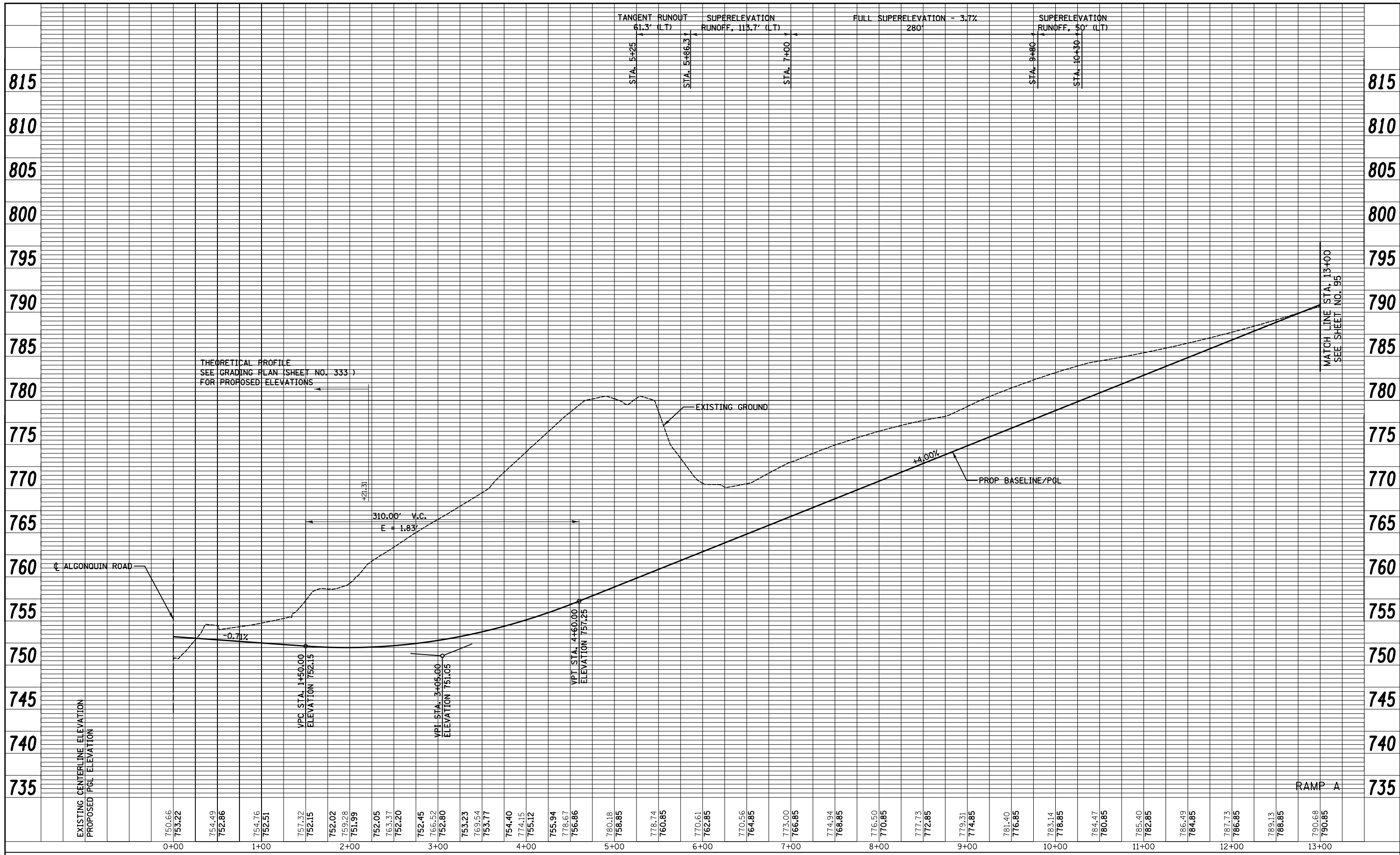


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...\\D160F72-sht-prf-10.dgn		DRAWN - AKW	REVISED -		SCALE:	SHEET NO. 10 OF 19 SHEETS	STA. 50+00	18A-2	MCHENRY	825	93
		CHECKED - GAB	REVISED -				TO STA. 68+14.20				
		DATE - 5/3/2012	REVISED -					CONTRACT NO. 60F72			

