

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF CHANNAHON

TRAFFIC DATA: ADT (2040) DESIGN SPEED POSTED SPEED  
 U.S. 6 25,600 45 MPH 40 MPH

**PROJECT DESCRIPTION**

THE PROJECT CONSISTS OF THE RECONSTRUCTION AND WIDENING OF U.S. ROUTE 6, RELOCATION AND RECONSTRUCTION OF THE SOUTHEAST AND NORTHEAST FRONTAGE ROADS AND LIGHTING, TRAFFIC SIGNAL, DRAINAGE AND ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE IMPROVEMENT.

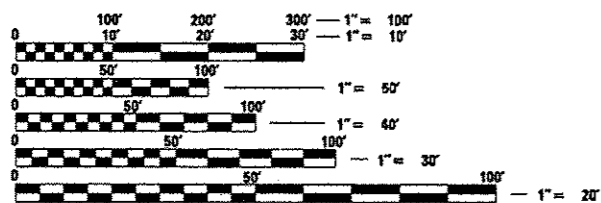
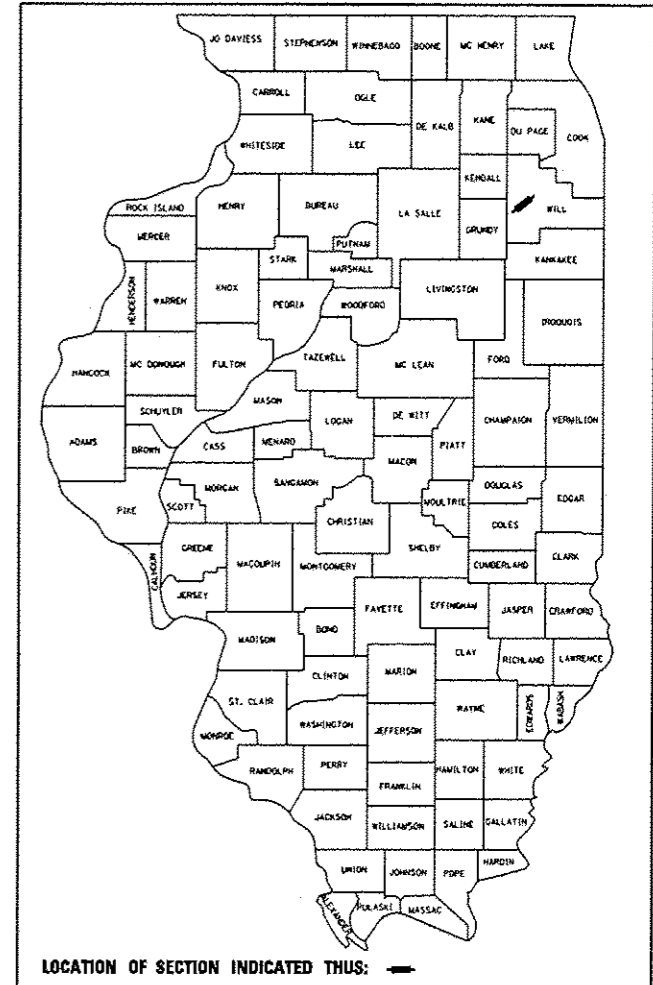
**DESIGN DESIGNATION:**

U.S. 6 2,769(40) MINOR ARTERIAL (URBAN) (P.C.C.-30)

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**  
 F.A.I. RTE. 55 AT U.S. 6 (EAMES ST.)  
 SECTION: 99(1&2)AC-R-3  
 PROJECT: ACNHPP-0055 (452)  
 ROADWAY AND FRONTAGE ROAD RECONSTRUCTION  
 WILL COUNTY  
 C-91-013-10

F.A.I. RTE. 55	SECTION 99(1&2)AC-R-C	COUNTY WILL	TOTAL SHEETS 225	SHEET NO. 1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 60130	

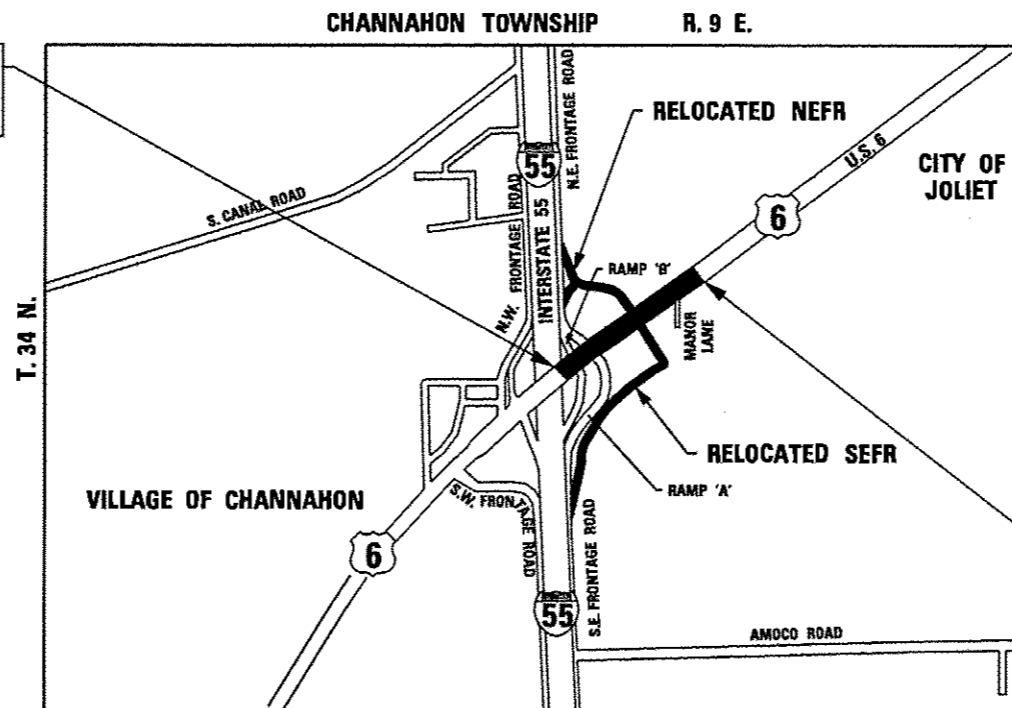
D-91-013-10 \*225 & b=231



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 LOCATING INFORMATION FOR EXCAVATORS  
 1-800-892-0123  
 OR 811

U.S. 6 PROJECT LIMIT  
 STA. 213 + 40



U.S. 6 PROJECT LIMIT  
 STA. 244 + 44.57

LOCATION MAP  
 U.S. 6 - GROSS LENGTH OF PROJECT = 3,104.57 FEET = 0.588 MILES  
 U.S. 6 - NET LENGTH OF PROJECT = 3,104.57 FEET = 0.588 MILES



*Stanley J. Przewoznik*  
 STANLEY J. PRZEWOZNIK, P.E.  
 EXPIRES: 11-30-2015  
 08-12-15



*Yuly Kleban*  
 YULY KLEBAN, P.E.  
 EXPIRES: 11-30-2015  
 APPLIES TO SHEETS:  
 134-150 TRAFFIC SIGNALS  
 151-164 ROADWAY LIGHTING  
 08.12.15

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 SUBMITTED November 10, 2015  
*John F. ...*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
*Maxine M. Addis, P.E.*  
 ENGINEER OF DESIGN AND ENVIRONMENT  
*Cheryl ...*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT MANAGER : HELEN PAZON (847) 705-4523

CONTRACT NO. 60130

CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS - PLANNERS - SURVEYORS  
 211 W. WACKER DRIVE CHICAGO, IL 60606  
 TELEPHONE: 312-372-2023

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 OF THE STATE OF ILLINOIS

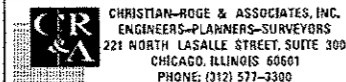
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FILE NAME: D:\160130\ht\Index.dgn  
 PLOT DATE: 1/16/2016  
 PLOT SCALE: 100.0000 / in.



DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9911&21AC-R-3	WILL	225	2
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

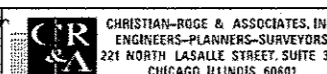
**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24' (7.2M) JOINTED P.C.C. PAVEMENT
420111-03	P.C.C. PAVEMENT ROUNDOUTS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-04	PCC SHOULDER
542001-05	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 84" (2100mm) DIA
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-06	TRAVERSABLE PIPE GRATE
601001-05	SUB-SURFACE DRAINS
601101-02	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN, TYPE A
602401-03	MANHOLE, TYPE A
602406-07	MANHOLE, TYPE A, 6' (1.8 M) DIAMETER
602416-05	MANHOLE, TYPE A, 8' (2.4 M) DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604091-03	FRAME AND GRATE, TYPE 24
604101-01	MEDIAN INLET FOR 24" (600 MM) REINFORCED CONCRETE PIPE
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-03	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-16.60)
606301-04	P.C. CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED P.C. CONCRETE MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635001-02	DELINEATORS
664001-02	CHAIN LINK FENCE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701426-08	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701427-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
725001	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
760001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
078001-10	CONCRETE FOUNDATION DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

FILE NAME = D:\0130-sh1-1001-Standards.dwg  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 1' / 16"



CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

**GENERAL NOTES**

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 TO HAVE THE LOCATION OF EXISTING UTILITIES MARKED.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION. NPDES STORMWATER PERMIT IS REQUIRED FOR THIS PROJECT.
4. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
5. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09.
8. 10 FT. (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
9. SAW CUTTING PRIOR TO THE REMOVAL OF ANY ITEMS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
10. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE EXISTING PAVEMENT AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
12. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
14. IN ACCORDANCE WITH SECTION 550 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS INVOLVED.
15. NOT USED.
16. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
17. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FROM BEST AVAILABLE RECORD INFORMATION AND MUST BE FIELD VERIFIED BY THE CONTRACTOR. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE.
18. THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.

**GENERAL NOTES (CONTINUED)**

19. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARY RELOCATE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.  
  
ALL WORK INVOLVING ROAD SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:  
  
A. SIGNS SHALL NOT BE MOVED UNTIL NECESSITATED BY THE PROGRESS OF WORK.  
  
B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.  
  
C. ALL UNUSED SIGNS SHALL BE RETURNED TO THE APPROPRIATE GOVERNING BODY AS DIRECTED BY THE ENGINEER.
20. BARRICADES: TYPE I, TYPE II AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THAT THEY ARE NOT MOVED BY TRAFFIC.
21. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
22. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, ERIC CAMPOS, AT (815) 485-6475 OR AT ERIC.CAMPOS@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
23. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER, MEDIAN AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
24. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS 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.
25. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN 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.
26. ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET \*19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

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 PLOT SCALE: 100.0000 / 1"



CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9911&2)AC-R-3	WILL	225	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

**GENERAL NOTES (CONTINUED)**

- 27. CONTAMINATED SOILS ARE WITHIN THE PROJECT LIMIT. PRIOR TO CONSTRUCTION WITHIN THE CONTAMINATED AREAS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AN ENVIRONMENTAL FIRM THAT IS PREQUALIFIED IN HAZARDOUS WASTES BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION. ALL UTILITY COMPANIES RELOCATING WITHIN THE FOLLOWING AREAS SHOULD BE NOTIFIED OF THE POTENTIAL SOIL CONTAMINATION. ANY WASTE GENERATED AS A SPECIAL WASTE OR WASTE NOT CERTIFIED AS A NON SPECIAL WASTE FROM THIS PROJECT SHOULD BE MANIFESTED OFF-SITE USING THE GENERATOR NUMBER ASSOCIATED WITH THE COUNTY. ALL REMEDIAL WORK SHALL BE DOCUMENTED FOR POTENTIAL ILLEGAL TRESPASS ACTION. PRIOR TO ANY REMEDIAL WORK, CONTACT DONALD PALMER (847-705-4209).
- 28. METHOD 3 IN ARTICLE 550.07(c) OF THE STANDARD SPECIFICATIONS, USING WATER TO COMPACT TRENCH BACKFILL MATERIAL, WILL NOT BE ALLOWED.

TRAFFIC SIGNAL GENERAL NOTES

- 29. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 30. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 31. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
- 32. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- 33. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- 34. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- 35. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.
- 36. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

**COMMITMENTS**

- 1. NONE.

FILE NAME: 0160130-sh11gmmote2.dgn  
 PLOT DATE: 1/16/2016  
 PLOT SCALE: 100.0000' / 1" = 100'



CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	4A
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	MOE1 CONSTRUCTION CODE						
				0003 ROADWAY	01 0021 TRAFFIC SIGNALS RAMP A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	03 0021 IDOT LIGHTING <i>90% FED. 10% STATE</i>	02	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2,042	2,042						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,091	1,091						
20100500	TREE REMOVAL, ACRES	ACRE	1.0	1.0						
20101000	TEMPORARY FENCE	FOOT	2,797	2,797						
20101100	TREE TRUNK PROTECTION	EACH	30	30						
20101200	TREE ROOT PRUNING	EACH	30	30						
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20						
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20						
20200100	EARTH EXCAVATION	CU YD	16,944	16,944						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	14,753	14,753						
20400800	FURNISHED EXCAVATION	CU YD	11,796	11,796						
20800150	TRENCH BACKFILL	CU YD	987	987						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	23,627	23,627						
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	10,584	10,584						

SPECIALTY ITEM \*

# SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				0003 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNALS RAMP A & B 90% FED. 10% STATE	0021 EMERGENCY VEHICLE PREEMPTION 100% VILLAGE	0021 VILLAGE LIGHTING 100% VILLAGE	0021 IDOT LIGHTING 90% FED. 10% STATE		
* 25000210	SEEDING, CLASS 2A	ACRE	10.75	10.75						
* 25000300	SEEDING, CLASS 3	ACRE	1.5	1.5						
* 25000310	SEEDING, CLASS 4	ACRE	1.5	1.5						
* 25000314	SEEDING, CLASS 4B	ACRE	0.75	0.75						
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,323	1,323						
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,323	1,323						
* 25100115	MULCH, METHOD 2	ACRE	30.0	30.0						
* 25100135	MULCH, METHOD 4	ACRE	0.1	0.1						
* 25100630	EROSION CONTROL BLANKET	SO YD	36,372	36,372						
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	5,030	5,030						
* 25100900	TURF REINFORCEMENT MAT	SO YD	1,303	1,303						
* 25200110	SODDING, SALT TOLERANT	SO YD	2,314	2,314						
* 25200200	SUPPLEMENTAL WATERING	UNIT	22	22						
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	300	300						

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SPECIALTY ITEM \*

FILE NAME: d:\60122-ent-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 1/8" = 1' 0"



CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

Rev.

# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				0003 ROADWAY 90% FED. 10% STATE	0021 TRAFFIC SIGNALS RAMPS A & B 90% FED. 10% STATE	0021 EMERGENCY VEHICLE PREEMPTION 100% VILLAGE	0021 VILLAGE LIGHTING 100% VILLAGE	0021 IDOT LIGHTING 90% FED. 10% STATE	0021 SIDEWALK & MULTI-USE PATH 80% FED. 20% STATE	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,900	2,900						
28000305	TEMPORARY DITCH CHECKS	FOOT	2,830	2,830						
28000315	AGGREGATE DITCH CHECKS	TON	97	97						
28000400	PERIMETER EROSION BARRIER	FOOT	13,061	13,061						
28000510	INLET FILTERS	EACH	32	32						
28100107	STONE RIPRAP, CLASS A4	SO YD	58	58						
28200200	FILTER FABRIC	SO YD	297	297						
30300112	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SO YD	44,000	44,000						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SO YD	3,263	3,263						
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	10,829	10,829						
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SO YD	1,440	197					1243	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1,957	1,957						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	835	835						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	76	76						

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SPECIALTY ITEM \*

FILE NAME: 0160190-ant-500.dgn  
 PLOT DATE: 1/24/2016  
 PLOT SCALE: 100.0000 1/16"



CHRISTIAN-ROGE & ASSOCIATES, INC.  
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DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 3 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99H&21AC-R-3	WILL	225	7
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

Rev.



# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMP A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	0021 SIDEWALK & MULTI-USE PATH
			URBAN	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE	80% FED. 20% STATE
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	381	242					139
40603365	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	208	208					
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	16,893	16,893					
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SO YD	19,338	19,338					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	60	60					
42000506	PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)	SO YD	17,789	17,789					
42001300	PROTECTIVE COAT	SO YD	24,886	24,886					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	714	714					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SO FT	6,122						6122
42400800	DETECTABLE WARNINGS	SO FT	220	220					
44000100	PAVEMENT REMOVAL	SO YD	20,006	20,006					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	1,590	1,590					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	3,794	3,794					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,640	1,640					

SPECIALTY ITEM \*

FILE NAME: 0160130-ah-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000' = 1"



CHRISTIAN-ROGGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 4 OF 19 SHEETS      STA.      TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9911&21AC-R-3	WILL	225	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

Rev.

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
4400600	SIDEWALK REMOVAL	SQ FT	1,714	1,714						
44003100	MEDIAN REMOVAL	SQ FT	47	47						
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,681	2,681						
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	76	76						
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	52	52						
48101620	AGGREGATE SHOULDERS, TYPE B, 10"	SQ YD	2,882	2,882						
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	404	404						
48300505	PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"	SQ YD	2,644	2,644						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1						
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1						
50104400	CONCRETE HEADWALL REMOVAL	EACH	5	5						
50105220	PIPE CULVERT REMOVAL	FOOT	379	379						
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2						
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1	1						

SPECIALTY ITEM \*

FILE NAME = 0160130-ah1-500.dgn  
 PLOT DATE = 1/29/2016  
 PLOT SCALE = 100.0000' / 1" =

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
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 221 NORTH LASALLE STREET, SUITE 300  
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 PHONE: (312) 577-3900

DESIGNED - D.L.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 5 OF 19 SHEETS      STA.      TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9911&21AC-R-3	WILL	225	9
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE						
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING		
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
54010302	PRECAST CONCRETE BOX CULVERTS, 3' x 2'	FOOT	70	70						
54010504	PRECAST CONCRETE BOX CULVERTS, 5' x 4'	FOOT	191	191						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	1	1						
542A0220	PIPE CULVERTS, CLASS A, TYPE 1, 15"	FOOT	140	140						
542A0223	PIPE CULVERTS, CLASS A, TYPE 1, 18"	FOOT	179	179						
54260311	TRAVERSABLE PIPE GRATE	FOOT	78	78						
54261315	CONCRETE END SECTION, STANDARD 542001, 15", 1:3	EACH	8	8						
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	6	6						
54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	2	2						
54390180	INSERTION CULVERT LINER, 24"	FOOT	103	103						
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	123	123						
550A0140	STORM SEWERS, CLASS A, TYPE 1, 30"	FOOT	68	68						
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	968	968						
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	455	455						

SPECIALTY ITEM \*

FILE NAME: 0160130-shs-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000 / 1"



CHRISTIAN-RIDGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 572-3300

DESIGNED - D.L.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 6 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	10
CONTRACT NO. 60130				

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

# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE						
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING		
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24"	FOOT	603	603						
550A0430	STORM SEWERS, CLASS A, TYPE 2, 30"	FOOT	262	262						
55100500	STORM SEWER REMOVAL, 12"	FOOT	414	414						
55100700	STORM SEWER REMOVAL, 15"	FOOT	228	228						
55101200	STORM SEWER REMOVAL, 24"	FOOT	546	546						
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	22	22						
60100905	PIPE DRAINS, 4"	FOOT	340	340						
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	898	898						
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2						
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	6	6						
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	16	16						
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1						
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4						
60220005	MANHOLES, TYPE A, 4' -DIAMETER, WITH MEDIAN INLET ( 604101)	EACH	1	1						

SPECIALTY ITEM \*

FILE NAME: 10150130-141-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000 / 1 in.

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
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 PHONE: (312) 572-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 7 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	991182AC-R-3	WILL	225	11
CONTRACT NO. 60130				

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

# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE						
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING		
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11						
60224469	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	7	7						
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1						
60500040	REMOVING MANHOLES	EACH	4	4						
60500050	REMOVING CATCH BASINS	EACH	9	9						
60600605	CONCRETE CURB, TYPE B	FOOT	641	641						
60603800	COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6.12	FOOT	610	610						
60605000	COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6.24	FOOT	6,331	6,331						
60610400	COMBINATION CONCRETE CURB AND CUTTER, TYPE M-6.24	FOOT	339	339						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	1,485	1,485						
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	58	58						
60624600	CORRUGATED MEDIAN	SO FT	1,516	1,516						
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25	25						

14

SPECIALTY ITEM \*

FILE NAME: D:\60130\nt-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 1/8" = 1'-0"

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

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DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 8 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	12
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	557	557						
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2						
63200310	GUARDRAIL REMOVAL	FOOT	685	685						
66400105	CHAIN LINK FENCE, 4'	FOOT	1,264	1,264						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3,500	3,500						
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5						
67100100	MOBILIZATION	L SUM	1	1						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	145	145						
70106800	CHANGEABLE MESSAGE SIGN	CAL MD	18	18						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,000	1,000						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	333	333						
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	37	37						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12,250	12,250						

SPECIALTY ITEM \*

FILE NAME : D:\16130\16130-500.dgn  
 PLOT DATE : 1/29/2016  
 PLOT SCALE : 100.0000 / 1"

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 517-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 9 OF 19 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE					
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	146	146					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	20	20					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	100	100					
* 72000100	SIGN PANEL - TYPE 1	SO FT	543	507	36				
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2					
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	177	177					
* 72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	24	24					
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	52	52					
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SO FT	137	137					
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,007	1,007					
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	266	266					
* 72900100	METAL POST - TYPE A	FOOT	359	359					
* 72900200	METAL POST - TYPE B	FOOT	653	653					
* 73400100	CONCRETE FOUNDATIONS	CU YD	3	3					

SPECIALTY ITEM \*

FILE NAME = D:\0100\1001-500.dgn  
 PLOT DATE = 1/29/2016  
 PLOT SCALE = 100.0000' / 1" =

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 527-3300

DESIGNED - D.L.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 10 OF 19 SHEETS      STA.      TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	931(1&2)AC-R-3	WILL	225	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2						
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,000	22,000						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	100	100						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	300	300						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	81	81						
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	265	265						
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	6,755	6,755						
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2,019	2,019						
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	375	375						
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,378	1,378						
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	202	202						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	470	470						

SPECIALTY ITEM \*

FILE NAME : D160130-ah1-500.dgn  
 PLOT DATE : 1/29/2016  
 PLOT SCALE : 100.0000 / in.

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

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DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 11 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9901&21AC-R-3	WILL	225	15
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	120	120						
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	10	10						
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2						
78300100	PAVEMENT MARKING REMOVAL	SO FT	16,158	16,158						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	220	220						
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	2,000				2,000			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1			
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				1			
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1					
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	734		734					
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	137		137					
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	136		136					
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	980		440		540			
* 81400100	HANDHOLE	EACH	3		3					

SPECIALTY ITEM \*

FILE NAME: D:\60130\sh1-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000 1/16"

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-9300

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DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE    SHEET NO. 12 OF 19 SHEETS    STA.    TO STA.

F.A.I. RTE. 55	SECTION 9911&21AC-R-3	COUNTY WILL	TOTAL SHEETS 225	SHEET NO. 16
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 TODT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 81400300	DOUBLE HANDHOLE	EACH	1		1					
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	6,150				6,000	150		
* 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	410				410			
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	30				30			
* 82500380	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP	EACH	1				1			
* 83007200	LIGHT POLE, ALUMINUM, 35 FT. M. H., 6 FT. MAST ARM	EACH	30				30			
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	280				270	10		
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	30				30			
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1					1		
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1					1		
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2					2		
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1					1		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1					
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1					

SPECIALTY ITEM \*

FILE NAME: 0160130-h1-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000 1/16"



CHRISTIAN-ROCHE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
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 PHONE: (312) 572-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 13 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE. 55	SECTION 9841&2AC-R-3	COUNTY WILL	TOTAL SHEETS 225	SHEET NO. 17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,760		1,760					
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,230		2,230					
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,330		1,330					
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,387		2,387					
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,990		1,990					
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	45		45					
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,040		1,040					
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	2		2					
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	1		1					
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	4		4					
* 87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1		1					
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1					
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1					
* 87702192	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 FT. AND 38 FT.	EACH	1		1					

SPECIALTY ITEM \*

FILE NAME = 0160130-sh1-500.dgn  
 PLOT DATE = 1/29/2016  
 PLOT SCALE = 100.0000 ' / in.



CHRISTIAN-ROEG & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 14 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	9941&21AC-R-3	WILL	225	18
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28		28					
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4					
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37		37					
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	12		12					
* 87900200	DRILL EXISTING HANDHOLE	EACH	13		13					
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6		6					
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2					
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7		7					
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3		3					
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8					
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	9		9					
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	7		7					
* 88600700	PREFORMED DETECTOR LOOP	FOOT	92		92					
* 88700200	LIGHT DETECTOR	EACH	3			3				

SPECIALTY ITEM \*

FILE NAME = 0160130-941-500.dgn  
 PLOT DATE = 1/29/2016  
 PLOT SCALE = 100.0000 / 1 in.