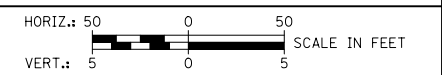
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

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



750.66	753.22	754.49	752.86	754.76	752.51	757.32	752.15	752.02	759.28	751.99	752.05	763.37	752.20	752.45	766.52	752.80	753.23	769.54	753.77	754.40	774.15	755.12	755.94	778.67	756.86	780.18	758.85	778.74	760.85	770.61	762.85	770.56	764.85	773.00	766.85	774.94	768.85	776.50	770.85	777.73	772.85	779.31	774.85	781.40	776.85	783.14	778.85	784.47	780.85	785.40	782.85	786.49	784.85	787.73	786.85	789.13	788.85	790.68	790.85
0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00																																														



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		5/2/2012	

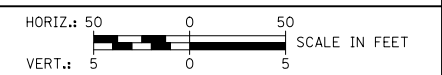
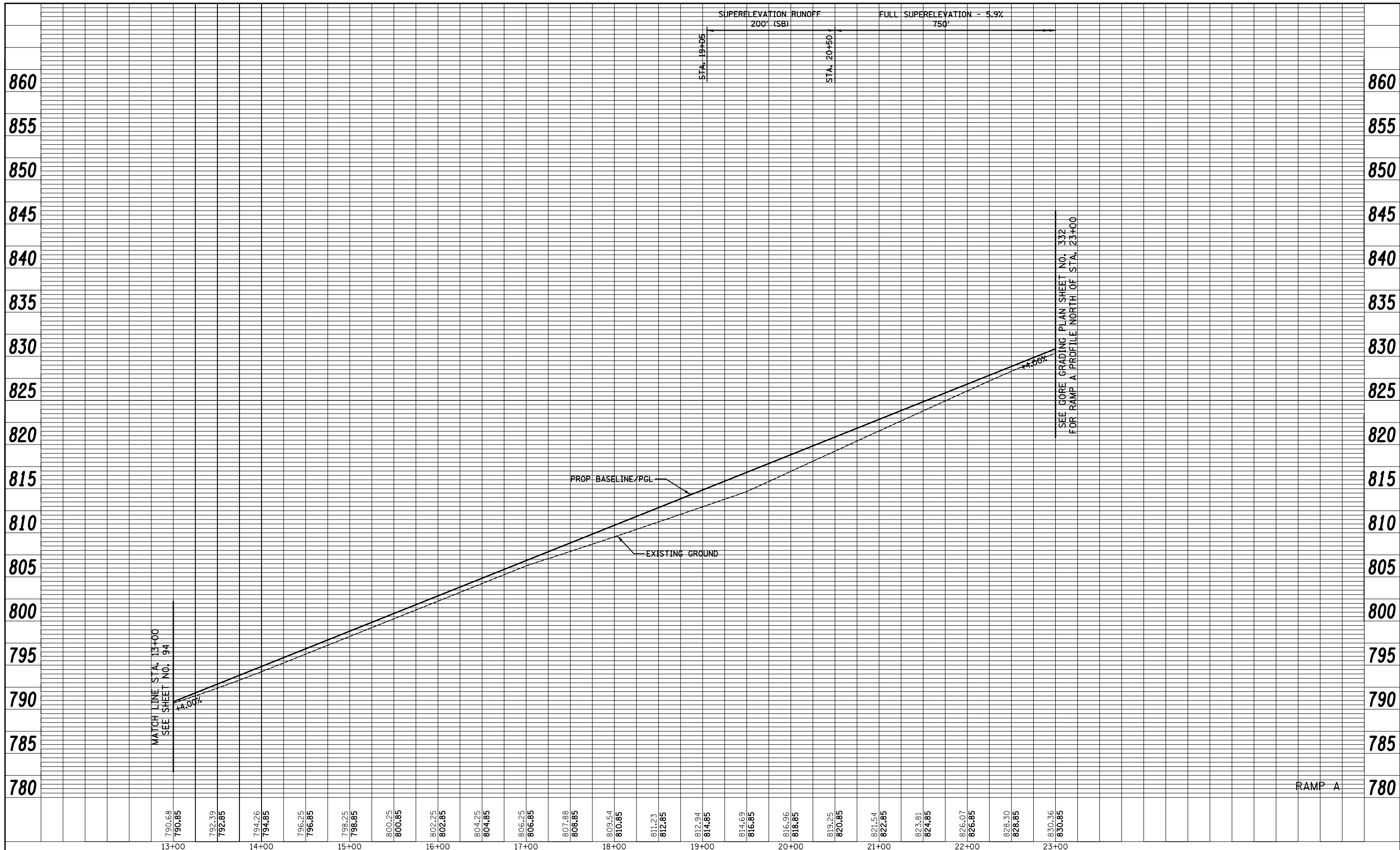
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 11 OF 19 SHEETS	STA. 0+00	TO STA. 13+00
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O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	94
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



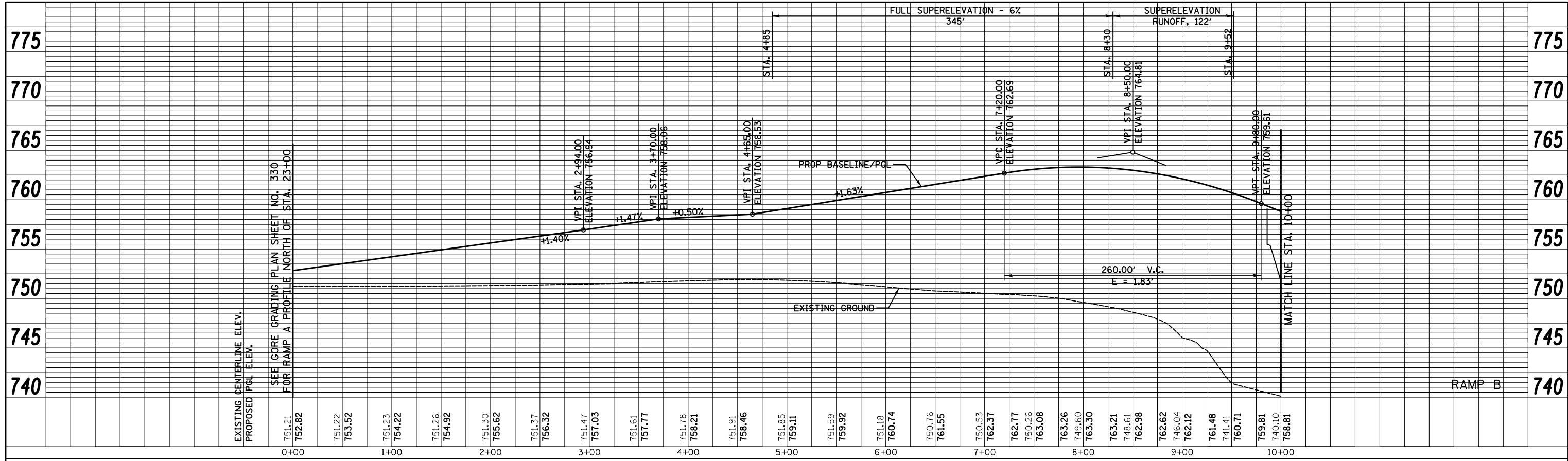
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