CHRISTIAN-ROIGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE    SHEET NO. 15 OF 19 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99H&21AC-R-3	WILL	225	19
CONTRACT NO. 60130				

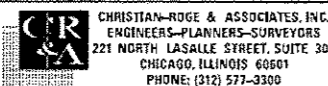
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1				
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	9		9					
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1					
* A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12						
* A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5						
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12						
* A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22	22						
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9						
* A2005960	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10						
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15	15						
* A2007724	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	15	15						
* A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12						
* A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	20	20						
* B2000767	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	24	24						

SPECIALTY ITEM \*

FILE NAME: D160130-14-500.dgn  
 PLOT DATE: 1/29/2016  
 PLOT SCALE: 100.0000 1" = 100'



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 16 OF 19 SHEETS      STA.      TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

# SUMMARY OF QUANTITIES

					CONSTRUCTION CODE					
					0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE		
* B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM, BALLED AND BURLAPPED	EACH	34	34						
* B2001666	TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	42	42						
* C2C01424	SHRUB, CORNUS AMOMUM (SILKY DOGWOOD), 2' HEIGHT, CONTAINER	EACH	150	150						
* C2007224	SHRUB, ROSA KNOCKOUT (KNOCKOUT ROSE), 24" HEIGHT, CONTAINER	EACH	80	80						
* K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	8	8						
* K0026850	PERENNIAL PLANT CARE	50 YD	300	300						
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	64	64						
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	487			487				
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	10	10						
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4						
X6060300	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)	50 FT	3,164	3,164						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						

SPECIALTY ITEM \*

Rev.

# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE					
				0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 IDOT LIGHTING	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	90% FED. 10% STATE	
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	218	218					
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	19,747	19,747					
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	965	965					
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	475	475					
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	95	95					
* X8102835	REMOVAL OF UNDERGROUND CABLE	FOOT	900					900	
* XB620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1				
Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	170	170					
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	200	200					
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0019500	DRYWELL	EACH	5	5					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	168	168					
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	31				30	1	
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1					1	

SPECIALTY ITEM \*

FILE NAME : 0160130-ent-500.dgn  
 PLOT DATE : 1/29/2016  
 PLOT SCALE : 100.0000' = 1" IN.

**CR & A**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - D.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE      SHEET NO. 18 OF 19 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	991&21AC-R-3	WILL	225	22
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

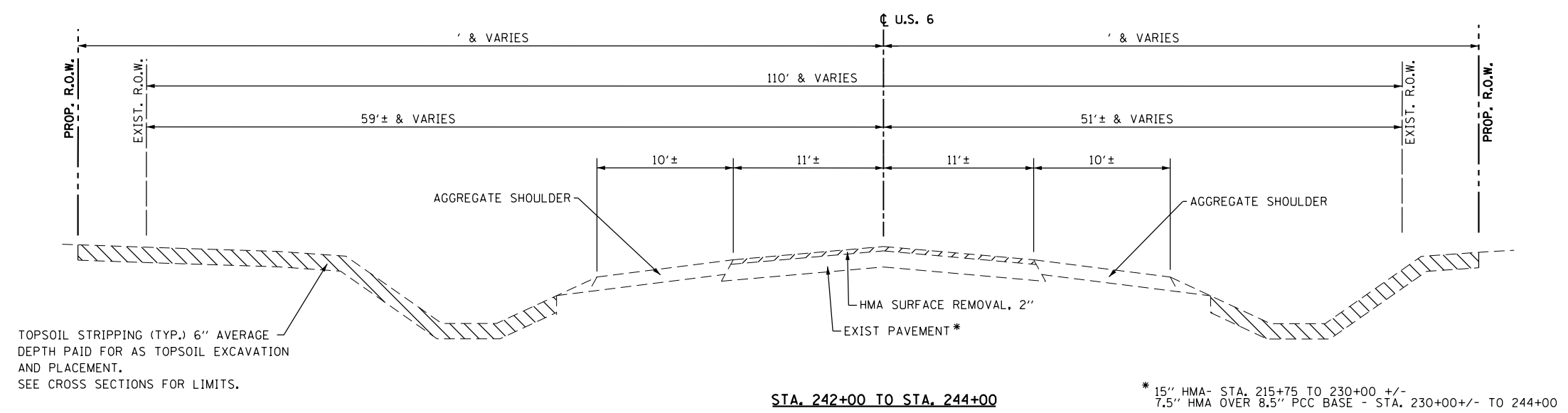
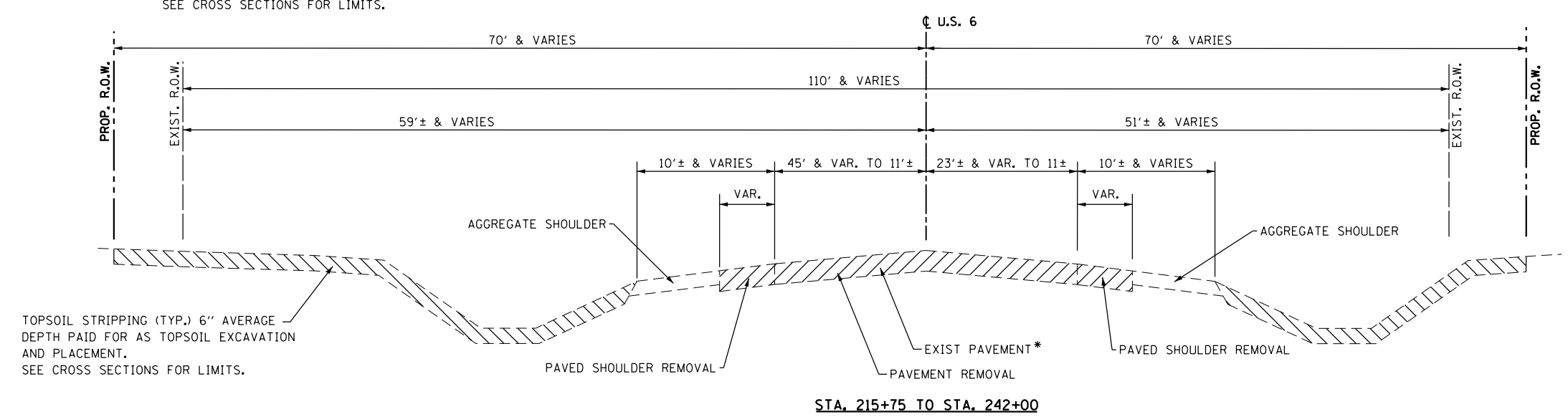
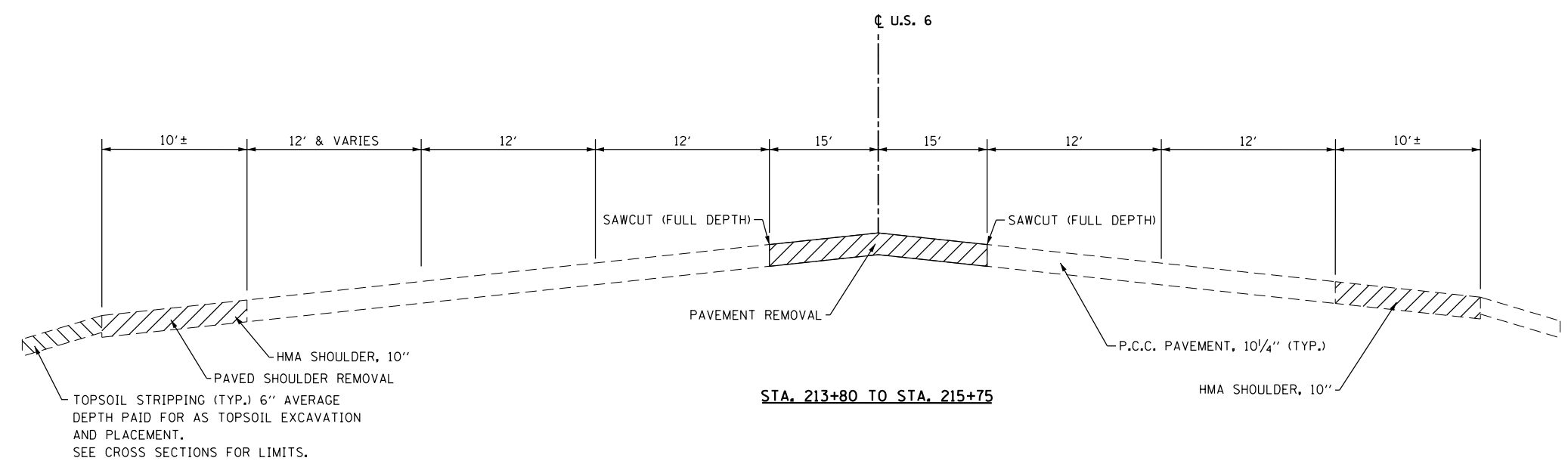
# SUMMARY OF QUANTITIES

				CONSTRUCTION CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITY	0003 ROADWAY	0021 TRAFFIC SIGNALS RAMPS A & B	0021 EMERGENCY VEHICLE PREEMPTION	0021 VILLAGE LIGHTING	0021 100T LIGHTING		
				90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE	100% VILLAGE	STATE		
Z0062456	TEMPORARY PAVEMENT	50 YD	3,263	3,263						
Z0064800	SELECTIVE CLEARING	UNIT	48	48						
Z0073345	SLEEPER SLAB	FOOT	385	385						
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1					
* X0325476	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, FAR BACK	EACH	1		1					
Ø Z0076600	TRAINees	HOUR	1000	1000						
Ø Z0076604	TRAINees- TRAINING PROGRAM GRADUATE	HOUR	1000	1000						

Ø 0042  
SPECIALTY ITEM \*



**LEGEND**  
 REMOVAL ITEMS



\* 15" HMA- STA. 215+75 TO 230+00 +/-  
 7.5" HMA OVER 8.5" PCC BASE - STA. 230+00 +/- TO 244+00

FILE NAME = 0160130-shr-typical.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.000' / 1"

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

**EXISTING TYPICAL SECTIONS**  
**U.S. 6**

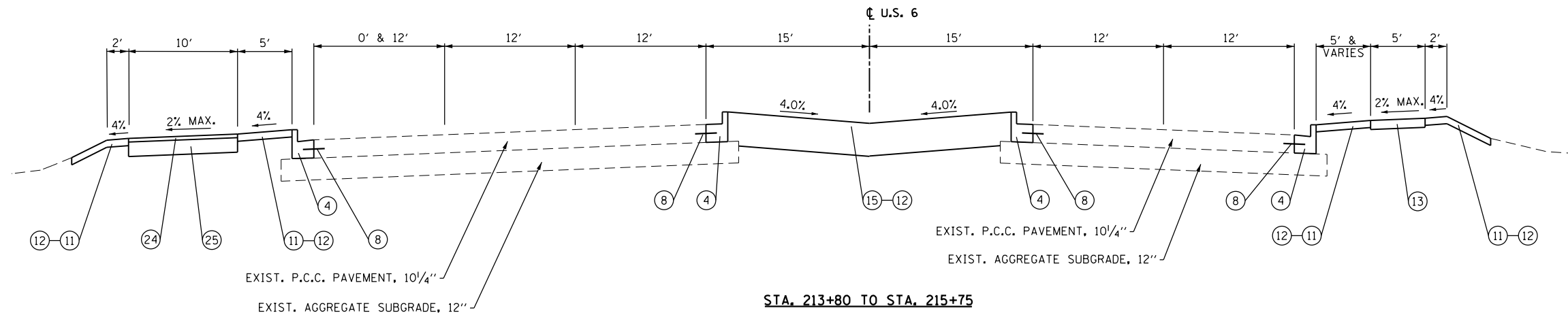
SCALE: NONE    SHEET NO. 1 OF 6 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	24
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

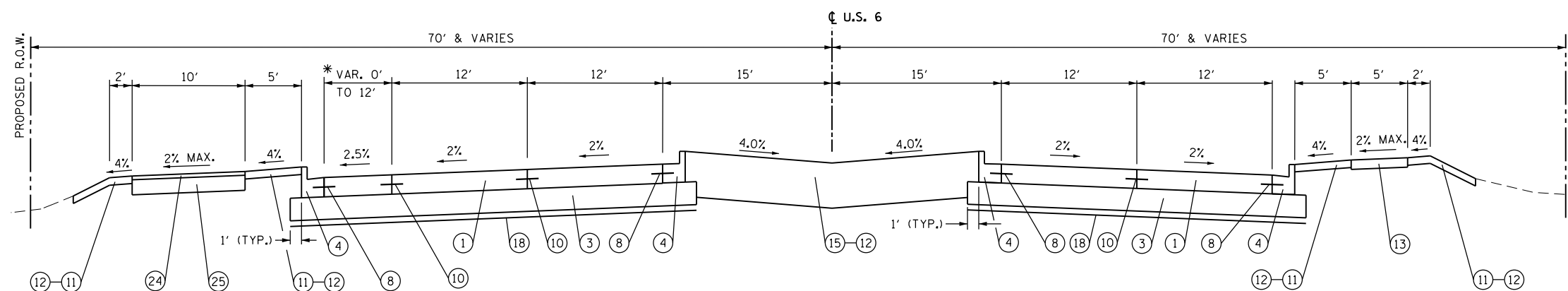
TYP-1

**PROPOSED LEGEND**

- ① P.C.C. PAVEMENT, 10 1/4" (JOINTED)
- ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑥ P.C.C. SHOULDERS, 10 1/4"
- ⑦ NOT USED
- ⑧ NO. 6 - 24" LONG, EPOXY-COATED TIE-BARS @ 24" c-c. DRILLED AND GROUTED (COST WILL BE INCLUDED IN CONC. CURB AND GUTTER)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑫ SEEDING, CLASS 2A
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑭ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑮ TOPSOIL EXCAVATION AND PLACEMENT (24")
- ⑯ NOT USED
- ⑰ NOT USED
- ⑱ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑲ BITUMINOUS MATERIAL (PRIME COAT)
- ⑳ HOT-MIX ASPHALT SHOULDER, 10"
- ㉑ POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, 2"
- ㉒ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ㉓ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 2"
- ㉕ AGGREGATE BASE COURSE, TYPE B, 8"



**STA. 213+80 TO STA. 215+75**



**STA. 215+75 TO STA. 228+64**

\* STA. 215+75 TO 218+21.6

TYP-2

FILE NAME = D160130-shr-typical2.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/20.000" / 1"



DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

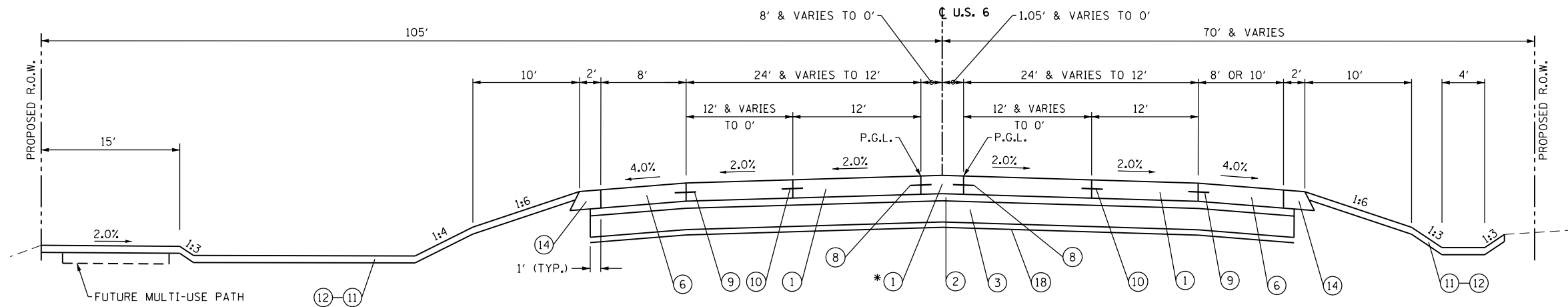
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

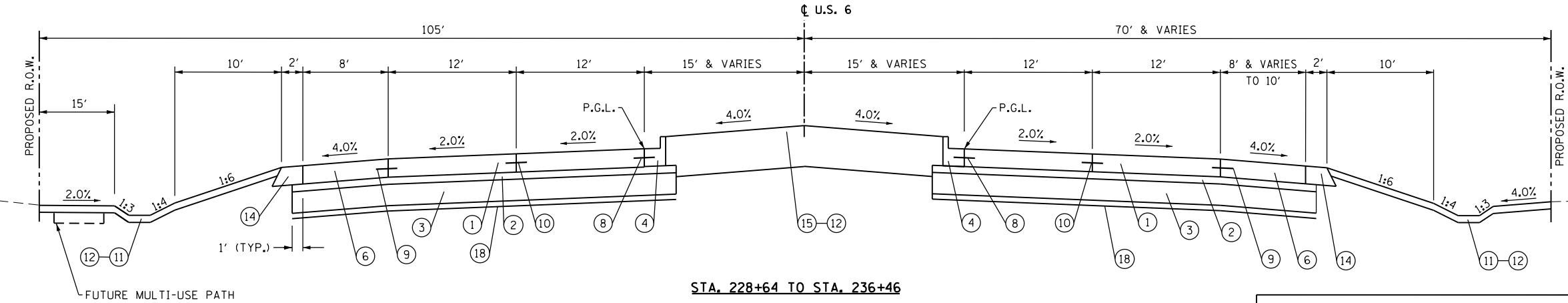
**PROPOSED TYPICAL SECTIONS  
 U.S. 6**

SCALE: NONE SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	25
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**STA. 236+46 TO STA. 242+00**  
 \* CORRUGATED MEDIAN  
 STA. 236+46 TO STA. 240+25



**STA. 228+64 TO STA. 236+46**

- PROPOSED LEGEND**
- ① P.C.C. PAVEMENT, 10 1/4" (JOINTED)
  - ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - ⑤ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
  - ⑥ P.C.C. SHOULDERS, 10 1/4"
  - ⑦ NOT USED
  - ⑧ NO. 6 - 24" LONG, EPOXY-COATED TIE-BARS @ 24" c-c. DRILLED AND GROUTED (COST WILL BE INCLUDED IN CONC. CURB AND GUTTER)
  - ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
  - ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
  - ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4")
  - ⑫ SEEDING, CLASS 2A
  - ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  - ⑭ AGGREGATE SHOULDERS, TYPE B, 10"
  - ⑮ TOPSOIL EXCAVATION AND PLACEMENT (24")
  - ⑯ NOT USED
  - ⑰ NOT USED
  - ⑱ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
  - ⑲ BITUMINOUS MATERIAL (PRIME COAT)
  - ⑳ HOT-MIX ASPHALT SHOULDER, 10"
  - ㉑ POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, 2"
  - ㉒ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
  - ㉓ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
  - ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 2"
  - ㉕ AGGREGATE BASE COURSE, TYPE B, 8"

**NOTES:**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE AC TYPE FOR POLYMERIZED MIXTURES SHALL BE "SBS/SBR PG 76-22", AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "USE OF RECYCLED MATERIALS" SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE MIXTURE.
3. TEMPORARY PAVEMENT: THE CONTRACTOR HAS THE OPTION OF HOT MIX ASPHALT OR CONCRETE. IF THE CONTRACTOR CHOOSES CONCRETE, THE THICKNESS SHALL BE 8" P.C. CONCRETE. P.C. CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS.
4. P.C.C. OR HMA TEMPORARY PAVEMENT SHALL HAVE SUBBASE GRANULAR MATERIAL, TYPE B, 4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (OMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
<b>U.S. 6 AND FRONTAGE ROADS- PAVEMENT RESURFACING</b>		
POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, (IL-9.5mm) - 2"	4% @ 70 GYR.	QCP
STABILIZED SUBBASE - HOT MIX ASPHALT, 4"		
HMA BINDER IL-19.0 mm, - 4"	3% @ 50 GYR.	QCP
<b>TEMPORARY PAVEMENT FOR TRAFFIC STAGING - U.S. 6</b>		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4% @ 50 GYR.	QC / OA
HMA BINDER IL-19 mm, N50 - 8" (3 LIFTS)	4% @ 50 GYR.	QC / OA
<b>HMA RAMP FOR TRAFFIC STAGING</b>		
HMA SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm) - 2" & VARIES	4% @ 50 GYR.	QC / OA
<b>N.E. AND S.E. FRONTAGE ROADS - HMA PAVEMENT (FULL-DEPTH), 10"</b>		
POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, (IL-9.5mm) - 2"	4% @ 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-19mm, N90, 2 1/4"	4% @ 90 GYR.	QCP
HMA BASE COURSE, 5 3/4" (HMA BINDER IL-19 mm)	4% @ 90 GYR.	QCP
<b>U.S. 6 - HMA SHOULDER, 10"</b>		
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) - 2"	4% @ 70 GYR.	QC / OA
HMA BASE COURSE (HMA BINDER IL-19 mm) - 8" (3 LIFTS)	4% @ 70 GYR.	QC / OA
<b>CLASS D PATCHES</b>		
CLASS D PATCH (HMA BINDER IL-19mm) - 10"	4% @ 70 GYR.	QC / OA
<b>MULTI - USE PATH</b>		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4% @ 50 GYR.	QC / OA
<b>ENTRANCES - C.E. &amp; F.E.</b>		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4% @ 50 GYR.	QC / OA
HMA BASE COURSE (HMA BINDER IL-19 mm) - 8" (C.E.)	4% @ 50 GYR.	QC / OA
OMP Designation: Quality Control/Quality Assurance (QC/OA); Quality Control for Performance (QCP); Pay for Performance (PPF)		

FILE NAME = D160130-shr-typr013.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/20.000" = 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

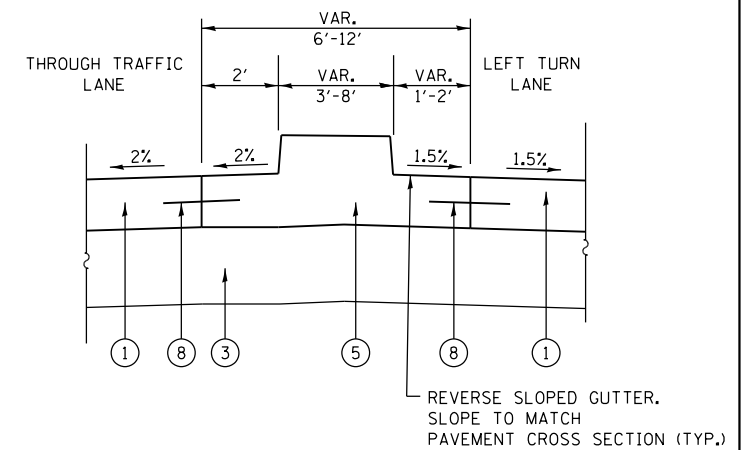
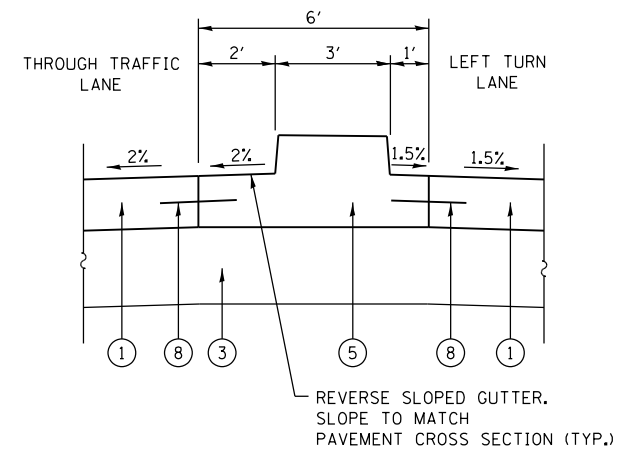
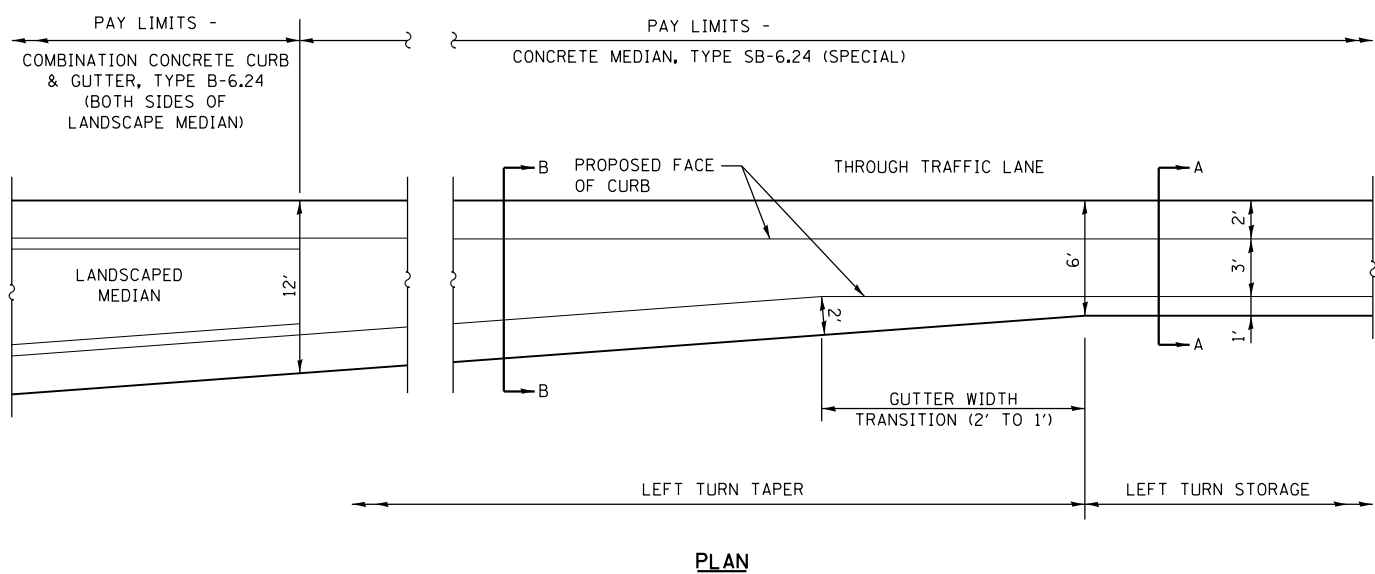
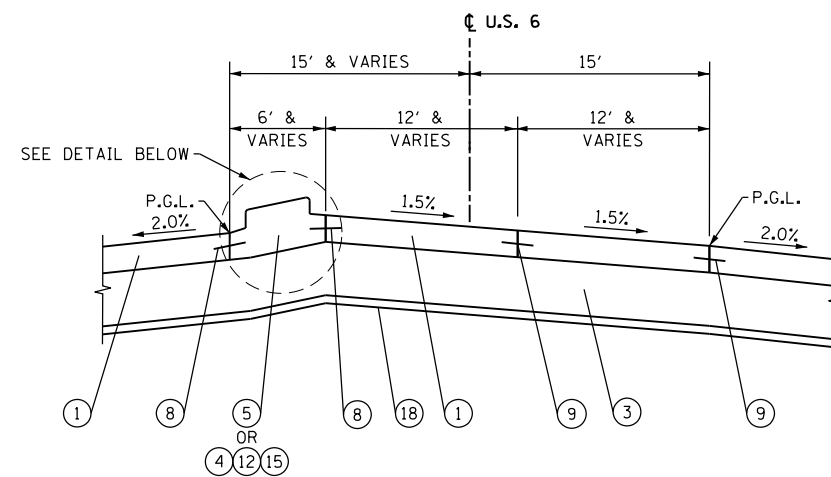
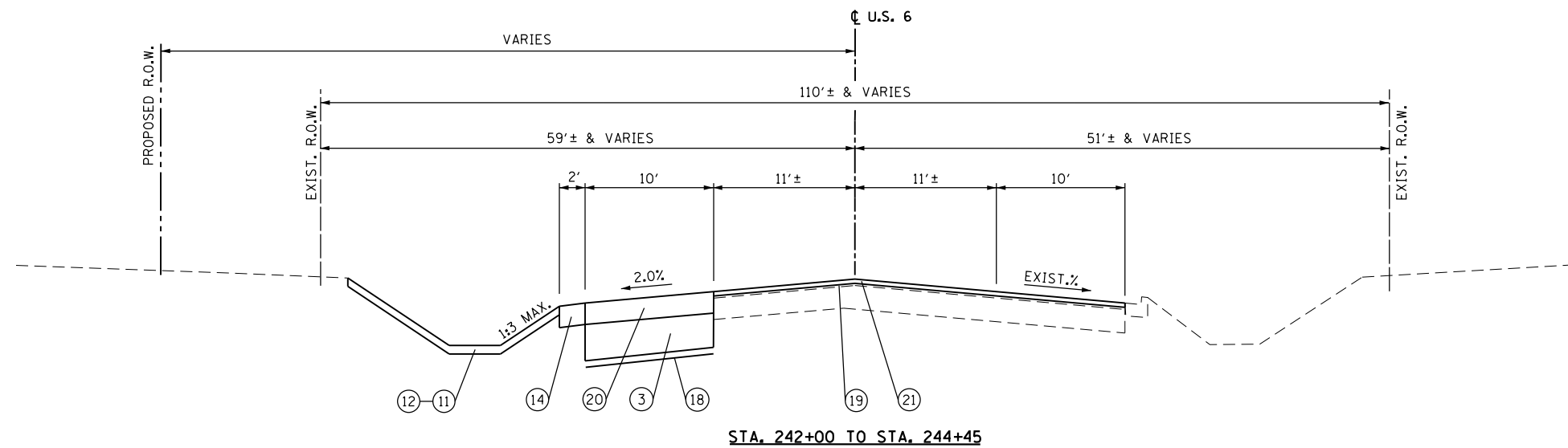
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
 U.S. 6**

SCALE: NONE    SHEET NO. 3 OF 6 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	26
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	

TYP-3



**PROPOSED LEGEND**

- ① P.C.C. PAVEMENT, 10 1/4" (JOINTED)
- ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑥ P.C.C. SHOULDERS, 10 1/4"
- ⑦ NOT USED
- ⑧ NO. 6 - 24" LONG, EPOXY-COATED TIE-BARS @ 24" C-C. DRILLED AND GROUTED (COST WILL BE INCLUDED IN CONC. CURB AND GUTTER)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" C-C. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" C-C. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑫ SEEDING, CLASS 2A
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑭ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑮ TOPSOIL EXCAVATION AND PLACEMENT (24")
- ⑯ NOT USED
- ⑰ NOT USED
- ⑱ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑲ BITUMINOUS MATERIAL (PRIME COAT)
- ⑳ HOT-MIX ASPHALT SHOULDER, 10"
- ㉑ POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, 2"
- ㉒ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ㉓ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 2"
- ㉕ AGGREGATE BASE COURSE, TYPE B, 8"

**CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL) AT DOUBLE LEFT TURN LANE**  
(NO SCALE)

FILE NAME = 0160130-sht-typ0014.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 1/20.000" = 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

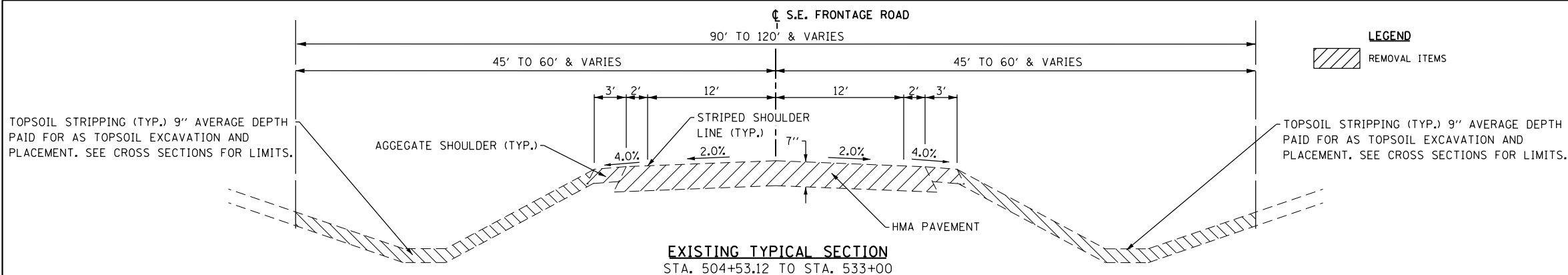
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
U.S. 6**

SCALE: NONE SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	27
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYP-4

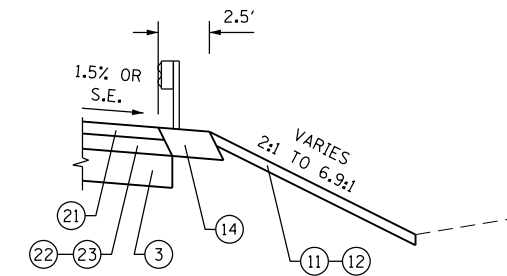
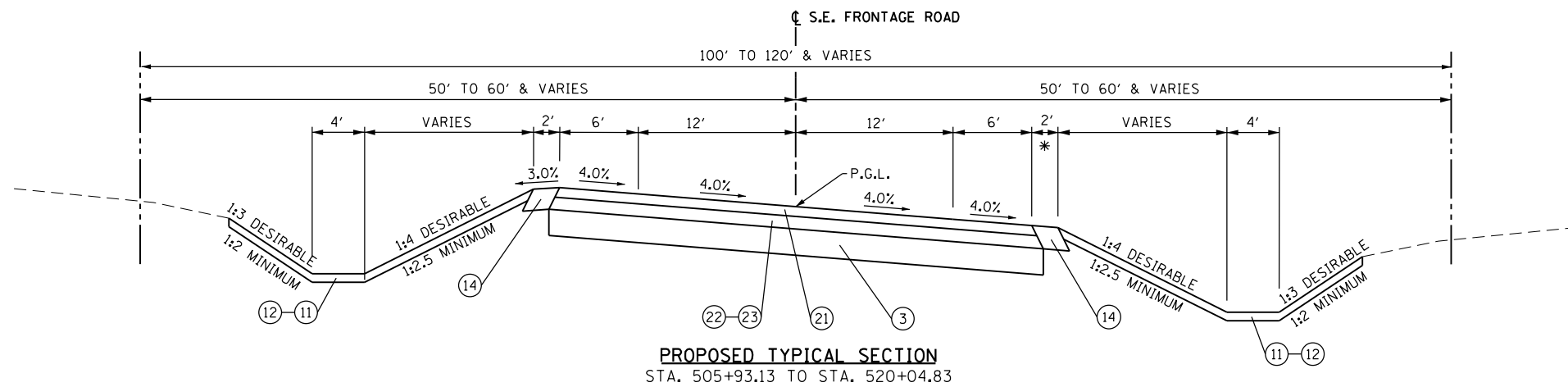
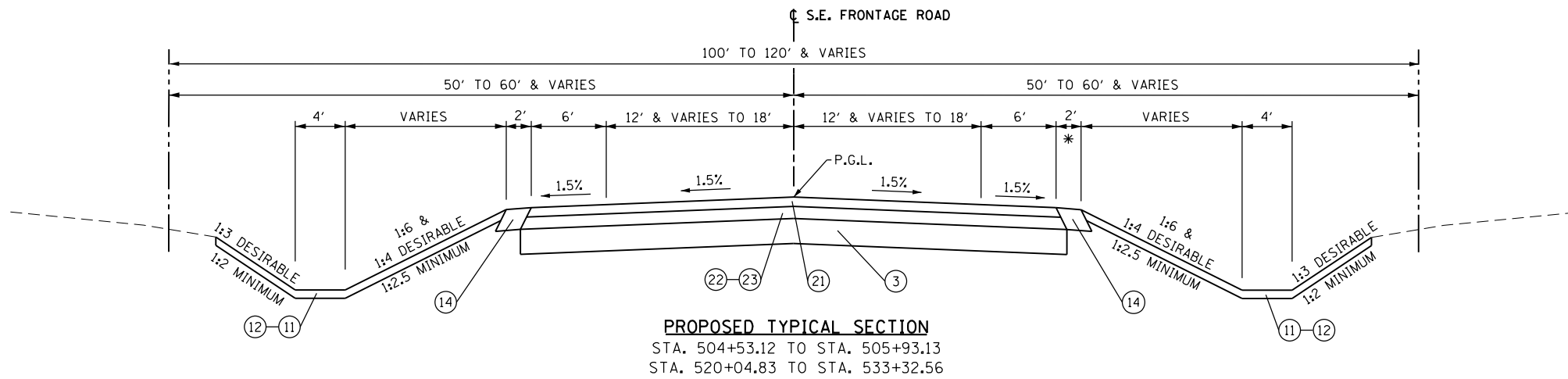


**LEGEND**  
 REMOVAL ITEMS

**PROPOSED LEGEND**

- ① P.C.C. PAVEMENT, 10 1/4" (JOINTED)
- ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑥ P.C.C. SHOULDERS, 10 1/4"
- ⑦ NOT USED
- ⑧ NO. 6 - 24" LONG, EPOXY-COATED TIE-BARS @ 24" C-C. DRILLED AND GROUTED (COST WILL BE INCLUDED IN CONC. CURB AND GUTTER)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" C-C. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" C-C. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑫ SEEDING, CLASS 2A
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑭ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑮ TOPSOIL EXCAVATION AND PLACEMENT (24")
- ⑯ NOT USED
- ⑰ NOT USED
- ⑱ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑲ BITUMINOUS MATERIAL (TACK COAT)
- ⑳ HOT-MIX ASPHALT SHOULDER, 10"
- \*\* ㉑ POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, 2"
- \*\* ㉒ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- \*\* ㉓ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 2"
- ㉕ AGGREGATE BASE COURSE, TYPE B, 8"

\*\* SHALL BE PAID FOR AS HMA PAVEMENT (FULL-DEPTH), 10"



**\* SHOULDER TREATMENT AT PROPOSED GUARDRAIL**

STA. 504+53.12 TO STA. 511+10

FILE NAME = 0160130-shr-typical5.dgn  
 PLOT DATE = 2/11/2016  
 PLOT SCALE = 1/20.000" / 1"

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

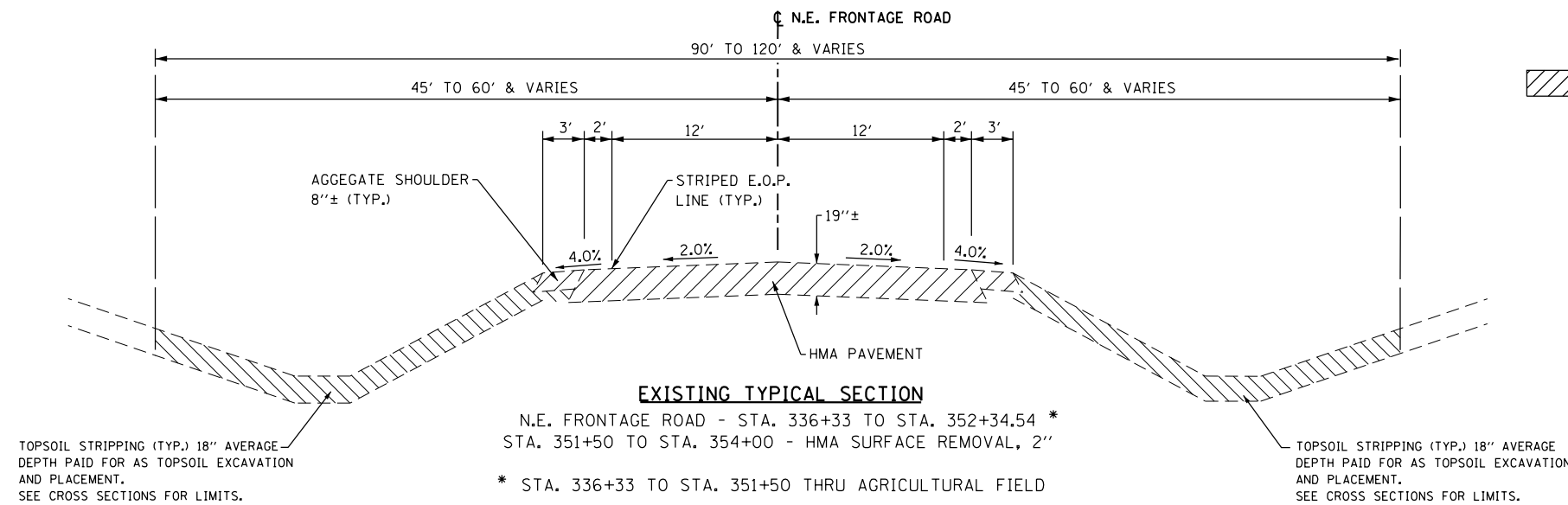
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**S.E. FRONTAGE ROAD**

SCALE: NONE SHEET NO. 5 OF 6 SHEETS STA. TO STA.

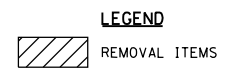
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	28
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYP-5

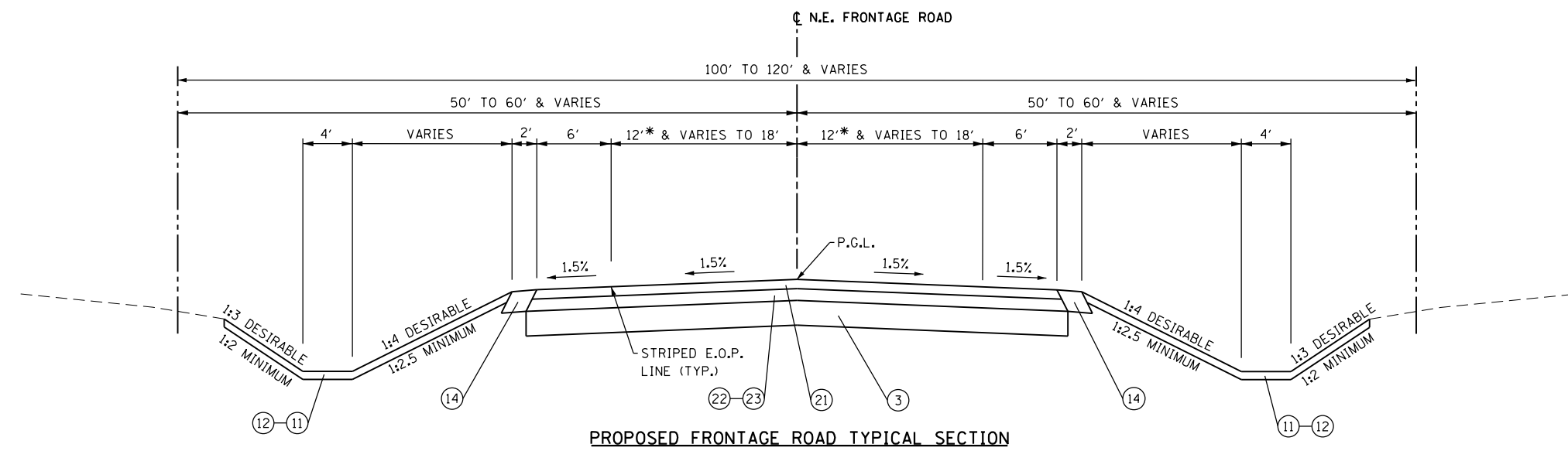


TOPSOIL STRIPPING (TYP.) 18" AVERAGE DEPTH PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT. SEE CROSS SECTIONS FOR LIMITS.

TOPSOIL STRIPPING (TYP.) 18" AVERAGE DEPTH PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT. SEE CROSS SECTIONS FOR LIMITS.



- PROPOSED LEGEND**
- ① P.C.C. PAVEMENT, 10 1/4" (JOINTED)
  - ② STABILIZED SUBBASE - HOT MIX ASPHALT, 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - ⑤ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
  - ⑥ P.C.C. SHOULDERS, 10 1/4"
  - ⑦ NOT USED
  - ⑧ NO. 6 - 24" LONG, EPOXY-COATED TIE-BARS @ 24" c-c. DRILLED AND GROUTED (COST WILL BE INCLUDED IN CONC. CURB AND GUTTER)
  - ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
  - ⑩ SAWED LONGITUDINAL JOINT WITH NO. 6 - 24" LONG EPOXY-COATED TIE-BARS @ 24" c-c. (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
  - ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4")
  - ⑫ SEEDING, CLASS 2A
  - ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  - ⑭ AGGREGATE SHOULDERS, TYPE B, 10"
  - ⑮ TOPSOIL EXCAVATION AND PLACEMENT (24")
  - ⑯ NOT USED
  - ⑰ NOT USED
  - ⑱ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
  - ⑲ BITUMINOUS MATERIAL (PRIME COAT)
  - ⑳ HOT-MIX ASPHALT SHOULDER, 10"
  - \*\* ㉑ POLYMERIZED HMA SURFACE COURSE, MIX 'E', N70, 2"
  - \*\* ㉒ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
  - \*\* ㉓ HOT-MIX ASPHALT BASE COURSE, 5 3/4"
  - ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 2"
  - ㉕ AGGREGATE BASE COURSE, TYPE B, 8"

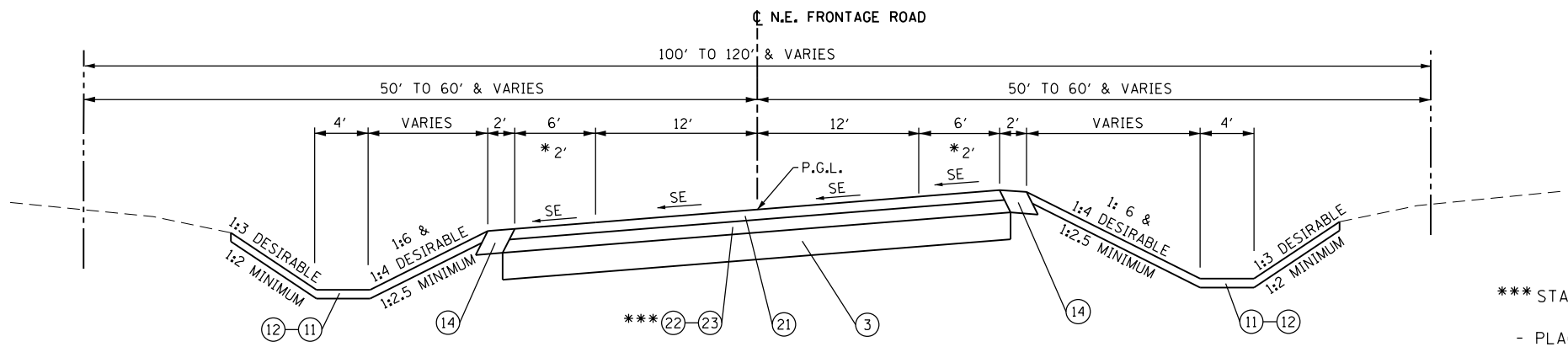


**PROPOSED FRONTAGE ROAD TYPICAL SECTION**

N.E. FRONTAGE ROAD - STA. 336+33 TO STA. 354+00

NOTE: STA. 351+50 TO STA. 354+00 - HMA RESURFACING USE ㉑ & STA. 599+25 TO STA. 600+00 - HMA RESURFACING USE ㉑ (N.E. FRONTAGE ROAD CONNECTOR)

\*\* SHALL BE PAID FOR AS HMA PAVEMENT (FULL-DEPTH), 10"



**PROPOSED TYPICAL SECTION**

STA. 337+17 TO STA. 342+61.75 (CURVE LEFT) SE = 3.8%  
 STA. 343+30.11 TO STA. 353+22.04 (CURVE RIGHT) SE = 4.0%  
 STA. 599+28 TO STA. 603+16.75 (CURVE RIGHT) SE = 3.6% (N.E. FRONTAGE ROAD CONNECTOR) \*

\*\*\* STA. 351+50 TO STA. 353+22

- PLACE FULL DEPTH HMA PAVEMENT TO WIDEN EXISTING PAVEMENT AND BUILD SHOULDER.
- ON EXISTING PAVEMENT VARY DEPTH OF BASE OR BINDER COURSE TO PROVIDE SE AND SE TRANSITION.

FILE NAME = 0160130-shr-typical6.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/20.000 ' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**N.E. FRONTAGE ROAD**

SCALE: NONE    SHEET NO. 6 OF 6 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	29
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYP-6



SIGNING REMOVAL SCHEDULE													
SIGN NAME	PAY ITEM			72400310 REMOVE SIGN PANEL TYPE 1	72400320 REMOVE SIGN PANEL TYPE 2	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A	SIGN SIZE						
	LOCATION		SIGN DESCRIPTION				W (IN)	D (IN)	(SQ FT)		(SQ FT)	(SQ FT)	(EACH)
	STATION	OFFSET											
U.S. ROUTE 6													
D4-I100	214+60	RT	FRONTAGE ROAD ENTRANCE	36	36	9.0	9.0						
M6-4	214+60	RT	DIR ARROW LEFT & RIGHT	36	24	6.0	6.0						
D4-2	214+90	RT	PARK AND RIDE (W.B.)	24	30	5.0	5.0						
R1-1	215+53	RT	STOP	36	36	9.0	9.0						
W4-4P	215+53	RT	CROSS TRAFFIC DOESN'T STOP	36	36	9.0	9.0						
D4-I100	215+75	LT	FRONTAGE ROAD ENTRANCE	36	36	9.0	9.0						
M6-4	215+75	LT	DIR ARROW LEFT & RIGHT	36	24	6.0	6.0						
R10-7	215+75	LT	DO NOT BLOCK INTERSECTION	18	30	3.8	3.8						
R8-1	215+90	RT	NO PARKING ON SHOULDER	24	30	5.0	5.0						
D4-2	214+90	RT	PARK AND RIDE	24	30	5.0	5.0						
R8-1	216+50	LT	NO PARKING ALONG ROADWAY	24	30	5.0	5.0						
R2-1	217+75	LT	SPEED LIMIT	30	36	7.5	7.5						
R2-1	217+90	RT	SPEED LIMIT	30	36	7.5	7.5						
R8-1	217+90	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	218+65	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	219+90	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
M2-1	220+08	LT	JCT	21	15	2.2	2.2						
M1-1	220+08	LT	INTERSTATE 55	24	24	4.0	4.0		1				
R8-1	220+08	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	221+46	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	221+60	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	221+80	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	222+20	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	222+60	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	223+43	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	223+79	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	225+18	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R2-1	227+26	RT	SPEED LIMIT	30	36	7.5	7.5						
R8-1	227+26	RT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
R8-1	227+28	LT	NO PARKING ALONG HIGHWAY	24	24	4.0	4.0						
W14-3	228+69	RT	NO PASSING ZONE	48	36	12.0	12.0						
W14-3	237+84	LT	NO PASSING ZONE	48	36	12.0	12.0						
R1-1	240+46	RT	STOP	30	30	6.3	6.3						
SOUTHEAST FRONTAGE ROAD													
W3-1	514+41	RT	STOP AHEAD	30	30	6.3	6.3						
W1-6L	514+41	RT	ARROW LEFT	48	24	8.0	8.0		1				
<b>TOTAL</b>				<b>177.0</b>	<b>24.0</b>	<b>2</b>							

NOTE: SEE ALSO PROPOSED SIGNING SCHEDULE FOR ADDITIONAL REMOVAL QUANTITIES WITH REGARDS TO THE REMOVAL OF RELOCATED SIGNS.