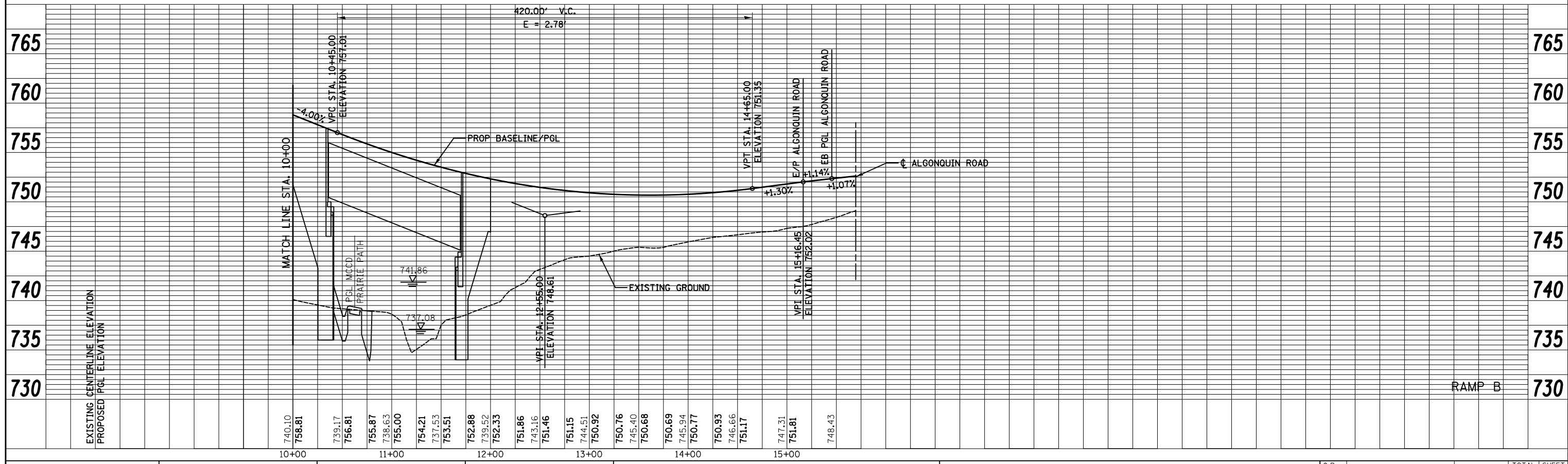
SCALE:	SHEET NO. 12 OF 19 SHEETS	STA. 13+00 TO STA. 23+00
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O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	95
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE		