DRIVEWAY REMOVAL SCHEDULE				
LOCATION	OFFSET	PAY ITEM		
		44000200 DRIVEWAY PAVEMENT REMOVAL SQ YD	44000500 COMB. CURB AND GUTTER REMOVAL FOOT	
		U.S. ROUTE 6		
215+31	216+02	LT	257	
215+88	217+84	LT	554	
216+50	217+82	RT	316	
216+50	217+23	RT		119
217+67	217+84	RT		40
217+91	218+41	RT		81
217+95	219+50	RT	261	
218+34	219+11	RT		185
219+00	219+60	RT		60
219+42	220+45	RT		124
220+28	220+44	LT	51	
220+45	221+24	RT	161	
220+45	220+66	RT		40
220+50	220+67	LT		50
220+52	221+10	LT	134	
220+78	220+85	LT		26
220+96	221+13	LT		52
221+00	221+25	RT		43
222+05	222+93	RT	285	
222+21	222+27	RT		7
222+22	223+02	RT		80
222+55	223+16	LT	158	
222+56	222+67	LT		60
222+78	223+02	RT		45
222+91	223+10	LT		56
240+27	240+49	RT	23	
241+44	241+99	RT		56
Southeast Frontage Road				
515+00	515+50	LT	238	
521+98	524+45	LT/RT	1,212	516
515+53	515+84	LT	100	
516+54	516+67	LT	45	
<b>TOTAL</b>			<b>3,794</b>	<b>1,640</b>

FIELD ENTRANCE SCHEDULE				
LOCATION	LT/RT	PAY ITEM		
		35102000 AGGREGATE BASE COURSE, TYPE B 8"	40603335 HMA SURFACE COURSE, MIX "D", N50, 2"	
		<b>TOTAL</b>		

MULTI-USE PATH SCHEDULE				
LOCATION	OFFSET	PAY ITEM		
		35102000 AGGREGATE BASE COURSE, TYPE B 8"	40603335 HMA SURFACE COURSE, MIX "D", N50, 2"	
		<b>TOTAL</b>		

P.C.C. PAVING SCHEDULE				
LOCATION	OFFSET	PAY ITEM		
		42000506 P.C.C. PAVEMENT 10 1/4" (JOINTED) SQ YD	48300505 P.C.C. SHOULDERS, 10 1/4" SQ YD	
		U.S. ROUTE 6		
215+75	218+00	LT / RT	1,390	
218+00	233+00	LT / RT	10,106	
228+29	233+00	LT		419
228+65	233+00	RT		387
233+00	242+00	LT / RT	3,934	
233+00	242+00	LT		800
233+00	236+98	RT		354
236+98	237+79	RT		81
237+79	239+85	RT		229
240+50	242+00	RT		167
Northeast Frontage Road				
334+93	336+33	LT / RT	971	
335+42	336+33	LT		61
335+99	336+33	RT		23
Southeast Frontage Road				
531+86	533+33	LT / RT	1,119	
531+86	532+24	LT		25
531+86	532+81	RT		63
Manor Lane Return				
---	---	LT / RT	270	
---	---	RT		17
---	---	LT		19
<b>TOTAL</b>			<b>17,789</b>	<b>2,644</b>

HMA PAVING SCHEDULE				
LOCATION	OFFSET	PAY ITEM		
		40701881 HMA PAVEMENT (FULL-DEPTH), 10"	40603365 POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"	48203037 HOT MIX ASPHALT SHOULDERS 10"
		<b>TOTAL</b>		<b>19,338</b>

FILE NAME = D160130-sht-schedules2.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.033 ' / ' IN

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	991&2/AC-R-3	WILL	225	31
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



ENTRANCE SCHEDULE						
PAY ITEM		35501316	40603335	42300400	60600605	60603800
LOCATION	LT / RT	HMA BASE COURSE, 8"	HMA SUR COURSE MIX "D" N50, 2"	P.C.C. DRIVEWAY PAVEMENT, 8"	CONCRETE CURB, TYPE B	COMB. CONCRETE CURB & GUTTER, TYPE B-6.12
		SQ YD	TON	SQ YD	FOOT	FOOT
<b>U.S. ROUTE 6</b>						
N. Entrance to Park & Ride	RT	723.1	81.0			474.0
S. Entrance to Park & Ride	RT	322.3	36.1			
C.E. east of N. Entrance to Park & Ride	RT	65.3	7.3		108.0	
Entrance to Manor Motel	LT	232.6	26.1			
Additional pavement at Park & Ride Lot	RT	96.9	10.9			
Beyond ROW & between Motel entrances	LT	316.7	35.5			
C.E. at STA. 217+33	LT			136.1	98.0	
C.E. at STA. 217+51	RT	51.1	5.7	81.6	156.0	
C.E. at STA. 218+20	RT	39.5	4.4	64.8	79.0	
C.E. at STA. 219+26	RT	39.5	4.4	52.8	72.0	
C.E. at STA. 220+82	LT	5.9	0.7	87.9	64.0	
C.E. at STA. 220+84	RT	7.7	0.9	81.8		50.0
C.E. at STA. 222+59	RT	13.5	1.5	128.3		86.0
C.E. at STA. 222+82	LT	5.4	0.6	80.6	64.0	
Driveway off Manor Lane	RT	37.1	4.2			
<b>TOTAL</b>		<b>1,957</b>	<b>219</b>	<b>714</b>	<b>641</b>	<b>610</b>

U.S. ROUTE 6 AT I-55 EARTHWORK						
PAY ITEM	20200100				20201200	
LOCATION	EARTH EXCAVATION (CUT)	EARTH EX ADJ SHRINK 15% EARTH	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) SHORTHAGE (-)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
<b>U.S. ROUTE 6 STAGE 1</b>						
214+00	243+00	3,621	3,078	6,392	-3,314	0
<b>U.S. ROUTE 6 STAGE 2</b>						
214+00	243+00	4,149	3,527	2,750	777	0
<b>NORTHEAST FRONTAGE ROAD CONNECTOR STAGE 1</b>						
600+00	603+50	983	836	347	489	208
<b>NORTHEAST FRONTAGE ROAD STAGE 1</b>						
335+00	353+50	4,085	3,472	2,874	598	0
<b>SOUTHEAST FRONTAGE ROAD STAGE 1</b>						
517+50	533+00	2,545	2,163	3,820	-1,657	0
<b>SOUTHEAST FRONTAGE ROAD STAGE 2</b>						
504+53.12	517+00	1,561	1,327	10,015	-8,688	0
<b>EXCESS TOPSOIL (SEE TOPSOIL SCHEDULE.)</b>					14,545	
<b>TOTAL</b>	<b>16,944</b>	<b>14,402</b>	<b>26,198</b>	<b>-11,796</b>	<b>14,753</b>	
<b>FURNISH EXCAVATION (ITEM 20400800)</b>					-11,796	

AGGREGATE SHOULDER SCHEDULE				
PAY ITEM		48101620		
LOCATION	OFFSET	AGGREGATE SHOULDERS, TYPE B 10"		
		SQ YD		
<b>U.S. ROUTE 6</b>				
228+50	246+00	LT		354.2
228+90	240+00	RT		243.3
240+34	242+00	RT		33.3
<b>SEFR</b>				
504+53	511+10	RT		219.0
511+10	528+48	RT		386.2
504+53	528+00	LT		565.4
528+48	532+80	RT		96.0
528+00	532+23	LT		94.0
<b>NEFR</b>				
336+00	353+00	RT		377.8
335+43	347+72	LT		273.1
348+35	351+68	LT		74.0
<b>NEFR CONNECTOR</b>				
600+00	603+70	LT		82.2
600+00	603+72	RT		82.7
<b>TOTAL</b>				<b>2,882</b>

SIDEWALK SCHEDULE						
PAY ITEM		42400200			42400800	
LOCATION	OFFSET	PCC SIDEWALK 5 INCH		DETECTABLE WARNINGS		
		SQ FT		SQ FT		
<b>U.S. ROUTE 6</b>						
213+48	213+77	RT (island)	133			20
213+98	214+23	LT (island)	317			50
214+06	214+12	LT/RT (median)	103			20
214+03	214+96	RT	465			40
215+44	217+30	RT	1,007			10
217+70	217+98	RT	127			-
218+41	219+08	RT	335			-
219+44	220+62	RT	590			-
221+04	222+36	RT	660			-
222+82	226+49	RT	1,882			10
214+32	214+50	LT	150			20
227+30	227+45	RT	65			10
226+53	226+71	LT	149			20
227+41	227+57	LT	141			20
<b>TOTAL</b>			<b>6,122</b>			<b>220</b>

MAINLINE COMB. CURB & GUTTER SCHEDULE						
PAY ITEM		60605000		60610400		
LOCATION	OFFSET	COMB. CONCRETE CURB & GUTTER, TY. B-6.24		COMB. CONCRETE CURB & GUTTER, TY. M-6.24		
		FOOT		FOOT		
<b>U.S. ROUTE 6</b>						
213+42	213+87	RT				153
213+75	218+00	RT MEDIAN	432			
213+75	218+00	LT	428			
213+95	214+52	LT				186
214+09	218+00	LT	428			
214+73	218+00	RT	326			
218+00	226+75	LT	896			
218+00	225+83	RT	783			
218+00	223+96	RT MEDIAN	596			
218+00	223+96	LT MEDIAN	596			
225+83	226+80	RT	158			
227+24	228+91	RT	186			
229+97	233+00	LT MEDIAN	303			
229+97	233+00	RT MEDIAN	303			
233+00	236+58	RT MEDIAN	350			
233+00	236+58	LT MEDIAN	350			
227+24	228+52	LT	196			
<b>TOTAL</b>			<b>6,331</b>			<b>339</b>

SLEEPER SLAB SCHEDULE				
PAY ITEM		Z0073346		
LOCATION	OFFSET	SLEEPER SLAB		
		FOOT		
<b>U.S. ROUTE 6</b>				
226+00	227+80	37' LT		180
226+04	228+13	37' RT		205
<b>TOTAL</b>				<b>385</b>

MEDIAN SCHEDULE				
PAY ITEM	60620000	X6060300	60618300	60624600
LOCATION	CONCRETE MEDIAN, TYPE SB-6.24	CONC. MEDIAN, TYPE SB-6.24 (SPECIAL)	CONCRETE MEDIAN SURFACE, 4"	CORRUGATED MEDIAN
	SQ FT	SQ FT	SQ FT	SQ FT
<b>U.S. ROUTE 6</b>				
213+42	213+87		671	
213+95	214+52		814	
213+77	213+86	58		
223+96	226+25		1,607	
227+75	229+97		1,557	
236+15	237+75			916
237+75	239+25			600
<b>TOTAL</b>	<b>58</b>	<b>3,164</b>	<b>1,485</b>	<b>1,516</b>

TOPSOIL SCHEDULE				
PAY ITEM	DESCRIPTION	A	B	C
		AVAILABLE TOPSOIL (TOPSOIL EXCAVATION)	21101505 TOPSOIL EXCAVATION AND PLACEMENT	C = A - B * EXCESS TOPSOIL
		CU YD	CU YD	CU YD
<b>U.S. ROUTE 6 STAGE 1</b>				
214+00	243+00		5,866	
<b>U.S. ROUTE 6 STAGE 2</b>				
214+00	243+00		2,756	
<b>NORTHEAST FRONTAGE ROAD CONNECTOR STAGE 1</b>				
600+00	603+50		1,418	
<b>NORTHEAST FRONTAGE ROAD STAGE 1</b>				
335+00	353+50		8,758	
<b>SOUTHEAST FRONTAGE ROAD STAGE 1</b>				
517+50	533+00		3,756	
<b>SOUTHEAST FRONTAGE ROAD STAGE 2</b>				
504+53.12	517+00		2,575	
<b>TOPSOIL PLACEMENT, 4"</b>				
71,876	SQ YD		7,986	
<b>TOPSOIL PLACEMENT, 24"</b>				
3,896	SQ YD		2,597	
<b>TOTAL</b>		<b>25,129</b>	<b>10,584</b>	<b>14,545</b>

\* EXCESS TOPSOIL EXCAVATION PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"

FILE NAME = D:\60130-sht-schedules3.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.033' / IN.

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**  
 SCALE: NONE SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	32
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



DRAINAGE STRUCTURE & PIPE SCHEDULE																	
PAY ITEM			20800150	550A0050	550A0140	550A0340	550A0380	550A0410	550A0430	60200105	60200805	60201340	60207605	60220005	60218400	60223800	60224469
DESC.	STATION	OFFSET	TRENCH BACKFILL	STORM SEWER TYPE 1		STORM SEWER TYPE 2				CATCH BASIN TYPE A	CATCH BASIN TYPE A		CATCH BASIN TYPE C	MANHOLE TYPE A			
				12"	30"	12"	18"	24"	30"	4 DIA T1F&G OL	4 DIA T8G	4 DIA T24F&G	T8G	4 DIA MED INL	4 DIA T1F CL	6 DIA T1F CL	9 DIA T1F CL
				CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
U.S. ROUTE 6																	
1	215+69	96.0	LT	0.0							1						
2	216+00	72.0	RT	9.4		24					1						
3	215+96	46.5	RT	89.6				110							1		
4	215+86	51.0	LT	5.2		45				1							
4A	216+50	49.1	LT	24.7		62				1							
5	216+90	46.5	RT	146.2				88							1		
6	217+10	39.0	RT	5.1		16				1							
7	218+50	39.0	LT	13.0		50				1							
8	218+96	46.0	LT	30.9				90							1		
8A	219+38	61.5	LT	1.6	16					1							
8B	219+50	46.0	LT	14.6				50							1		
9	218+94	46.5	RT	79.5				200							1		
9A	218+04	39.0	RT	2.0		8				1							
10	219+60	46.5	RT	23.7				65							1		
11	219+50	39.0	RT	2.8		10				1							
12	219+65	39.0	RT	2.8		10				1							
13	219+60	0.0	RT	7.1		40				1							
14	219+50	39.0	LT	1.5		6				1							
15	219+65	39.0	LT	3.4	15					1							
16	220+58	46.0	LT	27.5				104							1		
17	221+25	61.5	LT	2.7	20					1							
18	221+25	46.0	LT	18.3				65							1		
19	221+25	39.0	LT	1.8		7				1							
20	221+25	46.5	RT	62.9				165							1		
21	221+25	39.0	RT	1.5		5				1							
22	223+10	46.5	RT	69.9		185									1		
23	223+10	39.0	RT	2.3		7				1							
24	223+20	39.0	LT	2.2		6				1							
25	223+20	46.0	LT	65.0		195									1		
26	223+60	61.5	LT	6.0		40							1				
27	224+30	39.0	RT	34.8		120				1							
28	224+20	39.0	LT	31.2		100				1							
29	215+03	115.8	RT	43.6				110							1		
PARKING LOT																	
30	214+90	229.7	RT	5.9		92									1		
31	515+65	60.7	LT	16.8					170						1		
32	514+47	47.5	RT	0.0													
33	214+58	189.9	RT	1.7	22					1							
34	214+45	213.9	RT	0.2		32				1		1					
35	515+98	137.4	LT	0.0													
36	515+76	112.2	LT	1.8	50					1							
37	509+97	45.1	LT	0.0													1
38	511+06	42.3	LT	0.0				5							1		
38A	511+14	42.3	LT	0.0				6						1			
NEFRD																	
39 exist	351+35	39.4	LT	6.1		68											
40	351+35	35.8	RT	0.0													
TOTAL																	
			866	123	160	968	455	603	170	2	6	16	1	1	4	11	1

PIPE CULVERT & CONCRETE END SECTION SCHEDULE									
PAY ITEM		20800150	542A0220	542A0223	54213657	54261315		54261418	54261430
STATION	TRENCH BACKFILL	15"	18"	12"	15"			18"	30"
		PIPE CUL TYPE 1	PIPE CUL TYPE 1	PRC FES	CES, 1:3 STD 542001			CES, 1:4 STD 542001	CES, 1:4 STD 542001
FROM	TO	CU YD	FOOT	FOOT	EACH	EACH		EACH	EACH
U.S. ROUTE 6									
239+82	240+50	0.0	56				2		
SEFRD									
523+50	523+50	5.1		60				2	
524+86	525+14	1.9	28			2			
514+47		0.0							1
NEFRD									
339+33	339+67	0.0	28				2		
341+94	342+35	0.6	28				2		
343+50	343+50	7.9		61				2	
351+35	351+35	0.0							1
NEFRD CONNECTOR									
603+00	603+00	4.3		58				2	
PARKING LOT									
515+98		0.0				1			
TOTAL									
		20	140	179	1	8		6	2

FILE NAME = D:\60130-shr-schedules5.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.033' / 1"



DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

REVISED -  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	34
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PERMANENT DITCH CHECK AND ROCK CHECK DAM SCHEDULE										
PAY ITEM							28000315	28200200		
LOCATION	LT / RT	LT SLOPE	WIDTH	RT SLOPE	TOTAL LENGTH	TOTAL VOL.		AGG DITCH CHECKS (0.193 TON / FT)	FILTER FABRIC (7 SF/FT = 0.778 SY/FT)	
							FT	CU FT	TON	SQ YD
<b>ROCK CHECK DAM</b>										
<b>SEFR</b>										
523+20	RT	SIZE = 2 FT x 6 FT x 8 FT					96		19	
511+25	RT	SIZE = 2 FT x 6 FT x 8 FT					96		19	
<b>PERMANENT DITCH CHECK</b>										
<b>SEFR</b>										
511+50	RT	4:1	12	3:1	21			4.12	17	
512+00	RT	4:1	12	3:1	21			4.12	17	
512+50	RT	4:1	12	3:1	21			4.12	17	
513+00	RT	4:1	16	3:1	25			4.89	20	
513+50	RT	4:1	22	3:1	31			6.05	24	
517+75	RT	4:1	4	3:1	13			2.57	10	
518+75	RT	4:1	4	3:1	13			2.57	10	
519+75	RT	4:1	4	3:1	13			2.57	10	
520+75	RT	4:1	4	3:1	13			2.57	10	
521+75	RT	4:1	4	3:1	13			2.57	10	
522+75	RT	4:1	4	3:1	13			2.57	10	
523+50	RT	4:1	4	3:1	13			2.57	10	
523+88	RT	4:1	4	3:1	13			2.57	10	
542+26	RT	4:1	4	3:1	13			2.57	10	
524+64	RT	4:1	4	3:1	13			2.57	10	
525+00	RT	4:1	4	3:1	13			2.57	10	
526+00	RT	4:1	4	3:1	13			2.57	10	
527+00	RT	4:1	4	3:1	13			2.57	10	
528+00	RT	4:1	4	3:1	13			2.57	10	
<b>TOTAL</b>									<b>97</b>	<b>239</b>

FILE NAME = D160130-sht-schedules6.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.033' / in.



**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

REVISED -  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: NONE      SHEET NO. 6 OF 6 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	35
<b>CONTRACT NO. 60130</b>				
<small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>				

PROP. CURVE US6-CL-1  
 PI STA. = 197+04.99  
 $\Delta = 24^\circ 50' 17''$  (RT)  
 $D = 0^\circ 34' 00''$   
 $R = 10,109.08'$   
 $T = 2,226.14'$   
 $L = 4,382.34'$   
 $E = 242.21'$   
 $e = \text{N.C.}$   
 $T.R. = \text{N/A}$   
 $S.E. \text{ RUN} = \text{N/A}$   
 $P.C. \text{ STA.} = 174+78.85$   
 $P.T. \text{ STA.} = 218+61.19$

PROP. CURVE US6-CL-2  
 PI STA. = 225+78.45  
 $\Delta = 2^\circ 50' 46''$  (LT)  
 $D = 0^\circ 11' 54''$   
 $R = 28,872.22'$   
 $T = 717.26'$   
 $L = 1,434.22'$   
 $E = 8.91'$   
 $e = \text{N.C.}$   
 $T.R. = \text{N/A}$   
 $S.E. \text{ RUN} = \text{N/A}$   
 $P.C. \text{ STA.} = 218+61.19$   
 $P.T. \text{ STA.} = 232+95.41$

BM S-142 ELEV. 558.68  
 BRASS DISK ON N.W. CORNER  
 OF BRIDGE PARAPET.

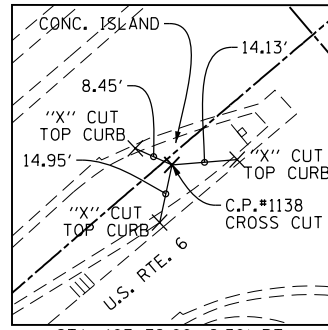
C.P. 7 ELEV. 221' LT.  
 STA. 215+80  
 "X" ON CONCRETE SLAB AT  
 MANOR HOTEL

T.B.M. 1 ELEV. 543.96  
 STA. 202+15 70' RT.  
 "X" ON N.E. BOLT OF FIRE HYDRANT

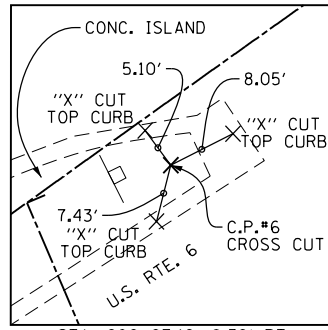
T.B.M. 2 ELEV. 543.51  
 STA. 204+40 66' RT.  
 SQUARE ON CONCRETE BASE B.P.  
 GAS STATION SIGN

PROP. CURVE US6-CL-3  
 PI STA. = 234+82.38  
 $\Delta = 2^\circ 36' 45''$  (RT)  
 $D = 0^\circ 41' 55''$   
 $R = 8,200.00'$   
 $T = 186.97'$   
 $L = 373.88'$   
 $E = 2.13'$   
 $e = \text{N.C.}$   
 $T.R. = \text{N/A}$   
 $S.E. \text{ RUN} = \text{N/A}$   
 $P.C. \text{ STA.} = 232+95.41$   
 $P.T. \text{ STA.} = 236+69.29$

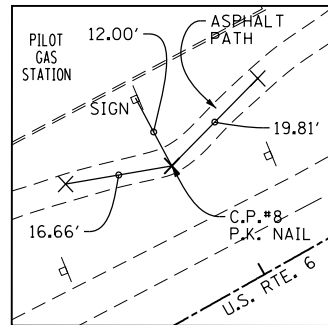
PROP. CURVE US6-CL-4  
 PI STA. = 239+61.99  
 $\Delta = 4^\circ 05' 19''$  (LT)  
 $D = 0^\circ 41' 55''$   
 $R = 8,200.00'$   
 $T = 292.70'$   
 $L = 585.15'$   
 $E = 5.22'$   
 $e = \text{N.C.}$   
 $T.R. = \text{N/A}$   
 $S.E. \text{ RUN} = \text{N/A}$   
 $P.C. \text{ STA.} = 236+69.29$   
 $P.T. \text{ STA.} = 242+54.44$



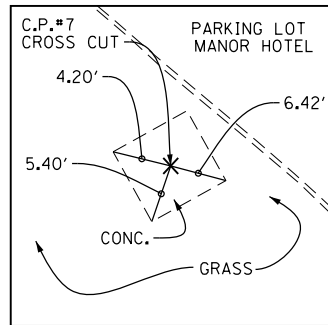
STA. 197+72.09, 2.39' RT.  
 C.P. # 1138  
 N 1743602.676  
 E 1020987.386



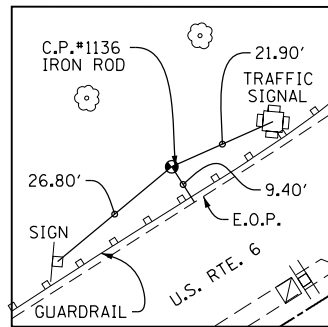
STA. 206+67.12, 8.32' RT.  
 C.P. # 6  
 N 1744210.207  
 E 1021643.679



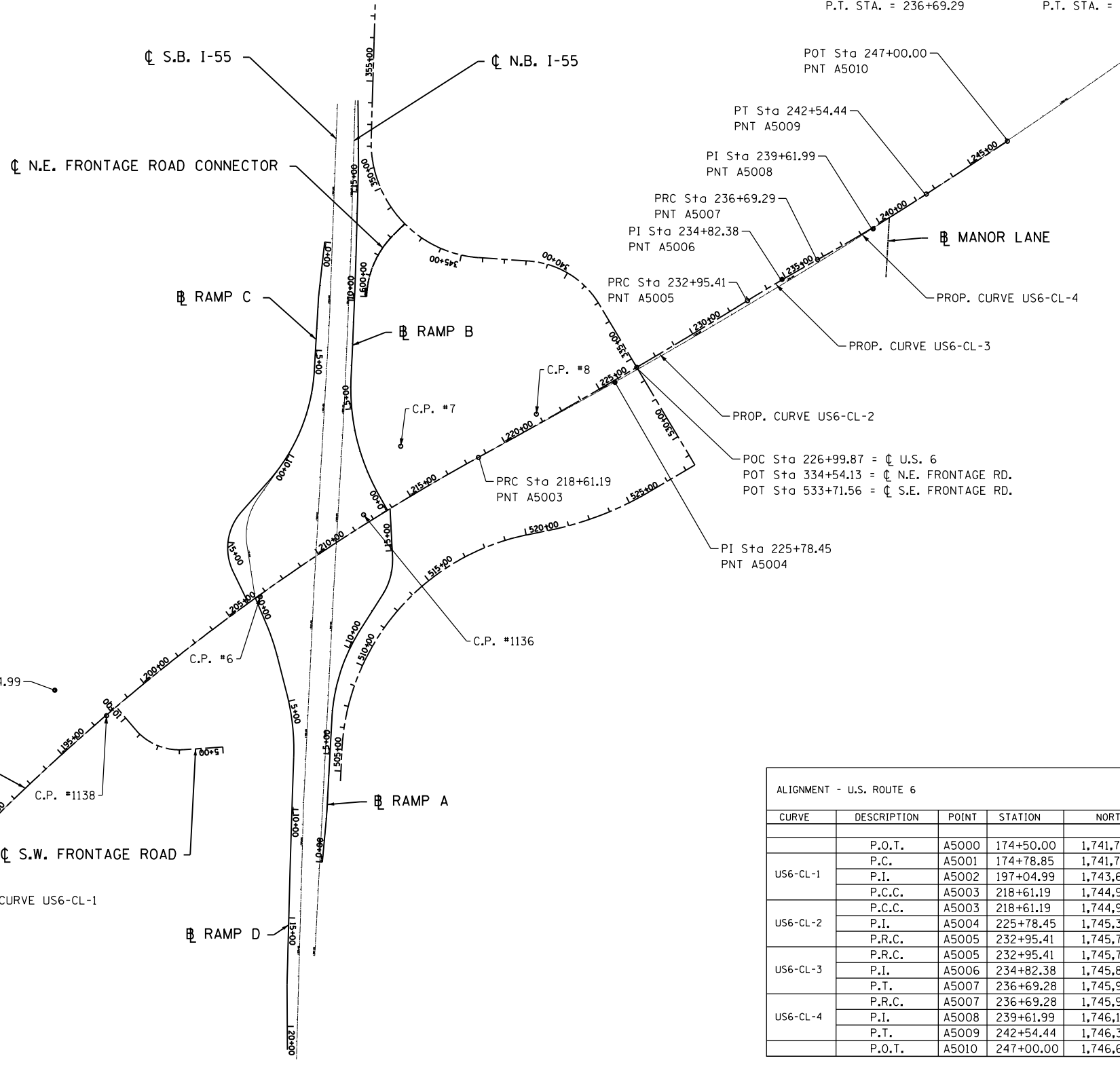
STA. 221+91.33, 43.79' LT.  
 C.P. # 8  
 N 1745160.523  
 E 1022836.522



STA. 215+80.16, 221.30' LT.  
 C.P. # 7  
 N 1744958.260  
 E 1022227.225



STA. 211+72.70, 40.20' LT.  
 C.P. # 1136  
 N 1744628.703  
 E 1022084.781



ALIGNMENT - U.S. ROUTE 6						
CURVE	DESCRIPTION	POINT	STATION	NORTHING	EASTING	
		P.O.T.	A5000	174+50.00	1,741,771.41	1,024,571.65
		P.C.	A5001	174+78.85	1,741,796.07	1,019,583.31
US6-CL-1		P.I.	A5002	197+04.99	1,743,698.30	1,020,739.69
		P.C.C.	A5003	218+61.19	1,744,938.83	1,022,588.15
US6-CL-2		P.C.C.	A5003	218+61.19	1,744,938.83	1,022,588.15
		P.I.	A5004	225+78.45	1,745,338.53	1,023,183.72
		P.R.C.	A5005	232+95.41	1,745,767.30	1,023,758.71
US6-CL-3		P.R.C.	A5005	232+95.41	1,745,767.30	1,023,758.71
		P.I.	A5006	234+82.38	1,745,879.07	1,023,908.59
US6-CL-4		P.T.	A5007	236+69.29	1,745,983.90	1,024,063.41
		P.R.C.	A5007	236+69.29	1,745,983.90	1,024,063.41
		P.I.	A5008	239+61.99	1,746,147.99	1,024,305.79
		P.T.	A5009	242+54.44	1,746,328.96	1,024,535.85
		P.O.T.	A5010	247+00.00	1,746,604.42	1,024,886.05

FILE NAME = D:\60130-sht-ATB1.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 600.000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - A.Y.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
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 REVISED -

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

**ALIGNMENT PLAN AND TIES - U.S. 6**

SCALE: 1" = 300' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 55 99(1&2)AC-R-3 WILL 225 36  
 CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

ATB-1

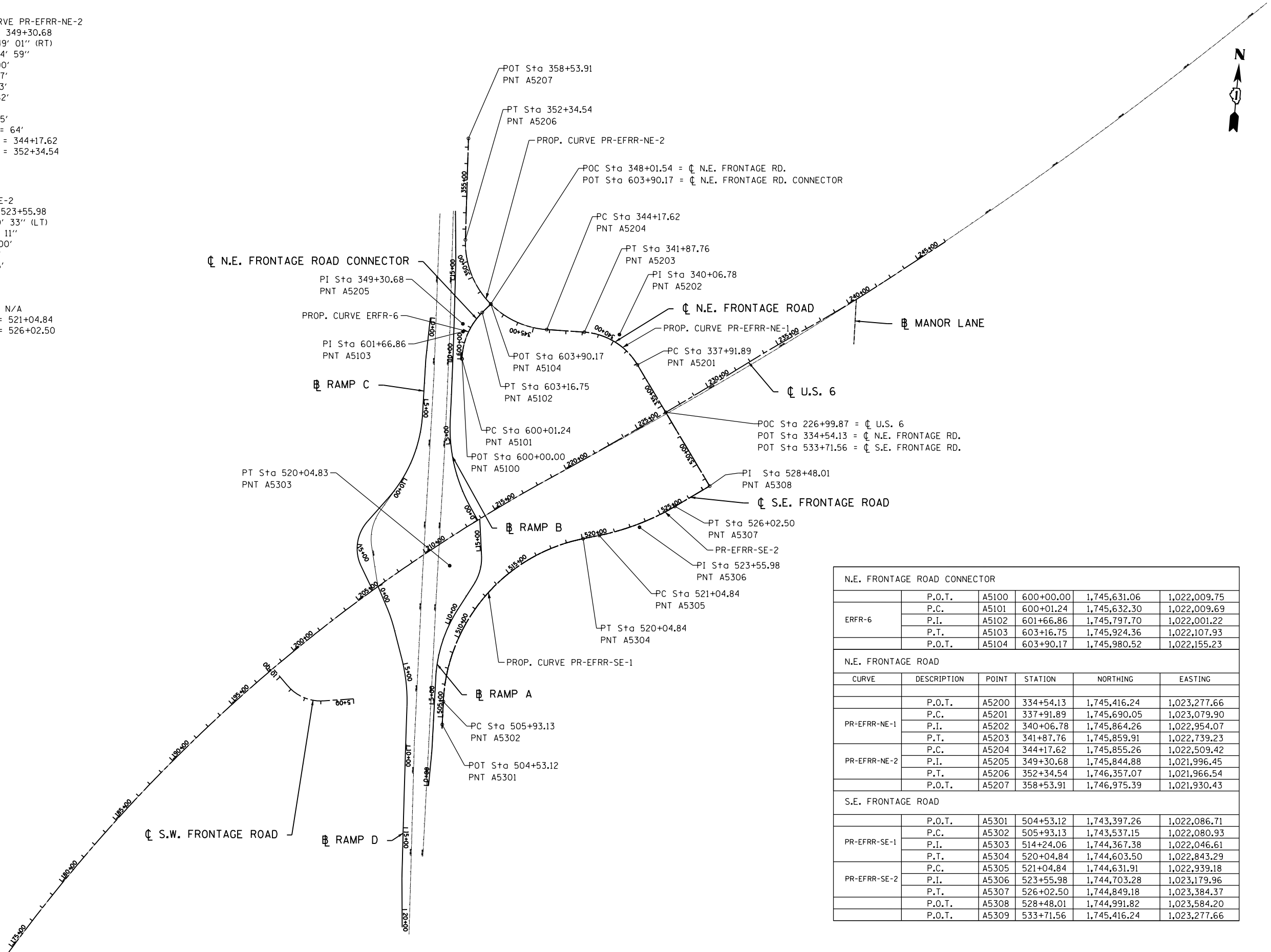
PROP. CURVE PR-EFRR-NE-1  
 PI STA. = 340+06.78  
 $\Delta = 55^\circ 19' 14''$  (LT)  
 D = 13° 58' 28"  
 R = 410.00'  
 T = 214.89'  
 L = 395.86'  
 E = 52.90'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 337+91.89  
 P.T. STA. = 341+87.76

PROP. CURVE PR-EFRR-NE-2  
 PI STA. = 349+30.68  
 $\Delta = 87^\circ 49' 01''$  (RT)  
 D = 10° 44' 59"  
 R = 533.00'  
 T = 513.07'  
 L = 816.93'  
 E = 206.82'  
 e = 4.0%  
 T.R. = 31.5'  
 S.E. RUN = 64'  
 P.C. STA. = 344+17.62  
 P.T. STA. = 352+34.54

PR-EFRR-SE-1  
 PI STA. = 514+24.06  
 $\Delta = 75^\circ 51' 30''$  (RT)  
 D = 5° 22' 25"  
 R = 1,066.26'  
 T = 830.93'  
 L = 1,411.71'  
 E = 285.54'  
 e = 4.0%  
 T.R. = 45'  
 S.E. RUN = 132'  
 P.C. STA. = 505+93.13  
 P.T. STA. = 520+04.84

PR-EFRR-SE-2  
 PI STA. = 523+55.98  
 $\Delta = 19^\circ 00' 33''$  (LT)  
 D = 3° 49' 11"  
 R = 1,500.00'  
 T = 251.14'  
 L = 497.66'  
 E = 20.88'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 521+04.84  
 P.T. STA. = 526+02.50

PROP. CURVE ERFR-6  
 PI STA. = 601+66.86  
 $\Delta = 43^\circ 02' 40''$  (RT)  
 D = 13° 38' 35"  
 R = 419.96'  
 T = 165.62'  
 L = 315.51'  
 E = 31.48'  
 e = 3.6%  
 T.R. = 27.5'  
 S.E. RUN = 66'  
 P.C. STA. = 600+01.24  
 P.T. STA. = 603+16.75



N.E. FRONTAGE ROAD CONNECTOR					
ERFR-6	P.O.T.	A5100	600+00.00	1,745,631.06	1,022,009.75
	P.C.	A5101	600+01.24	1,745,632.30	1,022,009.69
	P.I.	A5102	601+66.86	1,745,797.70	1,022,001.22
	P.T.	A5103	603+16.75	1,745,924.36	1,022,107.93
	P.O.T.	A5104	603+90.17	1,745,980.52	1,022,155.23

N.E. FRONTAGE ROAD					
CURVE	DESCRIPTION	POINT	STATION	NORTHING	EASTING
PR-EFRR-NE-1	P.O.T.	A5200	334+54.13	1,745,416.24	1,023,277.66
	P.C.	A5201	337+91.89	1,745,690.05	1,023,079.90
	P.I.	A5202	340+06.78	1,745,864.26	1,022,954.07
	P.T.	A5203	341+87.76	1,745,859.91	1,022,739.23
PR-EFRR-NE-2	P.C.	A5204	344+17.62	1,745,855.26	1,022,509.42
	P.I.	A5205	349+30.68	1,745,844.88	1,021,996.45
	P.T.	A5206	352+34.54	1,746,357.07	1,021,966.54
	P.O.T.	A5207	358+53.91	1,746,975.39	1,021,930.43

S.E. FRONTAGE ROAD					
PR-EFRR-SE-1	P.O.T.	A5301	504+53.12	1,743,397.26	1,022,086.71
	P.C.	A5302	505+93.13	1,743,537.15	1,022,080.93
	P.I.	A5303	514+24.06	1,744,367.38	1,022,046.61
	P.T.	A5304	520+04.84	1,744,603.50	1,022,843.29
PR-EFRR-SE-2	P.C.	A5305	521+04.84	1,744,631.91	1,022,939.18
	P.I.	A5306	523+55.98	1,744,703.28	1,023,179.96
	P.T.	A5307	526+02.50	1,744,849.18	1,023,384.37
	P.O.T.	A5308	528+48.01	1,744,991.82	1,023,584.20
	P.O.T.	A5309	533+71.56	1,745,416.24	1,023,277.66

FILE NAME = 0160130-shr-ATB2.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 600.000 / 1 in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
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 PHONE: (312) 577-3300

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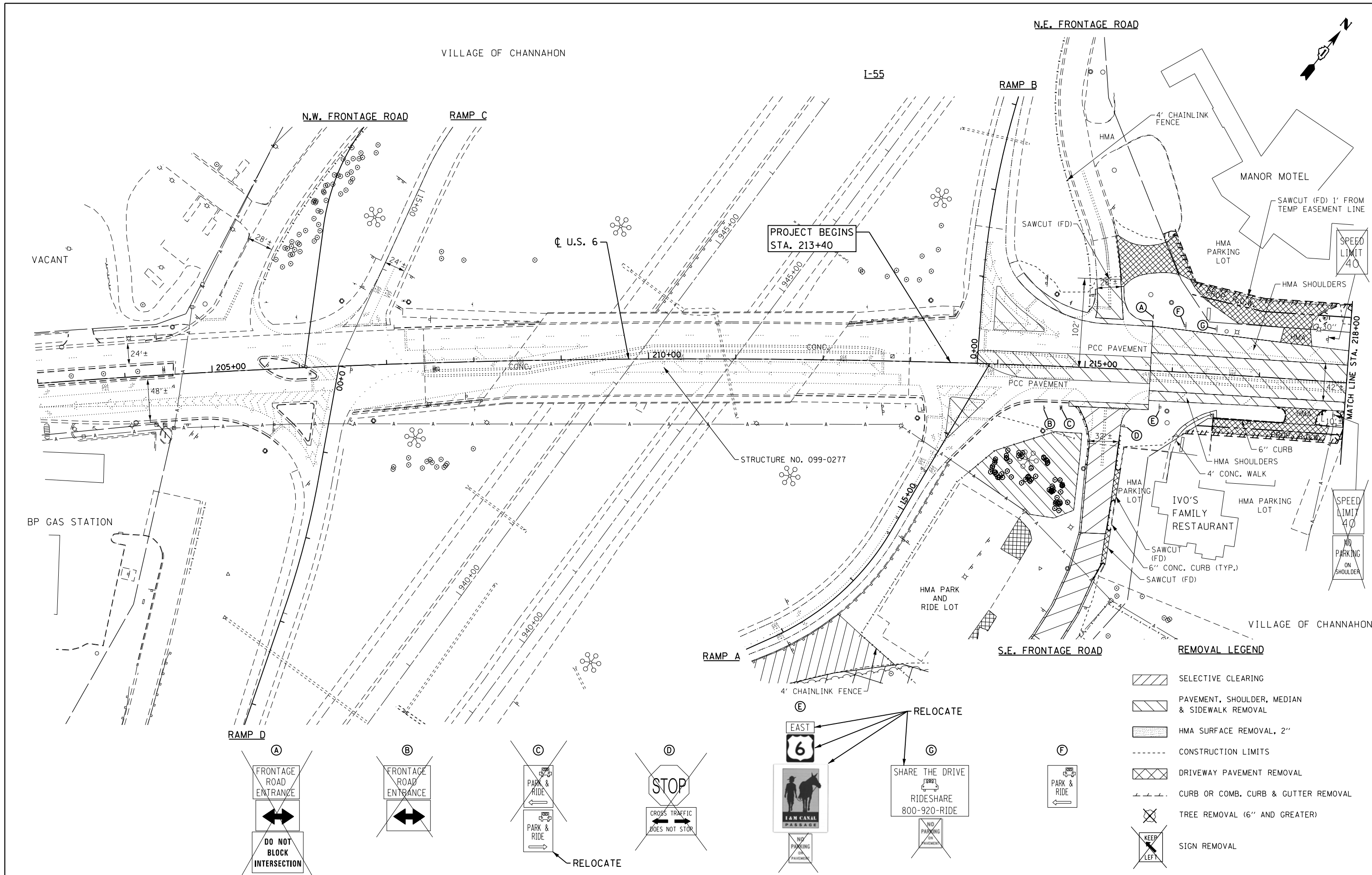
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN  
 SE AND NE FRONTAGE ROADS**

SCALE: 1" = 300' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

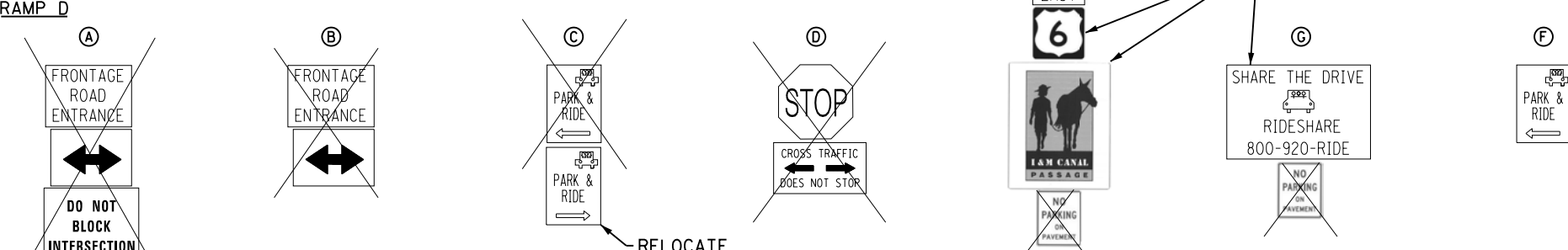
F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 55 991(1&2)AC-R-3 WILL 225 37  
 CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

ATB-2



**REMOVAL LEGEND**

	SELECTIVE CLEARING
	PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, 2"
	CONSTRUCTION LIMITS
	DRIVEWAY PAVEMENT REMOVAL
	CURB OR COMB. CURB & GUTTER REMOVAL
	TREE REMOVAL (6" AND GREATER)
	SIGN REMOVAL



FILE NAME = 0160130-sht-rem01.dgn  
 PLOT DATE = 1/28/2016  
 PLOT SCALE = 100.0000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 18, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN  
 U.S 6**  
 SCALE: 1" = 50'  
 SHEET NO. 1 OF 6 SHEETS  
 STA. 213+40 TO STA. 218+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	38
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

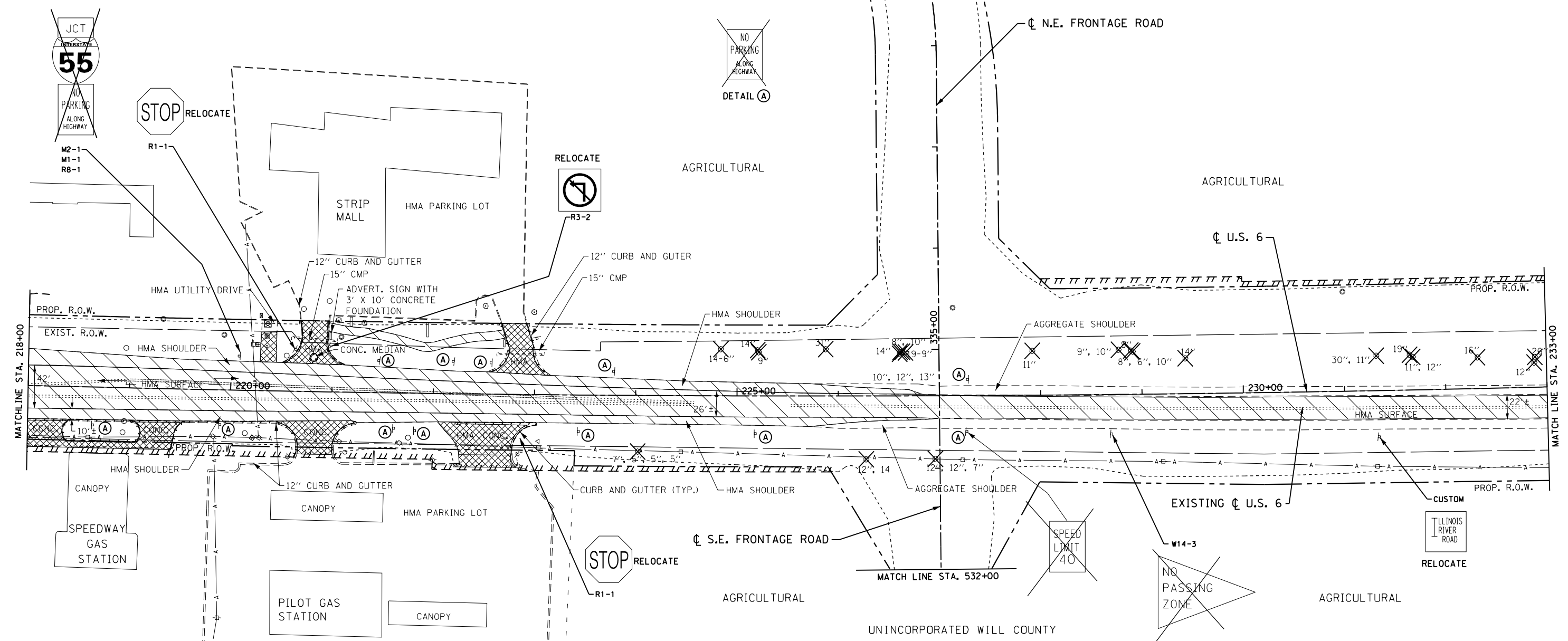


**REMOVAL LEGEND**

	SELECTIVE CLEARING
	PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, 2"
	CONSTRUCTION LIMITS
	DRIVEWAY PAVEMENT REMOVAL
	CURB OR COMB. CURB & GUTTER REMOVAL
	TREE REMOVAL (6" AND GREATER)
	SIGN REMOVAL

VILLAGE OF CHANNAHON

VILLAGE OF CHANNAHON



FILE NAME = 0160130-shr-rem02.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 1' / 1/4" = 10'

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

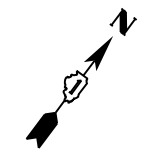
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN  
 U.S 6**

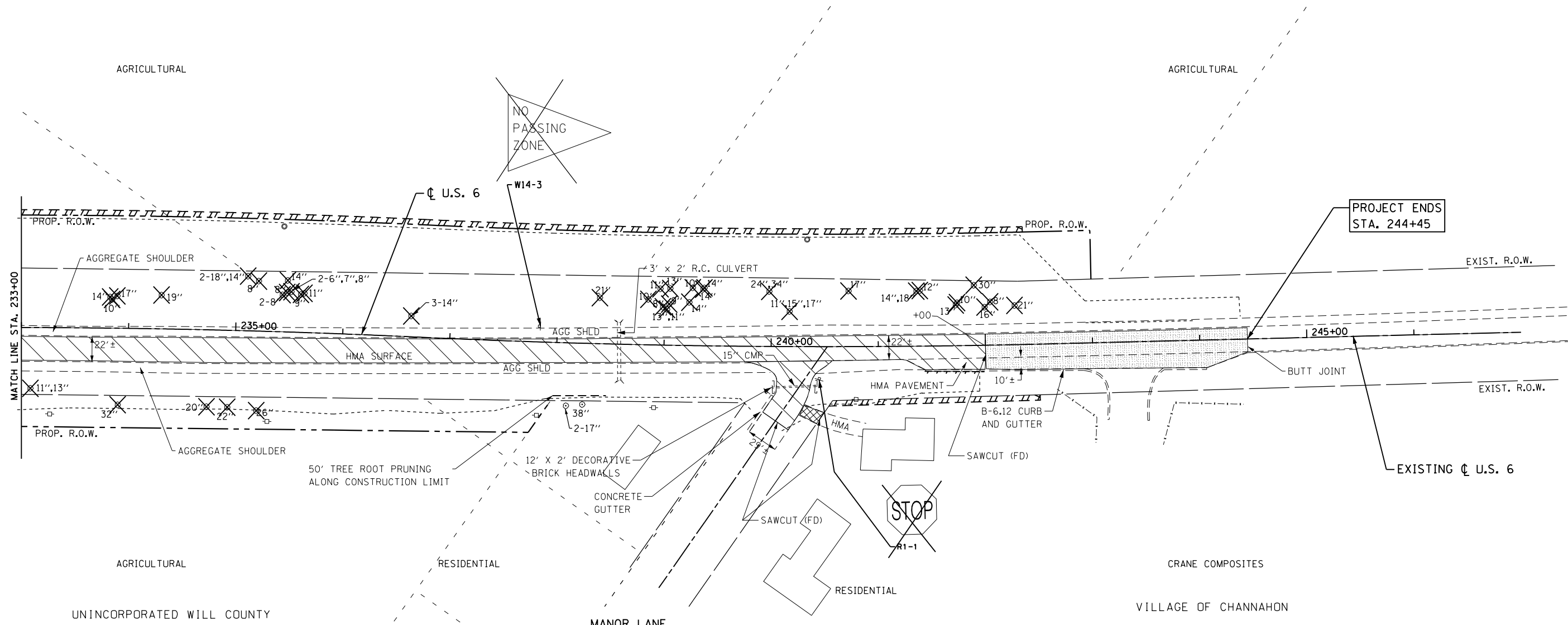
SCALE: 1" = 50'    SHEET NO. 2 OF 6 SHEETS    STA. 218+00 TO STA. 233+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	





VILLAGE OF CHANNAHON



PROJECT ENDS  
STA. 244+45

EXISTING  $\phi$  U.S. 6

REMOVAL LEGEND

- SELECTIVE CLEARING
- PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
- HMA SURFACE REMOVAL, 2"
- CONSTRUCTION LIMITS
- DRIVEWAY PAVEMENT REMOVAL
- CURB OR COMB, CURB & GUTTER REMOVAL
- TREE REMOVAL (6" AND GREATER)
- SIGN REMOVAL

FILE NAME = 0160130-sht-rem03.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0000' / 1"