	NOTATIONS CHECKED		



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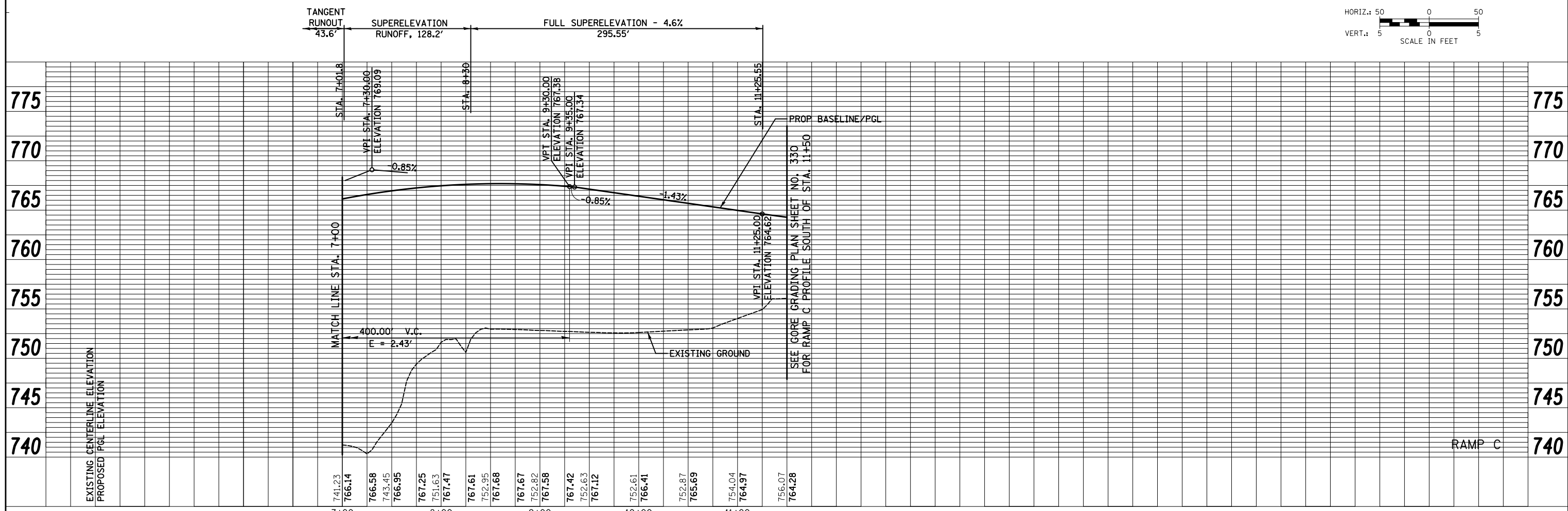
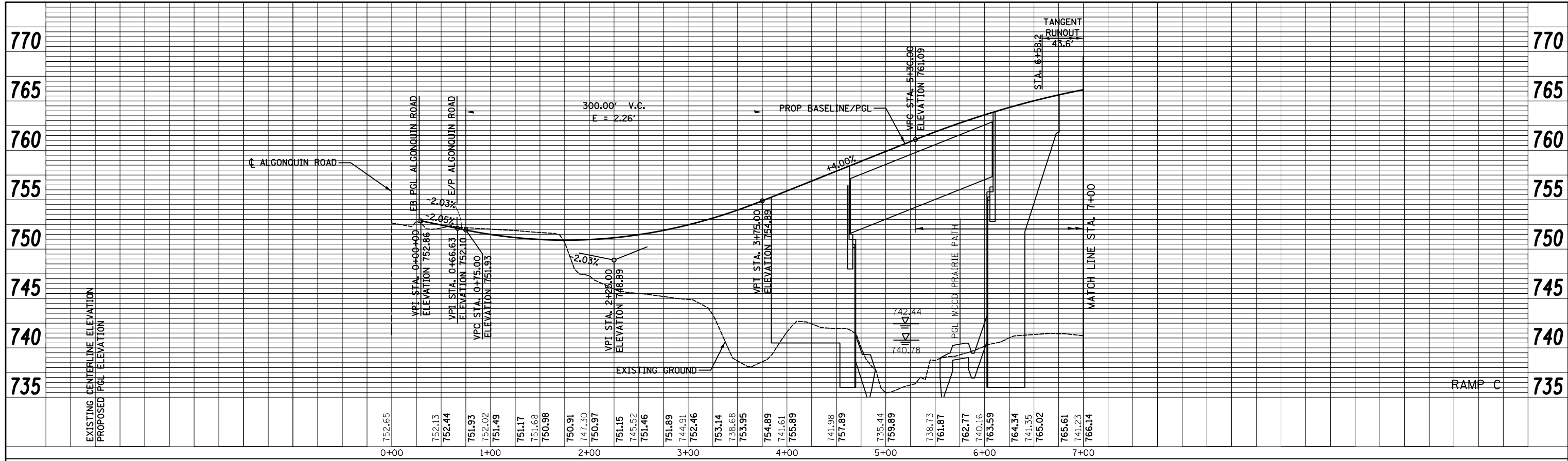
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROFILE</b>	
SCALE:	SHEET NO. 13 OF 19 SHEETS STA. 0+00 TO STA. 15+37.26

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	96
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	NO.		
	NO.		

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



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

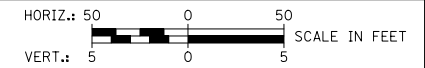
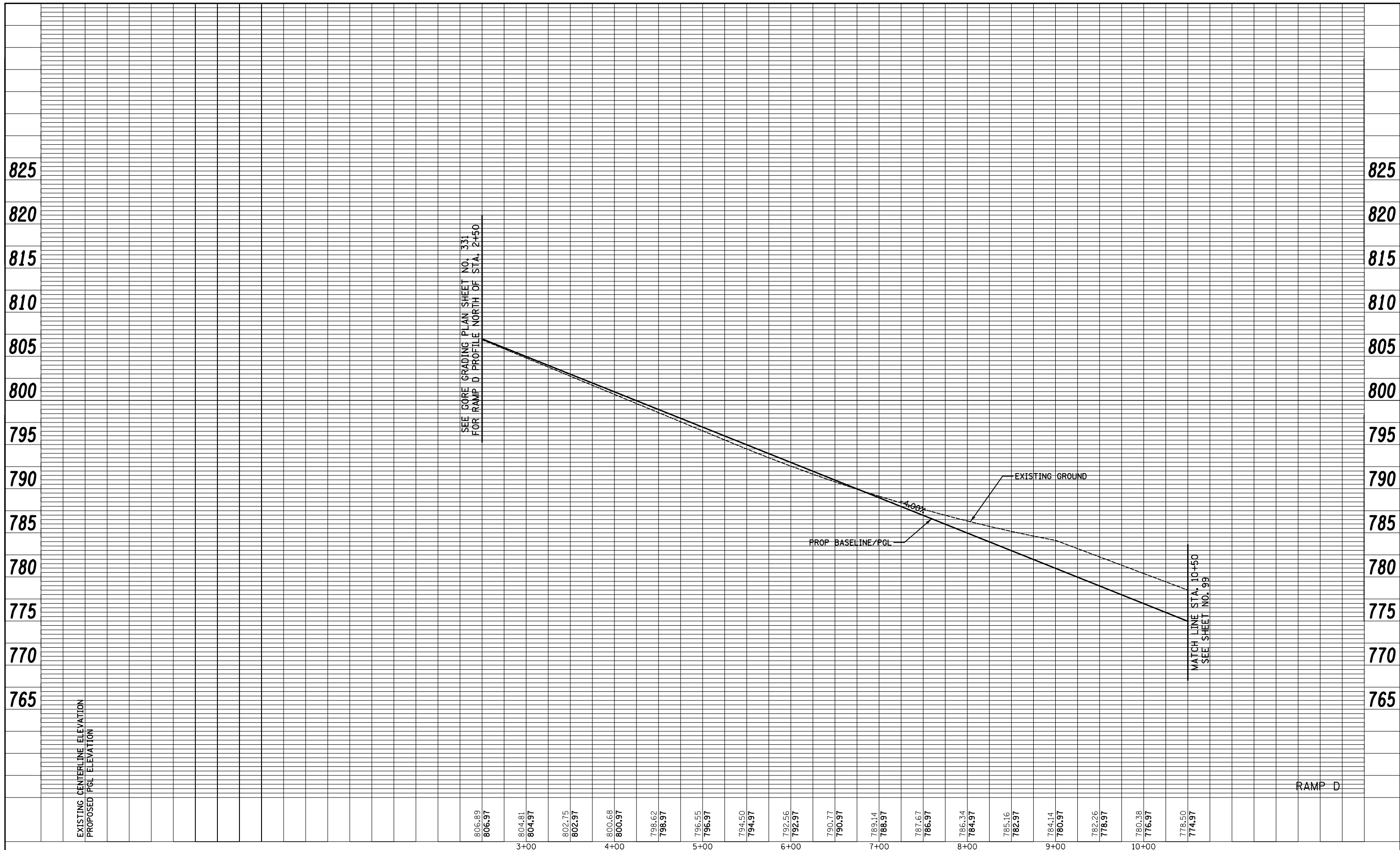
**PROFILE**

SCALE: SHEET NO. 14 OF 19 SHEETS STA. 0+00.00 TO STA. 11+50

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	97
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



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PLOT DATE = 5/2/2012	CHECKED - GAB	REVISED -
	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