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

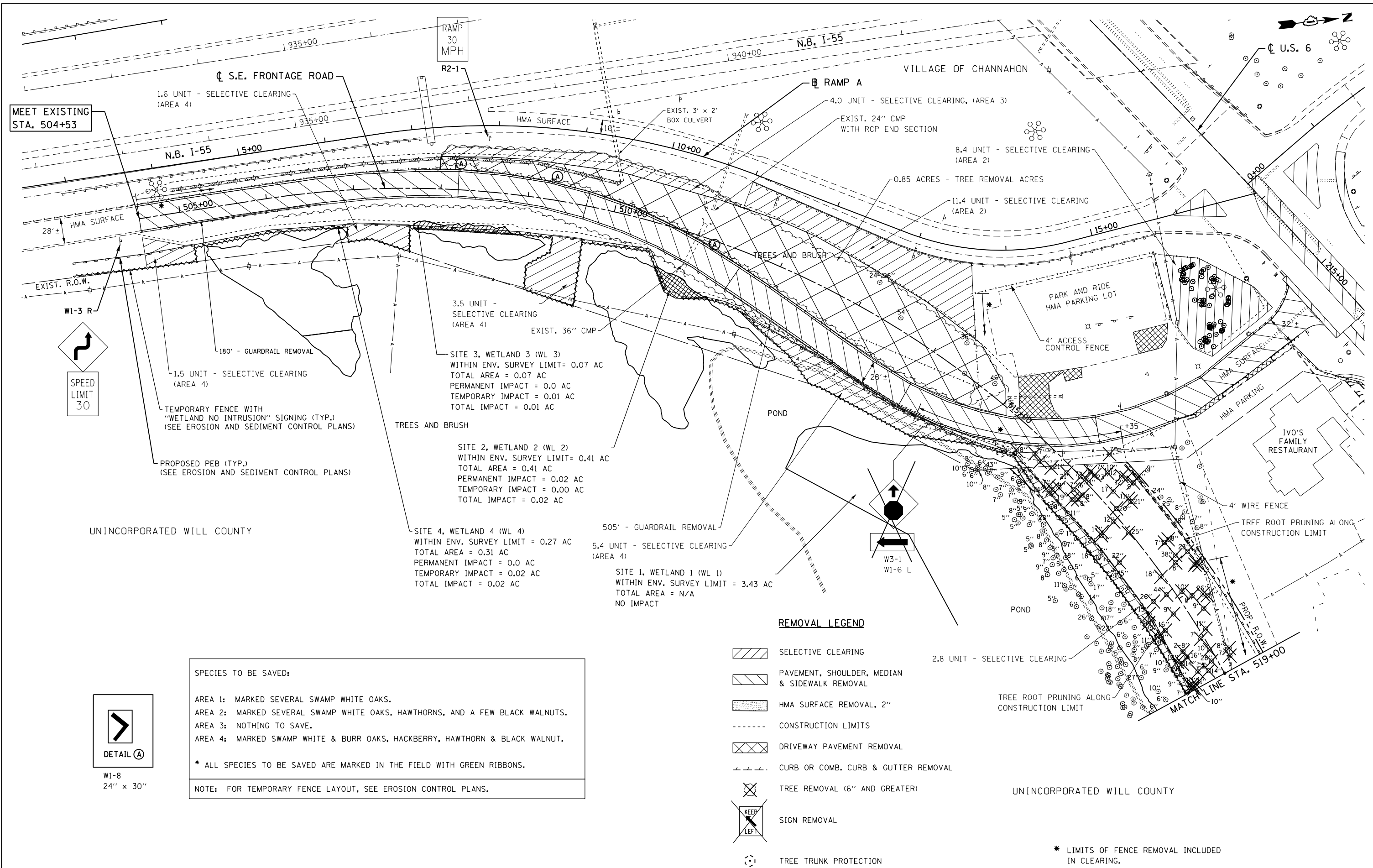
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

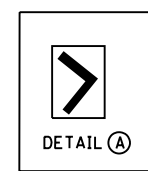
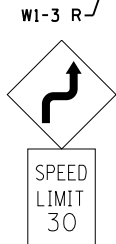
**EXISTING CONDITIONS & REMOVAL PLAN**  
**U.S. 6**

SCALE: 1" = 50'    SHEET NO. 3 OF 6 SHEETS    STA. 233+00 TO STA. 244+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	



MEET EXISTING STA. 504+53



W1-8  
24" x 30"

**SPECIES TO BE SAVED:**

AREA 1: MARKED SEVERAL SWAMP WHITE OAKS.  
 AREA 2: MARKED SEVERAL SWAMP WHITE OAKS, HAWTHORNS, AND A FEW BLACK WALNUTS.  
 AREA 3: NOTHING TO SAVE.  
 AREA 4: MARKED SWAMP WHITE & BURR OAKS, HACKBERRY, HAWTHORN & BLACK WALNUT.

\* ALL SPECIES TO BE SAVED ARE MARKED IN THE FIELD WITH GREEN RIBBONS.

NOTE: FOR TEMPORARY FENCE LAYOUT, SEE EROSION CONTROL PLANS.

3.5 UNIT - SELECTIVE CLEARING (AREA 4)  
 SITE 3, WETLAND 3 (WL 3)  
 WITHIN ENV. SURVEY LIMIT= 0.07 AC  
 TOTAL AREA = 0.07 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.01 AC  
 TOTAL IMPACT = 0.01 AC

SITE 2, WETLAND 2 (WL 2)  
 WITHIN ENV. SURVEY LIMIT= 0.41 AC  
 TOTAL AREA = 0.41 AC  
 PERMANENT IMPACT = 0.02 AC  
 TEMPORARY IMPACT = 0.00 AC  
 TOTAL IMPACT = 0.02 AC

SITE 4, WETLAND 4 (WL 4)  
 WITHIN ENV. SURVEY LIMIT = 0.27 AC  
 TOTAL AREA = 0.31 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.02 AC  
 TOTAL IMPACT = 0.02 AC

505' - GUARDRAIL REMOVAL  
 5.4 UNIT - SELECTIVE CLEARING (AREA 4)  
 SITE 1, WETLAND 1 (WL 1)  
 WITHIN ENV. SURVEY LIMIT = 3.43 AC  
 TOTAL AREA = N/A  
 NO IMPACT

**REMOVAL LEGEND**

- SELECTIVE CLEARING
- PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
- HMA SURFACE REMOVAL, 2"
- CONSTRUCTION LIMITS
- DRIVEWAY PAVEMENT REMOVAL
- CURB OR COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (6" AND GREATER)
- SIGN REMOVAL
- TREE TRUNK PROTECTION

\* LIMITS OF FENCE REMOVAL INCLUDED IN CLEARING.

FILE NAME = 0160130-sht-rem04.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

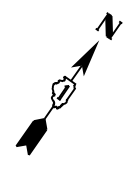
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN  
 S.E. FRONTAGE ROAD & RAMP A**

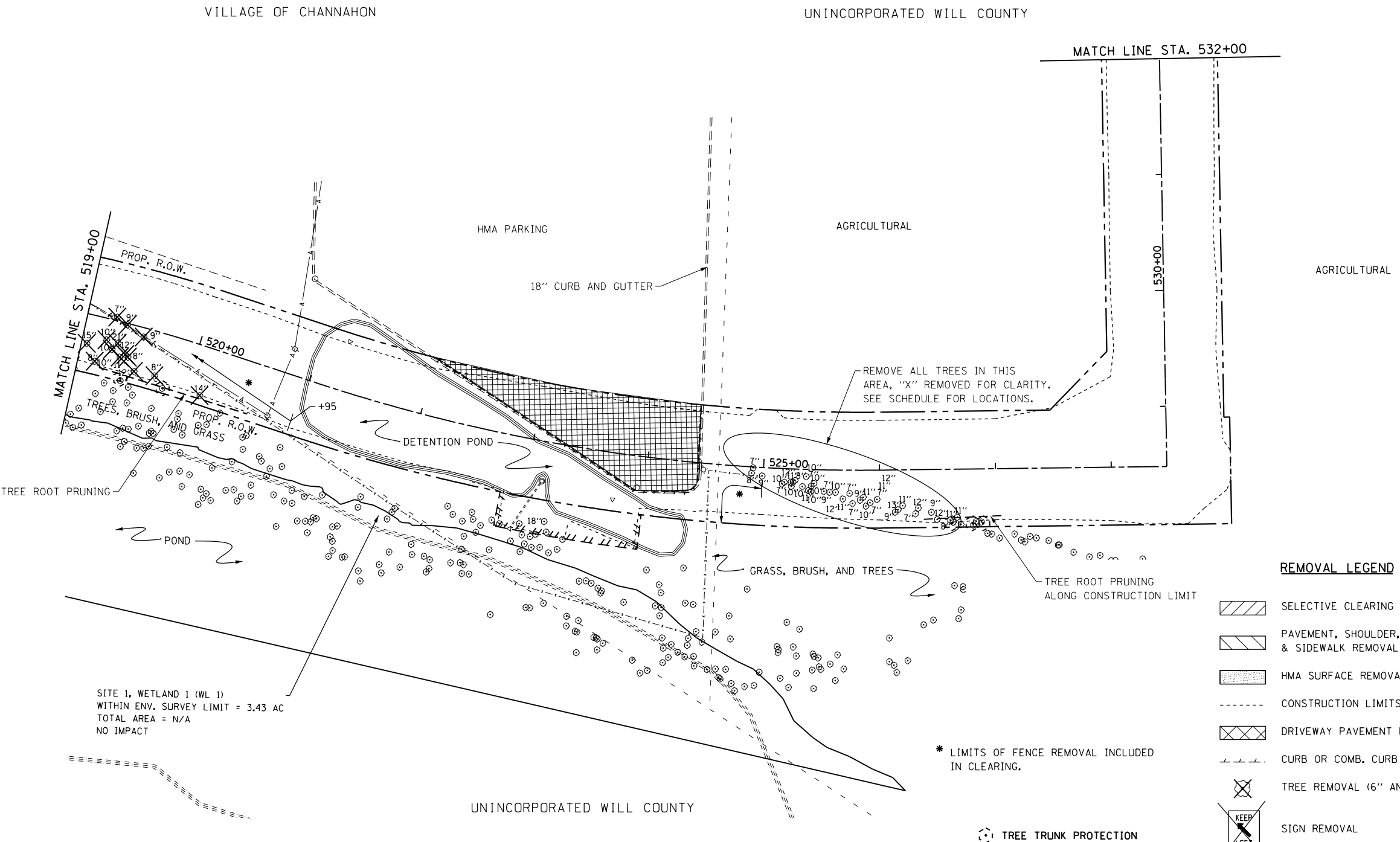
SCALE: 1" = 50'    SHEET NO. 4 OF 6 SHEETS    STA. 504+53 TO STA. 519+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	41
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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



**REMOVAL LEGEND**

	SELECTIVE CLEARING
	PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, 2"
	CONSTRUCTION LIMITS
	DRIVEWAY PAVEMENT REMOVAL
	CURB OR COMB. CURB & GUTTER REMOVAL
	TREE REMOVAL (6" AND GREATER)
	SIGN REMOVAL

SITE 1, WETLAND 1 (WL 1)  
 WITHIN ENV. SURVEY LIMIT = 3.43 AC  
 TOTAL AREA = N/A  
 NO IMPACT

\* LIMITS OF FENCE REMOVAL INCLUDED IN CLEARING.

TREE TRUNK PROTECTION

FILE NAME = D160130-sht-rem05.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

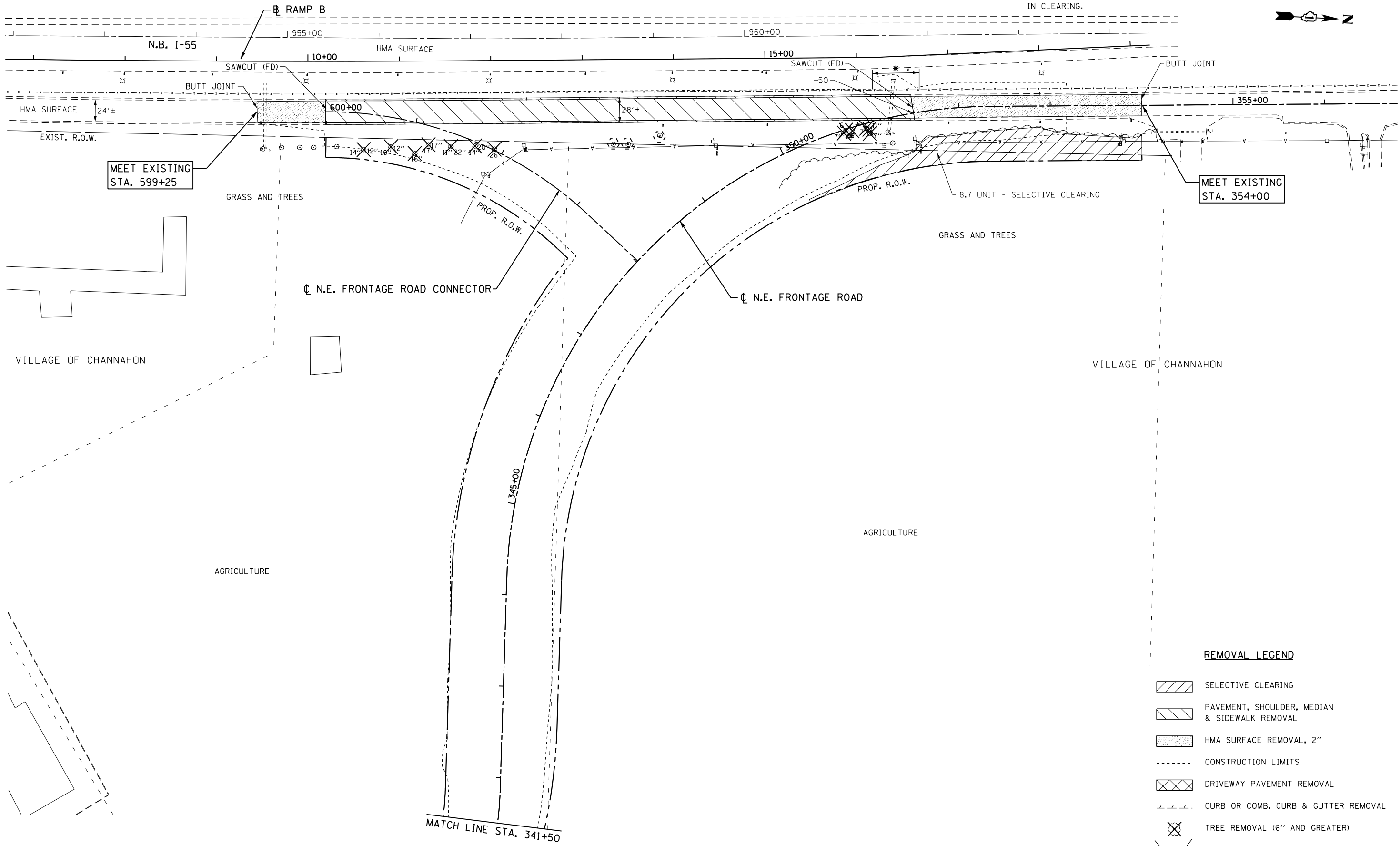
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN**  
**S.E. FRONTAGE ROAD**










SCALE: 1" = 50'    SHEET NO. 5 OF 6 SHEETS    STA. 519+00 TO STA. 532+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	42
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT	

\* LIMITS OF FENCE REMOVAL INCLUDED IN CLEARING.



**REMOVAL LEGEND**

-  SELECTIVE CLEARING
-  PAVEMENT, SHOULDER, MEDIAN & SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL, 2"
-  CONSTRUCTION LIMITS
-  DRIVEWAY PAVEMENT REMOVAL
-  CURB OR COMB. CURB & GUTTER REMOVAL
-  TREE REMOVAL (6" AND GREATER)
-  SIGN REMOVAL
-  TREE TRUNK PROTECTION

FILE NAME = D160130-shr-rem06.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

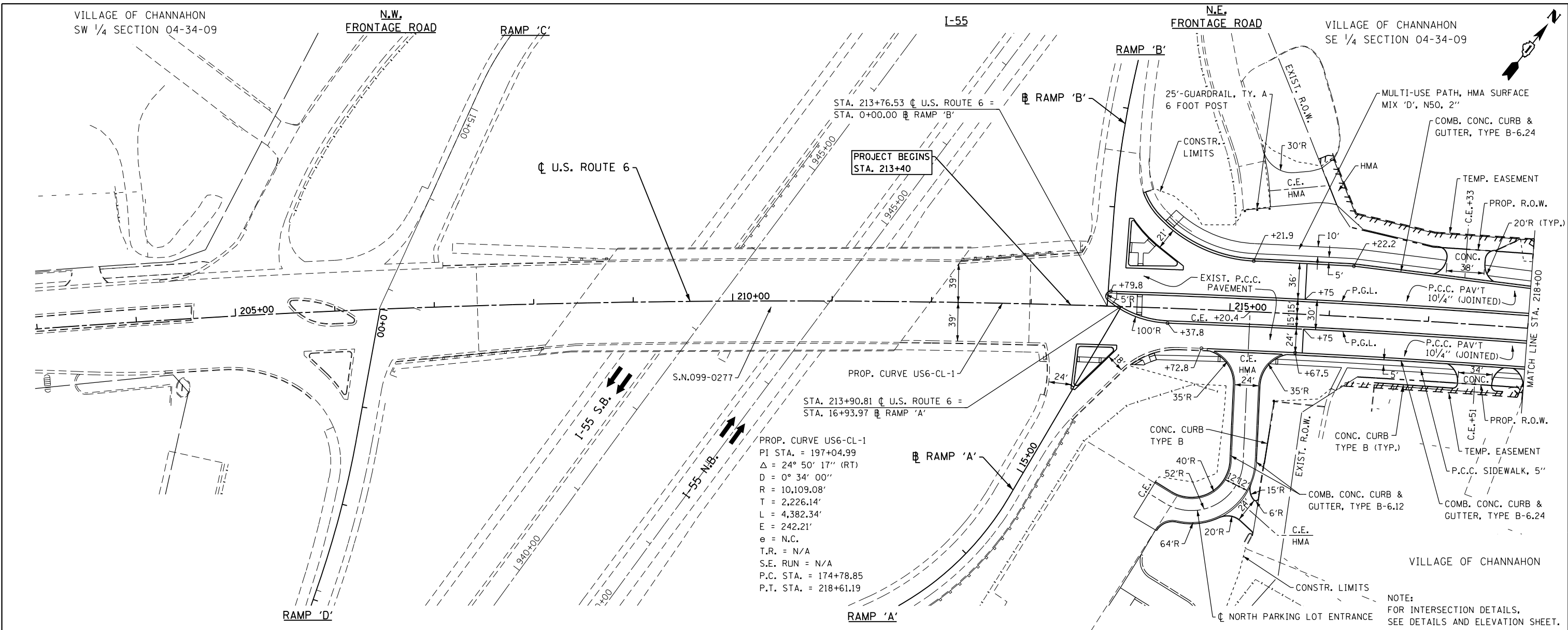
DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

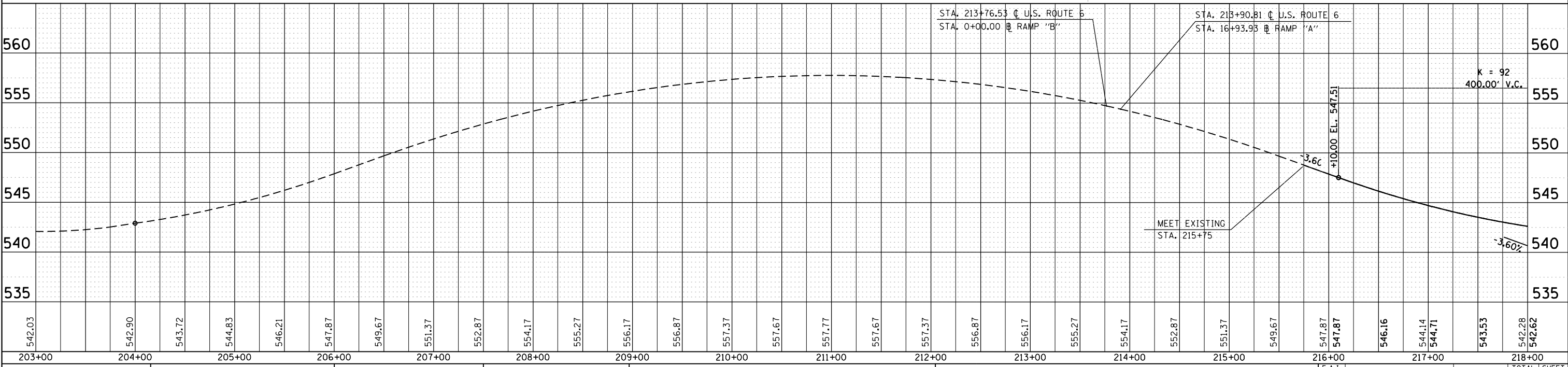
**EXISTING CONDITIONS & REMOVAL PLAN  
 N.E. FRONTAGE ROAD**  
 SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 341+50 TO STA. 354+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	43
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	



PROP. CURVE US6-CL-1  
 PI STA. = 197+04.99  
 $\Delta$  = 24° 50' 17" (RT)  
 D = 0° 34' 00"  
 R = 10,109.08'  
 T = 2,226.14'  
 L = 4,382.34'  
 E = 242.21'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 174+78.85  
 P.T. STA. = 218+61.19

NOTE:  
 FOR INTERSECTION DETAILS,  
 SEE DETAILS AND ELEVATION SHEET.



FILE NAME = 0160138-shr-pp01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED	- S.J.P.	REVISED	-
DRAWN	- B.K.	REVISED	-
CHECKED	- M.P.	REVISED	-
DATE	- JANUARY 15, 2016	REVISED	-

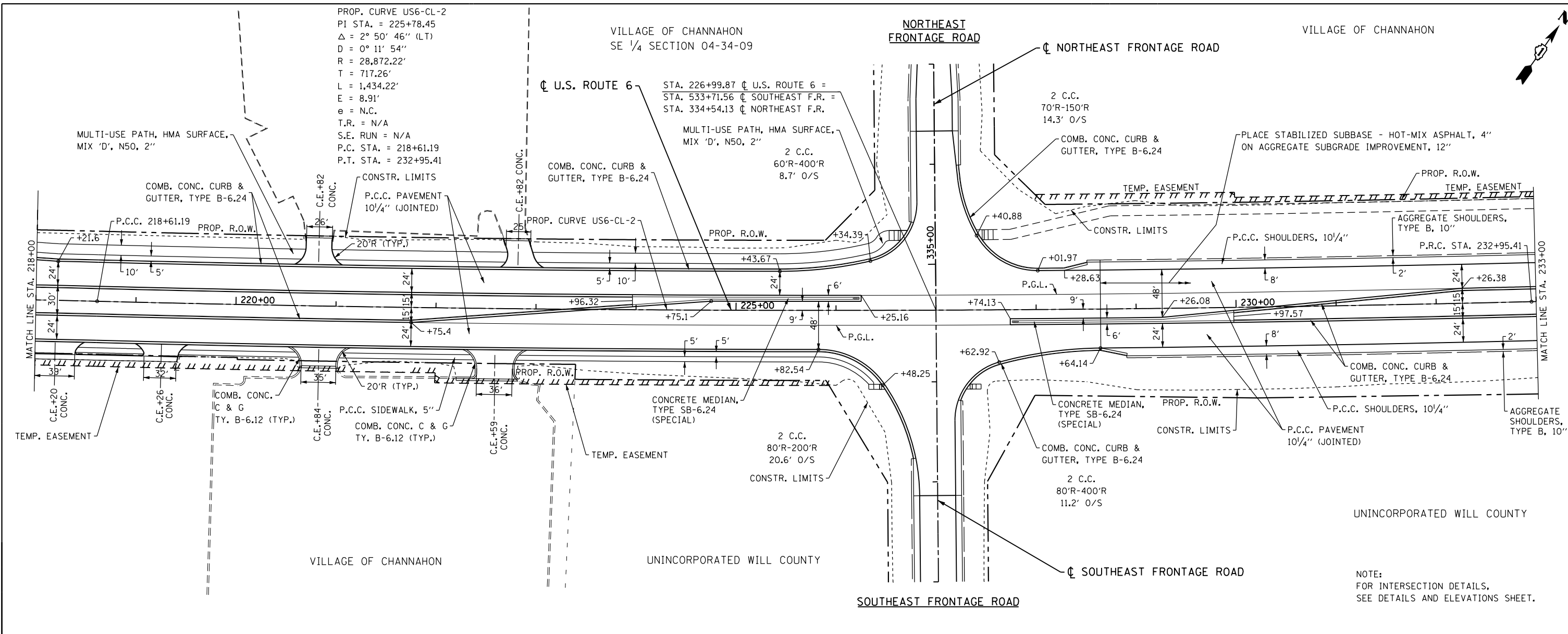
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN AND PROFILE  
 U.S. ROUTE 6**

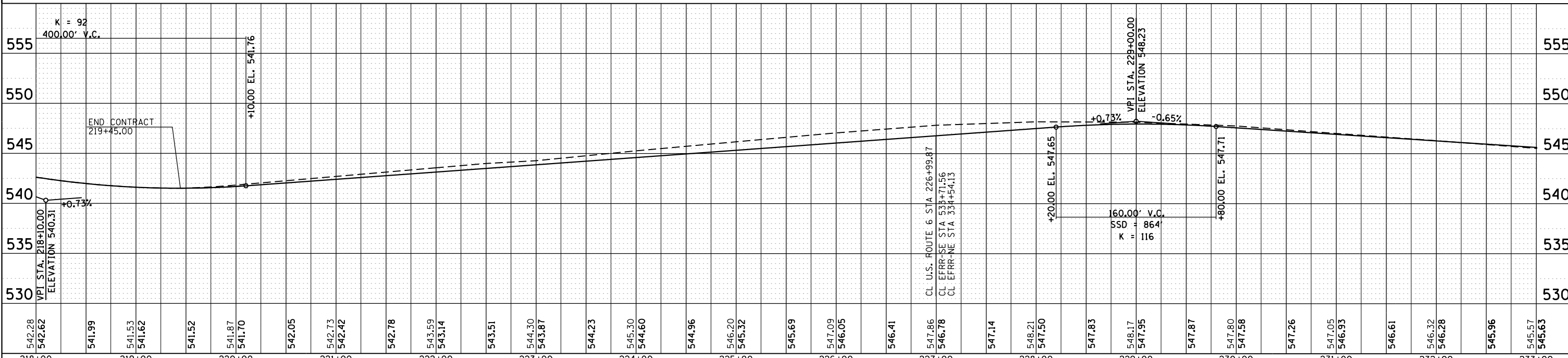
SCALE: 1" = 50'    SHEET NO. 1 OF 8 SHEETS    STA. 213+40    TO STA. 218+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	44