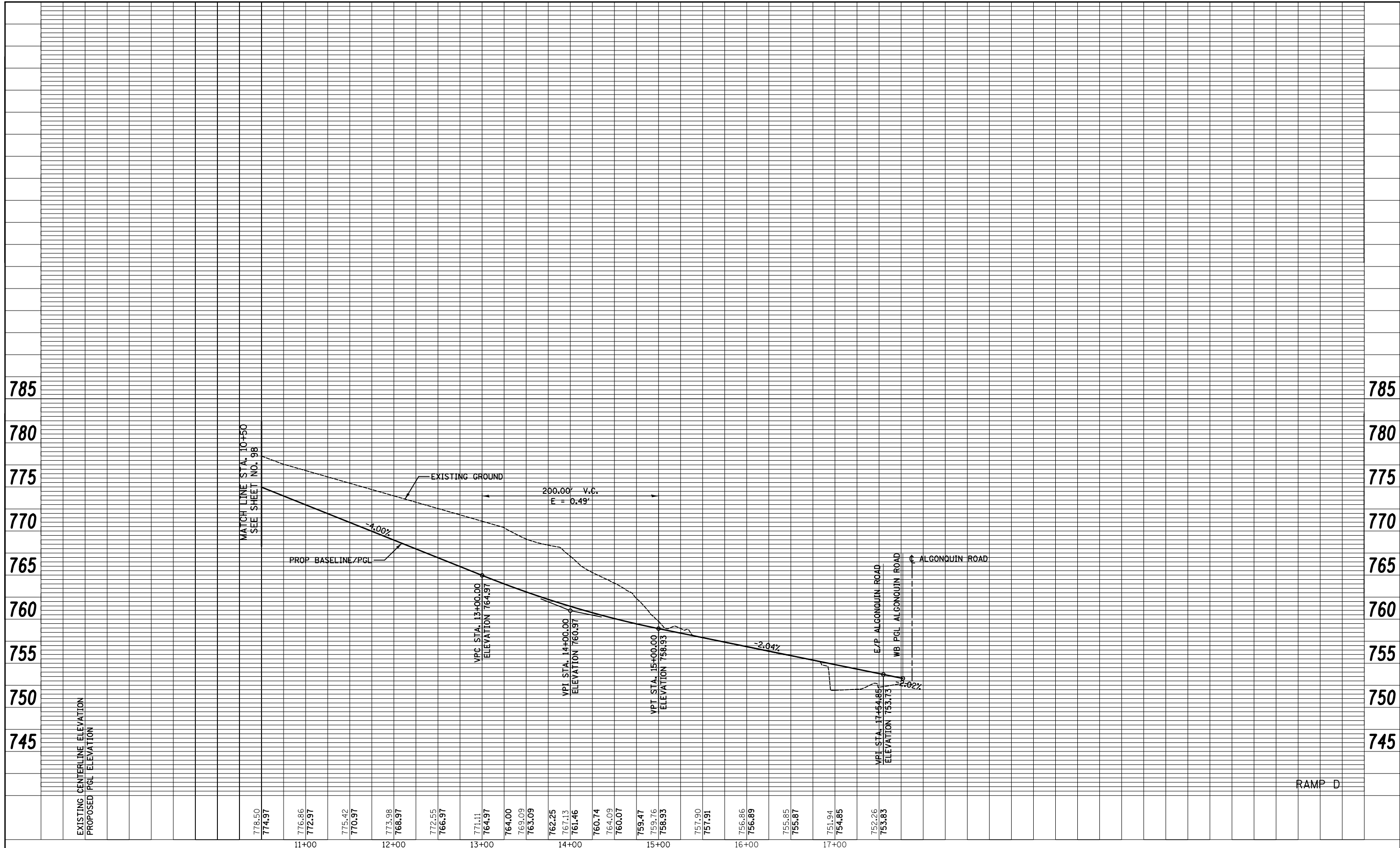
SCALE:	SHEET NO. 15 OF 19 SHEETS	STA. 2+50 TO STA. 10+50
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O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	98
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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



EXISTING CENTERLINE ELEVATION	778.50	776.86	775.42	773.98	772.55	771.11	769.09	767.13	765.86	757.90	756.86	755.85	754.85	753.73	752.26
PROPOSED PGL ELEVATION	774.97	772.97	770.97	768.97	766.97	764.97	763.09	761.46	760.07	759.47	758.93	758.87	754.85	753.83	753.83



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PLOT DATE = 5/2/2012	CHECKED - GAB	REVISED -
	DATE - 5/3/2012	REVISED -