**CONTRACT NO. 60130**  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



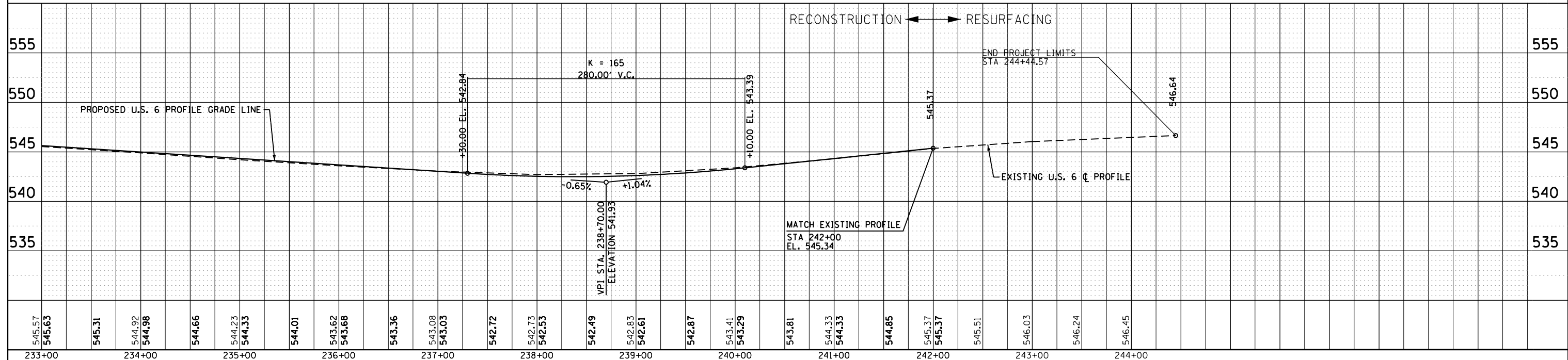
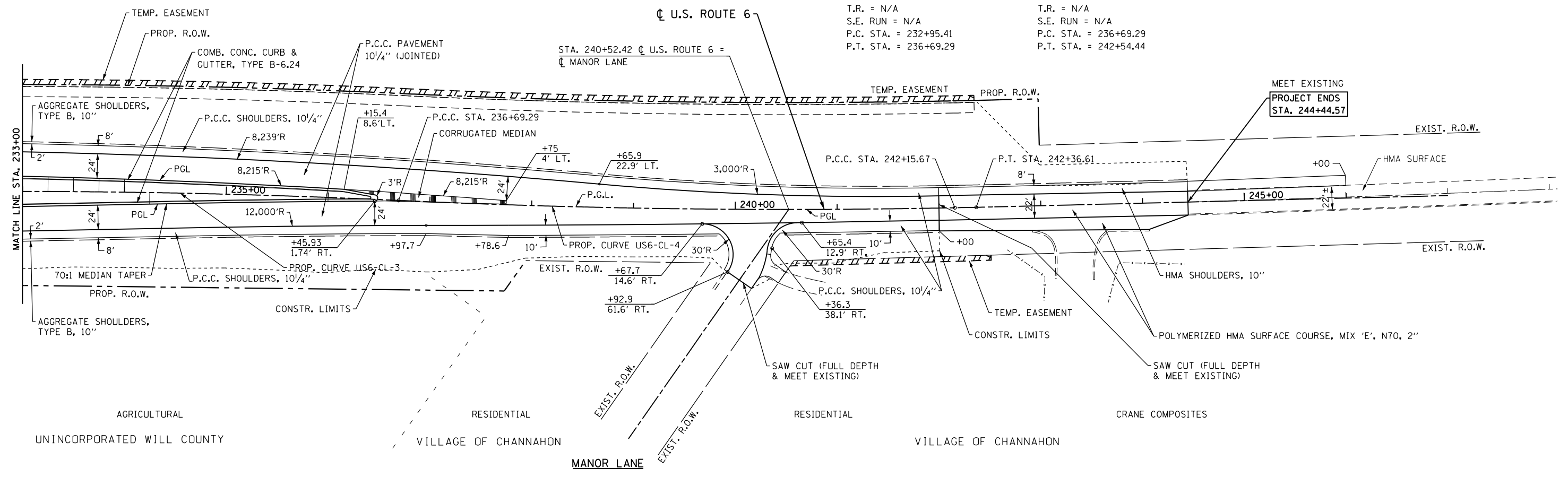
NOTE:  
 FOR INTERSECTION DETAILS,  
 SEE DETAILS AND ELEVATIONS SHEET.



FILE NAME = D:\160138-shr-pp02.dgn	DESIGNED - S.J.P.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN AND PROFILE</b> <b>U.S. ROUTE 6</b>		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = 1/16/2016	DRAWN - B.K.	REVISED -		55	99(1&2)AC-R-3	WILL	225	45		
PLOT SCALE = 100.0000' / 1"	CHECKED - M.P.	REVISED -		CONTRACT NO. 60130						
	DATE - JANUARY 15, 2016	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

PROP. CURVE US6-CL-3  
 PI STA. = 234+82.38  
 $\Delta = 2^\circ 36' 45''$  (RT)  
 $D = 0^\circ 41' 55''$   
 $R = 8,200.00'$   
 $T = 186.97'$   
 $L = 373.88'$   
 $E = 2.13'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 232+95.41$   
 $P.T. STA. = 236+69.29$

PROP. CURVE US6-CL-4  
 PI STA. = 239+61.99  
 $\Delta = 4^\circ 05' 19''$  (LT)  
 $D = 0^\circ 41' 55''$   
 $R = 8,200.00'$   
 $T = 292.70'$   
 $L = 585.15'$   
 $E = 5.22'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 236+69.29$   
 $P.T. STA. = 242+54.44$



FILE NAME = D:\160130-shr-pp03.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 100.00' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

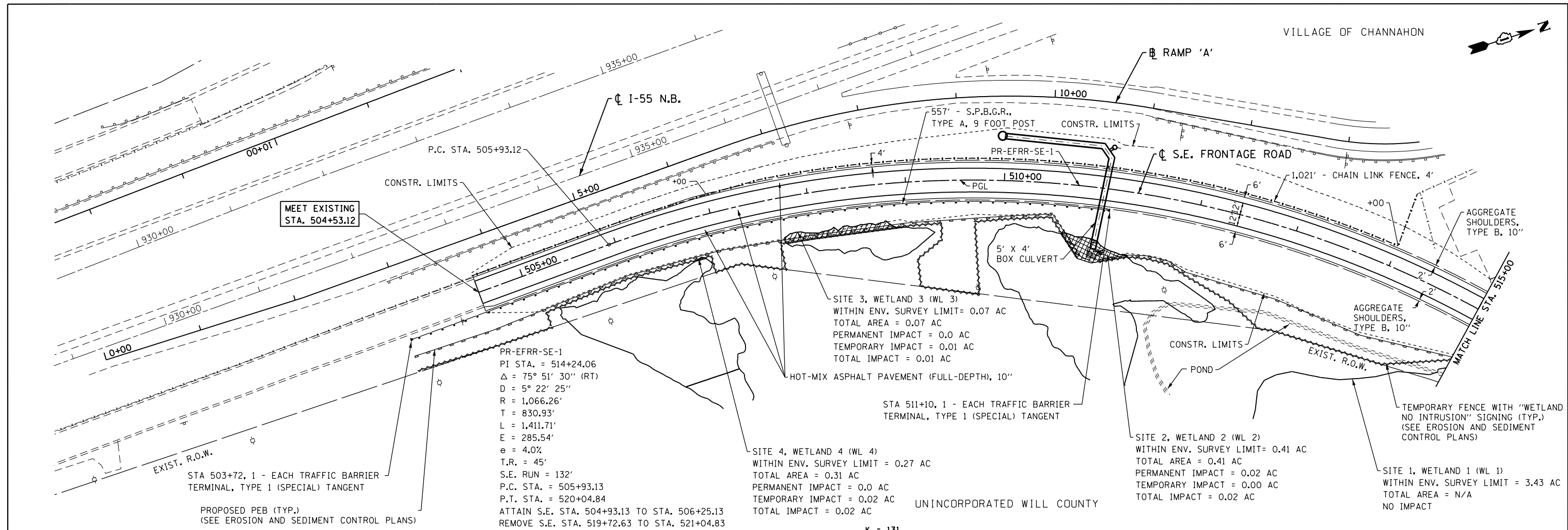
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN AND PROFILE  
 U.S. ROUTE 6**

SCALE: 1" = 50'    SHEET NO. 3 OF 8 SHEETS    STA. 233+00 TO STA. 244+57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	46
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



PR-EFRR-SE-1  
 PI STA. = 514+24.06  
 $\Delta = 75^\circ 51' 30''$  (RT)  
 $D = 5^\circ 22' 25''$   
 $R = 1,066.26'$   
 $T = 830.93'$   
 $L = 1,411.71'$   
 $E = 285.54'$   
 $e = 4.0\%$   
 $T.R. = 45'$   
 $S.E. RUN = 132'$   
 $P.C. STA. = 505+93.13$   
 $P.T. STA. = 520+04.84$   
 ATTAIN S.E. STA. 504+93.13 TO STA. 506+25.13  
 REMOVE S.E. STA. 519+72.63 TO STA. 521+04.83

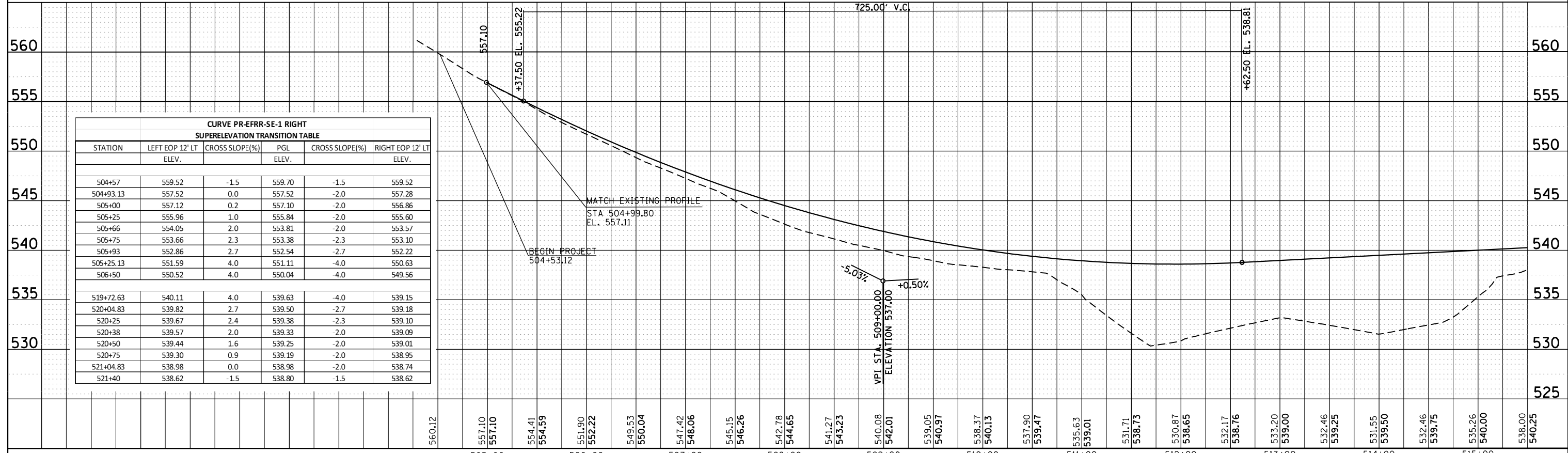
SITE 3, WETLAND 3 (WL 3)  
 WITHIN ENV. SURVEY LIMIT = 0.07 AC  
 TOTAL AREA = 0.07 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.01 AC  
 TOTAL IMPACT = 0.01 AC

SITE 4, WETLAND 4 (WL 4)  
 WITHIN ENV. SURVEY LIMIT = 0.27 AC  
 TOTAL AREA = 0.31 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.02 AC  
 TOTAL IMPACT = 0.02 AC

SITE 2, WETLAND 2 (WL 2)  
 WITHIN ENV. SURVEY LIMIT = 0.41 AC  
 TOTAL AREA = 0.41 AC  
 PERMANENT IMPACT = 0.02 AC  
 TEMPORARY IMPACT = 0.00 AC  
 TOTAL IMPACT = 0.02 AC

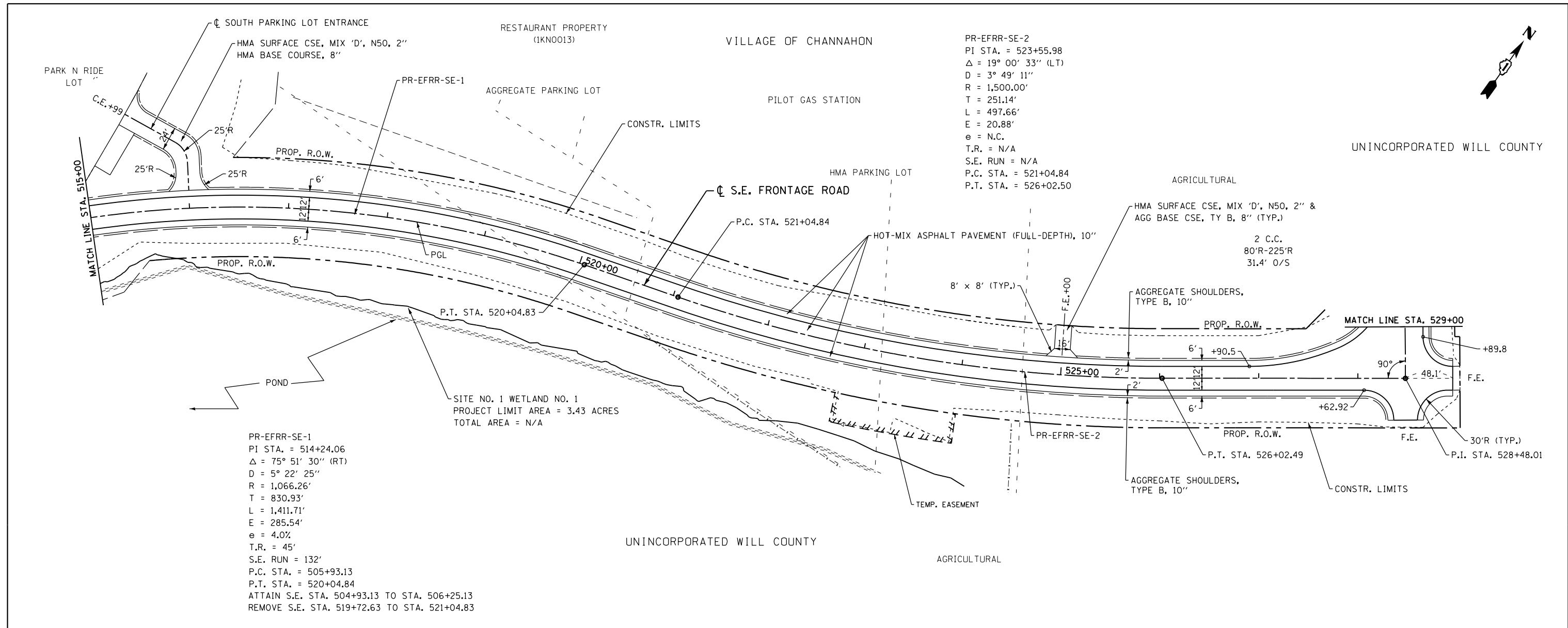
SITE 1, WETLAND 1 (WL 1)  
 WITHIN ENV. SURVEY LIMIT = 3.43 AC  
 TOTAL AREA = N/A  
 NO IMPACT

$K = 131$   
 $725.00'$  V.C.



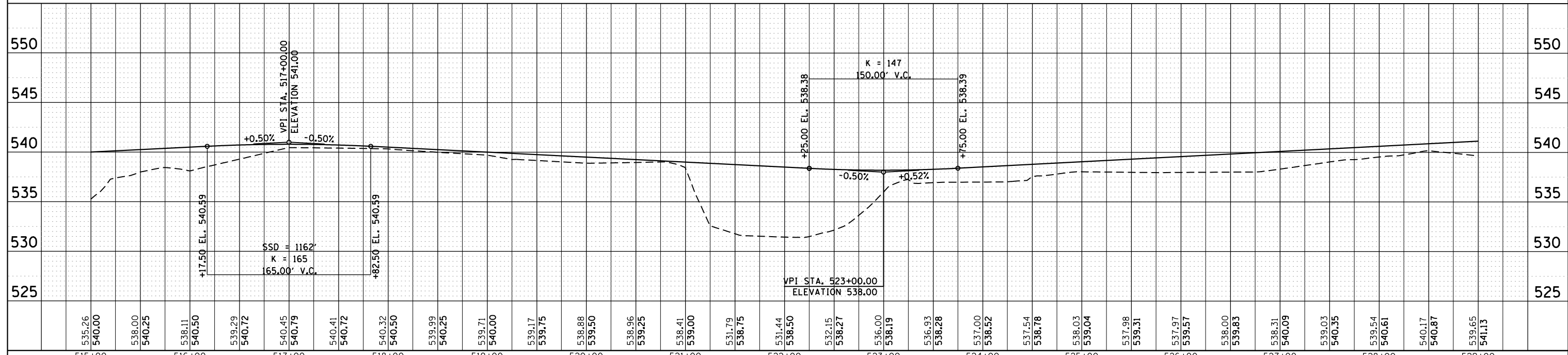
CURVE PR-EFRR-SE-1 RIGHT SUPERELEVATION TRANSITION TABLE					
STATION	LEFT EOP 12' LT ELEV.	CROSS SLOPE(%)	PGL ELEV.	CROSS SLOPE(%)	RIGHT EOP 12' LT ELEV.
504+57	559.52	-1.5	559.70	-1.5	559.52
504+93.13	557.52	0.0	557.52	-2.0	557.28
505+00	557.12	0.2	557.10	-2.0	556.86
505+25	555.96	1.0	555.84	-2.0	555.60
505+66	554.05	2.0	553.81	-2.0	553.57
505+75	553.66	2.3	553.38	-2.3	553.10
505+93	552.86	2.7	552.54	-2.7	552.22
505+25.13	551.59	4.0	551.11	-4.0	550.63
506+50	550.52	4.0	550.04	-4.0	549.56
519+72.63	540.11	4.0	539.63	-4.0	539.15
520+04.83	539.82	2.7	539.50	-2.7	539.18
520+25	539.67	2.4	539.38	-2.3	539.10
520+38	539.57	2.0	539.33	-2.0	539.09
520+50	539.44	1.6	539.25	-2.0	539.01
520+75	539.30	0.9	539.19	-2.0	538.95
521+04.83	538.98	0.0	538.98	-2.0	538.74
521+40	538.62	-1.5	538.80	-1.5	538.62





PR-EFRR-SE-2  
 PI STA. = 523+55.98  
 $\Delta = 19^\circ 00' 33''$  (LT)  
 $D = 3^\circ 49' 11''$   
 $R = 1,500.00'$   
 $T = 251.14'$   
 $L = 497.66'$   
 $E = 20.88'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 521+04.84$   
 $P.T. STA. = 526+02.50$

PR-EFRR-SE-1  
 PI STA. = 514+24.06  
 $\Delta = 75^\circ 51' 30''$  (RT)  
 $D = 5^\circ 22' 25''$   
 $R = 1,066.26'$   
 $T = 830.93'$   
 $L = 1,411.71'$   
 $E = 285.54'$   
 $e = 4.0\%$   
 $T.R. = 45'$   
 $S.E. RUN = 132'$   
 $P.C. STA. = 505+93.13$   
 $P.T. STA. = 520+04.84$   
 ATTAIN S.E. STA. 504+93.13 TO STA. 506+25.13  
 REMOVE S.E. STA. 519+72.63 TO STA. 521+04.83



515+00	516+00	517+00	518+00	519+00	520+00	521+00	522+00	523+00	524+00	525+00	526+00	527+00	528+00	529+00
535.26	538.00	539.29	540.45	540.41	540.32	539.99	538.88	538.15	536.00	536.93	537.54	537.98	539.03	539.65
540.00	540.25	540.72	540.79	540.72	540.50	540.25	539.50	538.27	538.19	538.28	538.78	539.31	540.09	541.13

FILE NAME = 0160130-shr-pp05.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**PROPOSED PLAN AND PROFILE**  
**SOUTHEAST FRONTAGE ROAD**

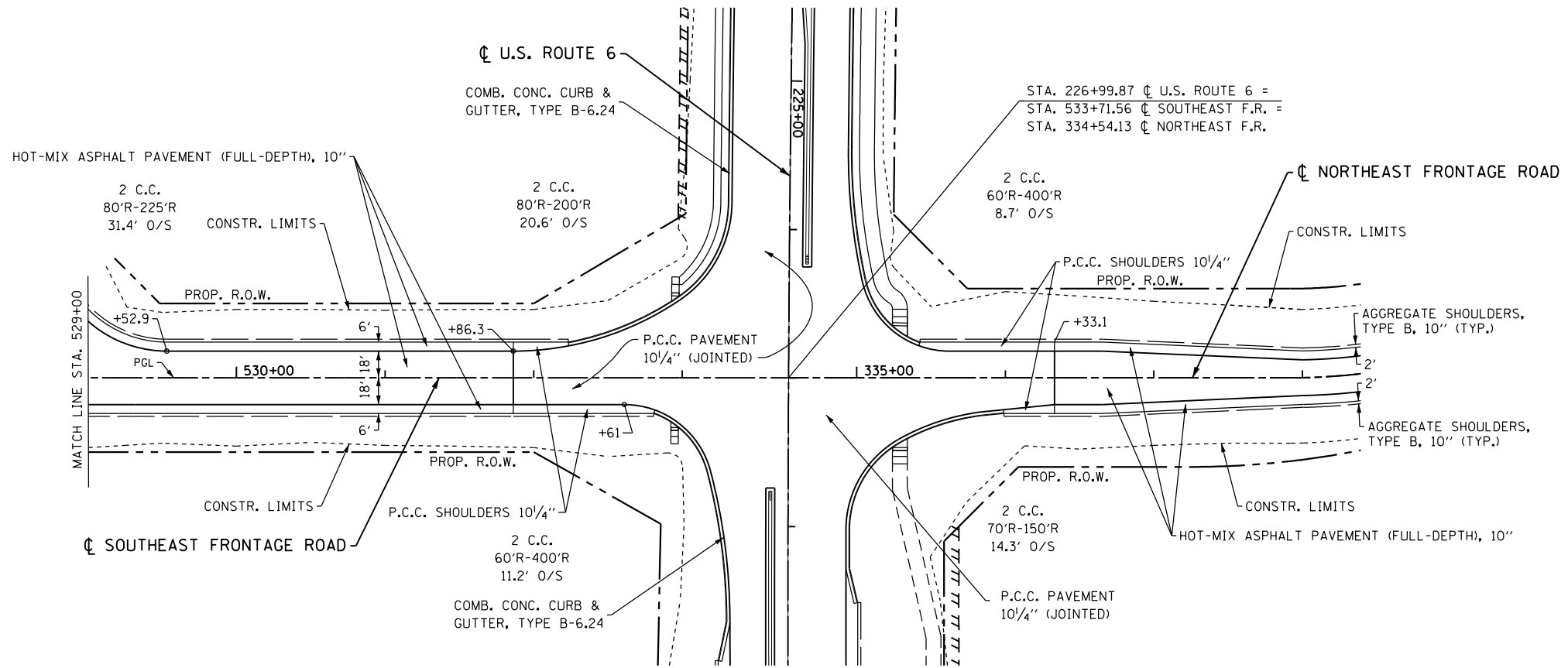
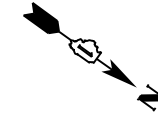
SCALE: 1" = 50'  
 SHEET NO. 5 OF 8 SHEETS  
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	48

CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

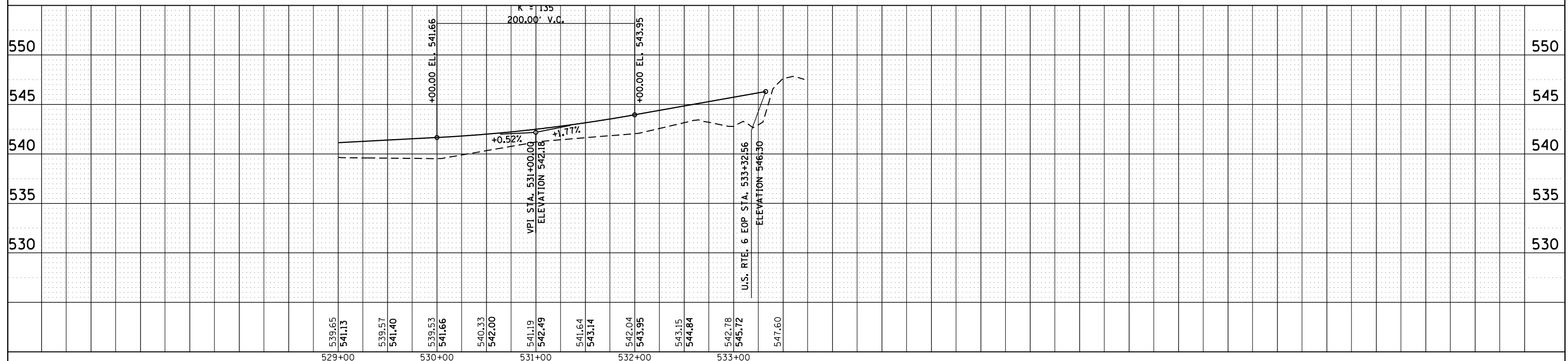
VILLAGE OF CHANNAHON  
SE 1/4 SECTION 04-34-09

VILLAGE OF CHANNAHON



UNINCORPORATED WILL COUNTY

NOTE:  
1. FOR US 6 INTERSECTION SEE  
DETAILS AND ELEVATION SHEET.