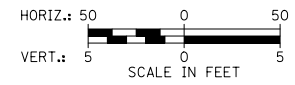
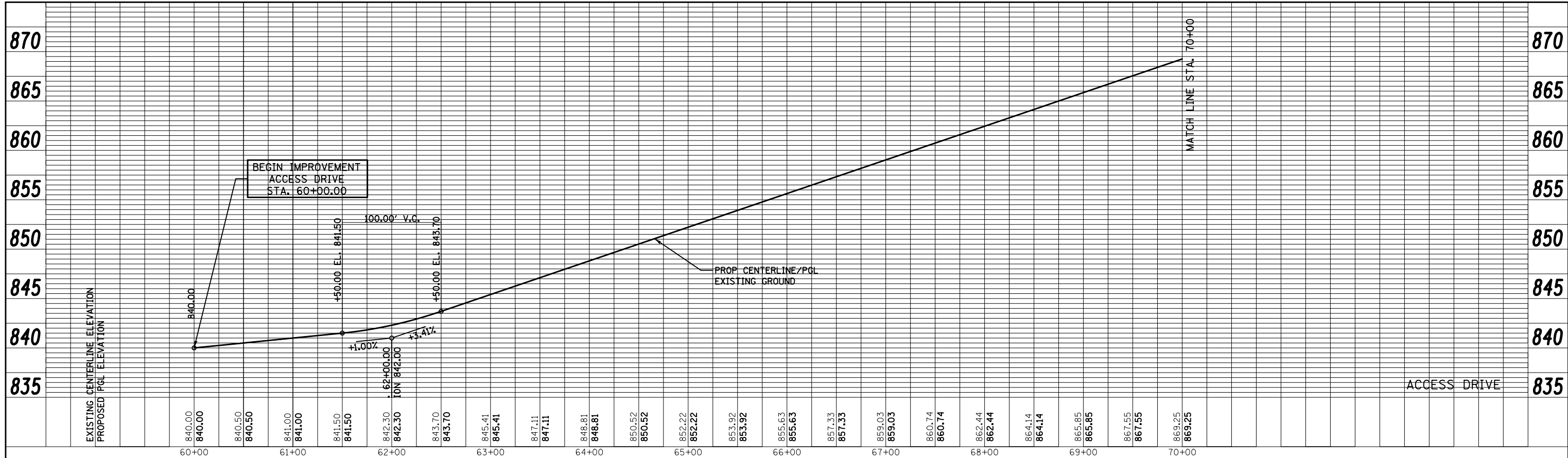
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 16 OF 19 SHEETS	STA. 10+50 TO STA. 17+76.96
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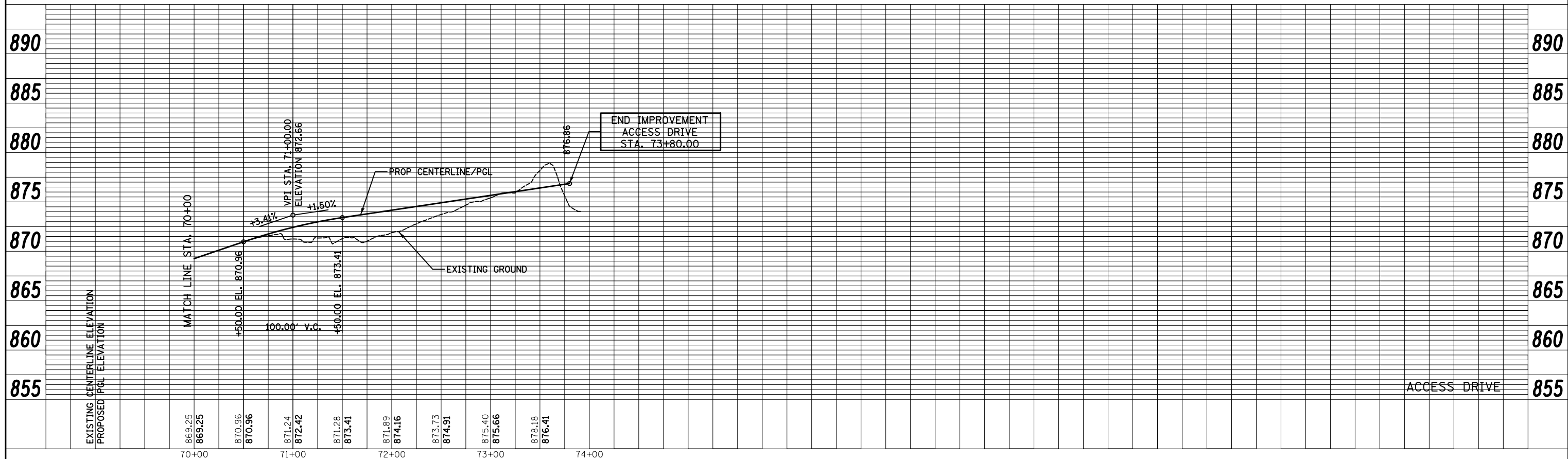
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	99
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

RAMP D

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



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOTATIONS		



FILE NAME = ...\\D160F72-sht-prf-17.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROFILE</b>	O.R. RTE. 0003	SECTION 18A-2	COUNTY MCHENRY	TOTAL SHEETS 825	SHEET NO. 100		
PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -	SCALE:			SHEET NO. 17 OF 19 SHEETS	STA. TO STA.	CONTRACT NO. 60F72				
PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									