FILE NAME = 0160130-shr-pp06.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

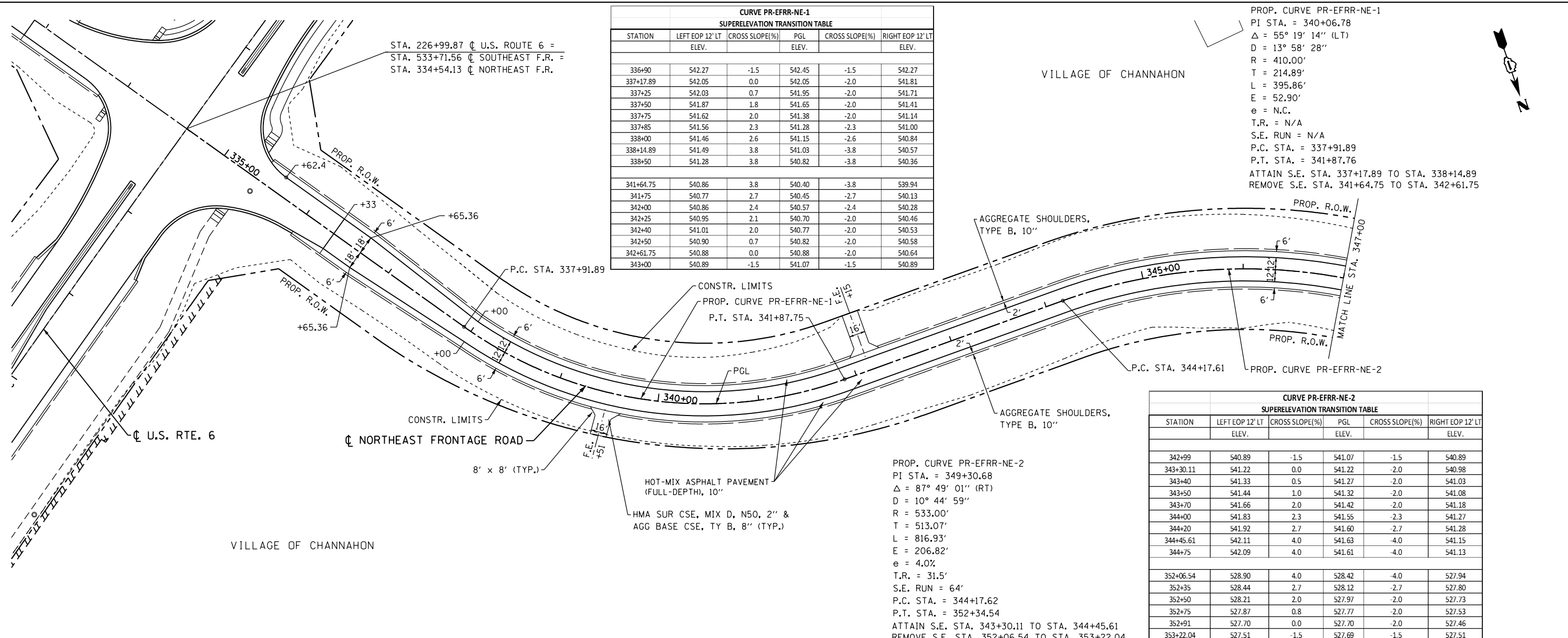
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

**PROPOSED PLAN AND PROFILE**  
**SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 50'    SHEET NO. 6 OF 8 SHEETS    STA. 233+00    TO STA. 244+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	49
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT	



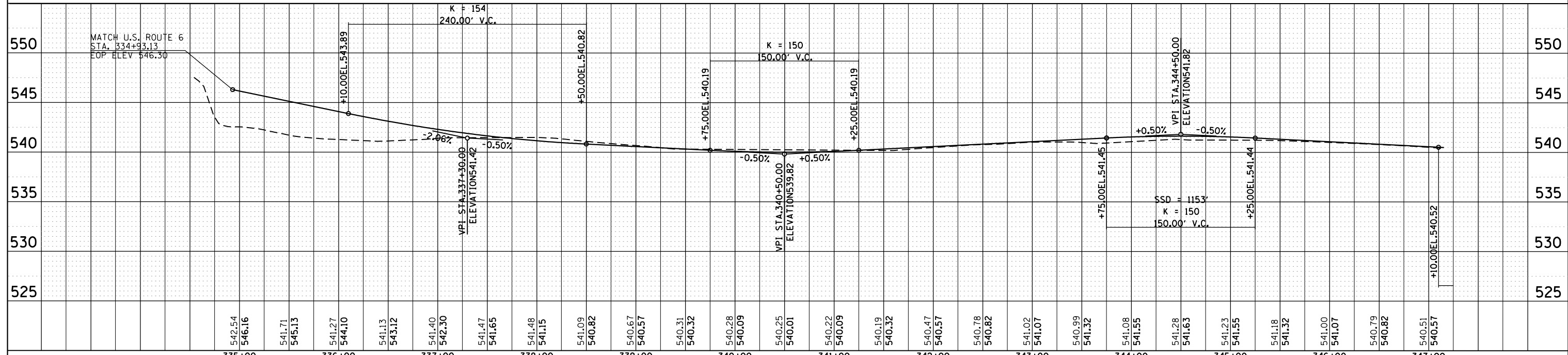
STA. 226+99.87  $\bar{C}$  U.S. ROUTE 6 =  
 STA. 533+71.56  $\bar{C}$  SOUTHEAST F.R. =  
 STA. 334+54.13  $\bar{C}$  NORTHEAST F.R.

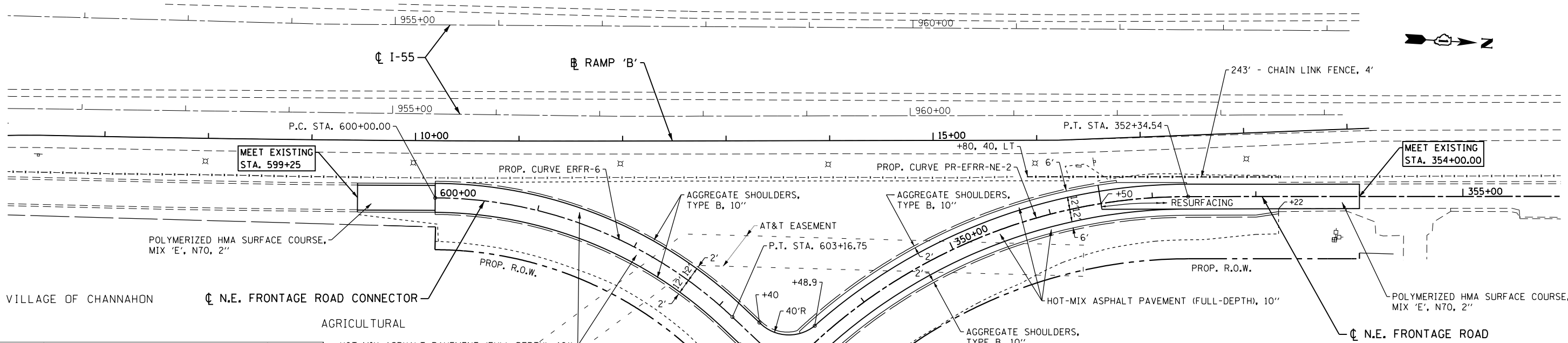
CURVE PR-EFRR-NE-1 SUPERELEVATION TRANSITION TABLE					
STATION	LEFT EOP 12' LT ELEV.	CROSS SLOPE(%)	PGL ELEV.	CROSS SLOPE(%)	RIGHT EOP 12' LT ELEV.
336+90	542.27	-1.5	542.45	-1.5	542.27
337+17.89	542.05	0.0	542.05	-2.0	541.81
337+25	542.03	0.7	541.95	-2.0	541.71
337+50	541.87	1.8	541.65	-2.0	541.41
337+75	541.62	2.0	541.38	-2.0	541.14
337+85	541.56	2.3	541.28	-2.3	541.00
338+00	541.46	2.6	541.15	-2.6	540.84
338+14.89	541.49	3.8	541.03	-3.8	540.57
338+50	541.28	3.8	540.82	-3.8	540.36
341+64.75	540.86	3.8	540.40	-3.8	539.94
341+75	540.77	2.7	540.45	-2.7	540.13
342+00	540.86	2.4	540.57	-2.4	540.28
342+25	540.95	2.1	540.70	-2.0	540.46
342+40	541.01	2.0	540.77	-2.0	540.53
342+50	540.90	0.7	540.82	-2.0	540.58
342+61.75	540.88	0.0	540.88	-2.0	540.64
343+00	540.89	-1.5	541.07	-1.5	540.89

PROP. CURVE PR-EFRR-NE-1  
 PI STA. = 340+06.78  
 $\Delta$  = 55° 19' 14" (LT)  
 D = 13° 58' 28"  
 R = 410.00'  
 T = 214.89'  
 L = 395.86'  
 E = 52.90'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 337+91.89  
 P.T. STA. = 341+87.76  
 ATTAIN S.E. STA. 337+17.89 TO STA. 338+14.89  
 REMOVE S.E. STA. 341+64.75 TO STA. 342+61.75

CURVE PR-EFRR-NE-2 SUPERELEVATION TRANSITION TABLE					
STATION	LEFT EOP 12' LT ELEV.	CROSS SLOPE(%)	PGL ELEV.	CROSS SLOPE(%)	RIGHT EOP 12' LT ELEV.
342+99	540.89	-1.5	541.07	-1.5	540.89
343+30.11	541.22	0.0	541.22	-2.0	540.98
343+40	541.33	0.5	541.27	-2.0	541.03
343+50	541.44	1.0	541.32	-2.0	541.08
343+70	541.66	2.0	541.42	-2.0	541.18
344+00	541.83	2.3	541.55	-2.3	541.27
344+20	541.92	2.7	541.60	-2.7	541.28
344+45.61	542.11	4.0	541.63	-4.0	541.15
344+75	542.09	4.0	541.61	-4.0	541.13
352+06.54	528.90	4.0	528.42	-4.0	527.94
352+35	528.44	2.7	528.12	-2.7	527.80
352+50	528.21	2.0	527.97	-2.0	527.73
352+75	527.87	0.8	527.77	-2.0	527.53
352+91	527.70	0.0	527.70	-2.0	527.46
353+22.04	527.51	-1.5	527.69	-1.5	527.51

PROP. CURVE PR-EFRR-NE-2  
 PI STA. = 349+30.68  
 $\Delta$  = 87° 49' 01" (RT)  
 D = 10° 44' 59"  
 R = 533.00'  
 T = 513.07'  
 L = 816.93'  
 E = 206.82'  
 e = 4.0%  
 T.R. = 31.5'  
 S.E. RUN = 64'  
 P.C. STA. = 344+17.62  
 P.T. STA. = 352+34.54  
 ATTAIN S.E. STA. 343+30.11 TO STA. 344+45.61  
 REMOVE S.E. STA. 352+06.54 TO STA. 353+22.04





CURVE PR-NEFRCONN SUPERELEVATION TRANSITION TABLE					
STATION	LEFT EOP 12' LT ELEV.	CROSS SLOPE(%)	PGL ELEV.	CROSS SLOPE(%)	RIGHT EOP 12' LT ELEV.
599+00	541.31	-1.5	541.49	-1.5	541.31
599+28.50	541.49	0.0	541.49	-2.0	541.25
599+50	541.57	0.7	541.49	-2.0	541.25
599+65	541.73	2.0	541.49	-2.0	541.25
599+75	541.74	2.1	541.49	-2.1	541.24
600+00	541.78	2.4	541.49	-2.4	541.20
600+22	541.88	3.6	541.45	-3.6	541.02
600+40	541.80	3.6	541.37	-3.6	540.94
602+94.75	540.23	3.6	539.80	-3.6	539.37
603+17	540.19	2.4	539.90	-2.4	539.61
603+25	540.18	2.0	539.94	-2.0	539.70
603+40	540.16	1.2	540.02	-2.0	539.78
603+50	540.14	0.6	540.07	-2.0	539.83
603+61	540.12	0.0	540.12	-2.0	539.88
603+88.25	539.37	-1.5	539.55	-1.5	539.37

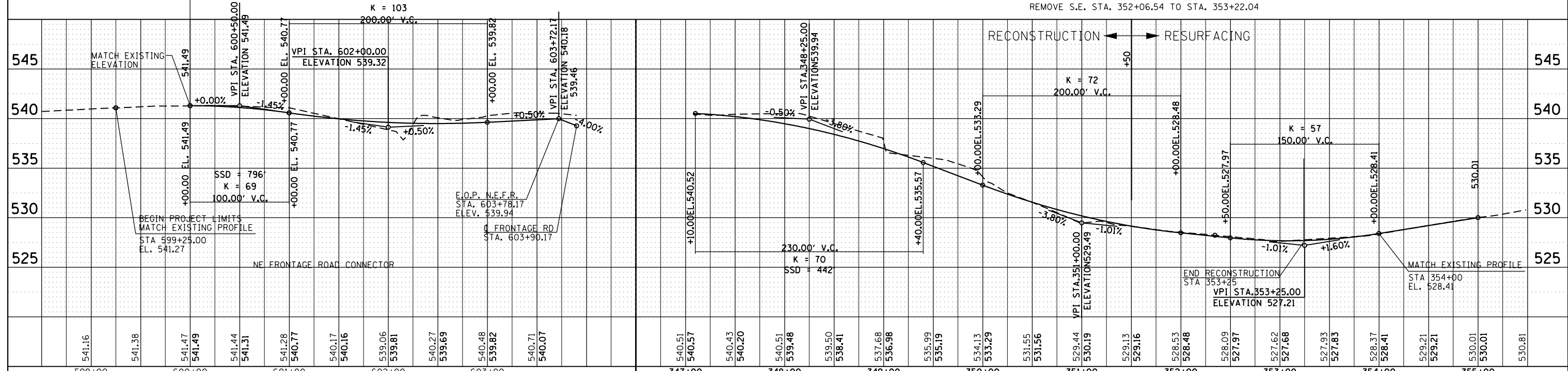
PROP. CURVE ERFR-6  
 PI STA. = 601+66.86  
 $\Delta = 43^\circ 02' 40''$  (RT)  
 $D = 13^\circ 38' 35''$   
 $R = 419.96'$   
 $T = 165.62'$   
 $L = 315.51'$   
 $E = 31.48'$   
 $e = 3.6\%$   
 $T.R. = 27.5'$   
 $S.E. RUN = 66'$   
 $P.C. STA. = 600+01.24$   
 $P.T. STA. = 603+16.75$   
 ATTAIN S.E. STA. 599+28.50 TO STA. 600+22.00  
 REMOVE S.E. STA. 602+94.75 TO STA. 603+88.25

PROP. CURVE PR-EFRR-NE-2  
 PI STA. = 349+30.68  
 $\Delta = 87^\circ 49' 01''$  (RT)  
 $D = 10^\circ 44' 59''$   
 $R = 533.00'$   
 $T = 513.07'$   
 $L = 816.93'$   
 $E = 206.82'$   
 $e = 4.0\%$   
 $T.R. = 31.5'$   
 $S.E. RUN = 64'$   
 $P.C. STA. = 344+17.62$   
 $P.T. STA. = 352+34.54$   
 ATTAIN S.E. STA. 343+30.11 TO STA. 344+45.61  
 REMOVE S.E. STA. 352+06.54 TO STA. 353+22.04

CURVE PR-EFRR-NE-2 SUPERELEVATION TRANSITION TABLE					
STATION	LEFT EOP 12' LT ELEV.	CROSS SLOPE(%)	PGL ELEV.	CROSS SLOPE(%)	RIGHT EOP 12' LT ELEV.
342+99	540.89	-1.5	541.07	-1.5	540.89
343+30.11	541.22	0.0	541.22	-2.0	540.98
343+40	541.33	0.5	541.27	-2.0	541.03
343+50	541.44	1.0	541.32	-2.0	541.08
343+70	541.66	2.0	541.42	-2.0	541.18
344+00	541.83	2.3	541.55	-2.3	541.27
344+20	541.92	2.7	541.60	-2.7	541.28
344+45.61	542.11	4.0	541.63	-4.0	541.15
344+75	542.09	4.0	541.61	-4.0	541.13
352+06.54	528.90	4.0	528.42	-4.0	527.94
352+35	528.44	2.7	528.12	-2.7	527.80
352+50	528.21	2.0	527.97	-2.0	527.73
352+75	527.87	0.8	527.77	-2.0	527.53
352+91	527.70	0.0	527.70	-2.0	527.46
353+22.04	527.51	-1.5	527.69	-1.5	527.51

RESURFACING ← RECONSTRUCTION

RECONSTRUCTION ← RESURFACING



FILE NAME = D:\160130-shr-pp08.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 1'

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN AND PROFILE  
 NORTHEAST EAST FRONTAGE ROAD AND CONNECTOR**

SCALE: 1" = 50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	991(1&2)AC-R-3	WILL	225	51

CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT


**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS. NO ADDITIONAL COMPENSATION SHALL BE DUE TO THE CONTRACTOR IF A MODIFIED PLAN IS PROPOSED.
2. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN, AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL) (X7010216)" AS NOTED IN THE TRAFFIC CONTROL AND PROTECTION (ARTERIALS) SPECIAL PROVISION AND "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
3. ALL HIGHWAY TRAFFIC CONTROL STANDARDS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE LUMP SUM PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL) (X7010216)" AS NOTED IN THE TRAFFIC CONTROL AND PROTECTION (ARTERIALS) SPECIAL PROVISION AND "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
4. A CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON U.S. 6 AT EACH END OF THE PROJECT TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES AND STAGE CHANGES. THE CMS SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN (70106800)."
5. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND, WITHIN THIRTY (30) MINUTES FROM THE TIME OF NOTIFICATION, TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. FAILURE TO RESPOND WITHIN THE ABOVE TIME LIMIT WILL RESULT IN A PENALTY ACCORDING TO ARTICLE 105.03 (b) OF THE IDOT STANDARD SPECIFICATIONS WHENEVER THE ENGINEER DETERMINES THAT THE CONTRACTOR OR HIS SUBCONTRACTOR HAS NOT COMPLIED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED ARE IN PLACE AND OPERATING TWENTY-FOUR (24) HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME CONSTRUCTION IS IN EFFECT.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
8. THE CONTRACTOR SHALL REMOVE ALL EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC PLAN. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL (78300100)." REMOVAL OF TEMPORARY TAPE PAVEMENT MARKINGS SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL (70301000)."
9. EXISTING TRAFFIC CONTROL SIGN AND MESSAGES THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC SHALL BE TEMPORARILY COVERED, RELOCATED, OR MODIFIED WITH TEMPORARY OVERLAY AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
10. THE ENGINEER SHALL BE INFORMED 2 WEEKS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.

**TRAFFIC CONTROL AND STAGING NOTES**

1. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY AND SIDE ROAD ACCESS AT ALL TIMES DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) AND TEMPORARY ACCESS (ROAD). EACH DRIVEWAY AND SIDE ROAD SHALL ONLY BE MEASURED FOR PAYMENT ONCE.
2. TEMPORARY DRIVEWAY ENTRANCE SIGNS WILL BE REQUIRED DURING ALL STAGES OF CONSTRUCTION AT LOCATIONS DESIGNATED BY THE ENGINEER. FOR SIGN DETAILS SEE TC-26.
3. THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III FOR ALL TEMPORARY LANE MARKINGS ON ALL PERMANENT PAVEMENT. TEMPORARY PAVEMENT MARKINGS SHALL BE USED ON SURFACES TO BE REMOVED OR OVERLAID.
4. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH STD. 701901.
5. THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY IDOT OR OTHER AGENCIES.
6. TYPE III BARRICADES SHALL BE PLACED AT BOTH ENDS OF THE CLOSED PORTION OF ROADS UNDER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ENOUGH TYPE III BARRICADES TO CROSS THE ENTIRE ROADWAY AS DEPICTED ON THE PLANS.
7. INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE USED FOR RAMPS AND TRANSITIONS FROM PROPOSED PAVEMENT TO EXISTING PAVEMENT. AN ESTIMATED 60 TONS HAS BEEN PROVIDED FOR THIS WORK.
8. THE CONTRACTOR SHALL COORDINATE THE STAGING AND USE OF TRAFFIC CONTROL DEVICES WITH CONTRACT 60X84 AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

MOT-1

FILE NAME = 0160130-sht-mot-general-notes.dgn PLOT DATE = 1/16/2016 PLOT SCALE = 100.0329' / 1"	 CHRISTIAN-ROGE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 221 NORTH LASALLE STREET, SUITE 300 CHICAGO, ILLINOIS 60601 PHONE: (312) 577-3300	DESIGNED - S.J.P.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC GENERAL NOTES, TRAFFIC CONTROL AND STAGING NOTES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.K.	REVISED -			55	99(1&2)AC-R-3	WILL	225	52
CHECKED - M.P.	REVISED -	CONTRACT NO. 60130								
DATE - JANUARY 15, 2016	REVISED -	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT								
					SCALE: 1" = 50'	SHEET NO. 1 OF 16 SHEETS	STA.	TO STA.		

**CONSTRUCTION STAGING NOTES:**

CONSTRUCTION - PRESTAGE

1. US 6 - INSTALL A SECTION OF PROPOSED STORM SEWER ON; THE SOUTH SIDE OF US 6, 1 RUN ACROSS US 6 & 1 RUN ACROSS S. FRONTAGE ROAD. SEE SHEETS MOT-3 & 4 FOR STORM SEWER LIMITS.
2. US 6 - CONSTRUCT THE TEMPORARY PAVEMENT NEEDED FOR STAGE I TRAFFIC AND PLACE TEMPORARY PAVEMENT MARKINGS. ADJUST SPAN WIRE SIGNAL HEADS FOR STAGE 1 LANE CONFIGURATION.

CONSTRUCTION - STAGE I

1. US 6 - CONSTRUCT THE TWO US 6 WESTBOUND LANES AND THE TEMPORARY PAVEMENT NEEDED FOR STAGE II TRAFFIC. CONSTRUCT THE ISLAND IN RAMP B.
2. NORTHEAST FRONTAGE ROAD (NEFR) - CONSTRUCT THE COMPLETE ROADWAY WITHIN THE PROPOSED RIGHT OF WAY (UP TO STA. 350+00).
3. SOUTHEAST FRONTAGE ROAD (SEFR) - CONSTRUCT THE EMBANKMENT, ROADWAY AND FINAL SEEDING AND SIGNING WITHIN PROPOSED ROW (STA. 516+50 TO STA. 531+86.3).
4. PARK AND RIDE LOT - CONSTRUCT TEMPORARY NORTH ENTRANCE FROM SOUTHEAST FRONTAGE ROAD (SEFR).

CONSTRUCTION - SUB-STAGE IA

1. CONSTRUCT THE TEMPORARY PAVEMENT NEEDED FOR EB TRAFFIC IN STAGE II, STA 215+75 TO STA. 218+75 IN THE PROPOSED MEDIAN AREA.

CONSTRUCTION - STAGE II

1. US 6 - CONSTRUCT THE TWO EASTBOUND LANES AND RELATED WORK. CONSTRUCT THE ISLAND IN RAMP A.
2. NORTHEAST FRONTAGE ROAD (NEFR)
  - CONSTRUCT THE PAVEMENT BETWEEN THE NEW NEFR AND THE EXISTING NEFR PAVEMENT (STA. 350+00 TO 354+00).
  - AFTER TRAFFIC IS ON THE NEW NEFR PAVEMENT CONSTRUCT THE NEFR CONNECTOR.
  - WHEN CONNECTOR IS CONSTRUCTED, BUILD NEW ENTRANCE TO MANOR HOTEL AND REMOVE EXISTING CONNECTION TO US 6.
  - INSTALL DRAINAGE STRUCTURE IN NB I-55 DITCH.
3. SOUTHEAST FRONTAGE ROAD (SEFR)- CONSTRUCT THE PORTION OF SEFR WITHIN EXISTING ROW, STA. 504+43 TO STA. 516+50 AND CONSTRUCT THE NEW SOUTH ENTRANCE TO THE PARK AND RIDE LOT. INSTALL THE BOX CULVERT BETWEEN RAMP A AND THE SEFR.

CONSTRUCTION - SUB-STAGE IIA

1. PARK AND RIDE LOT - CONSTRUCT THE NEW NORTH ENTRANCE TO THE PARK AND RIDE LOT FROM US 6.

CONSTRUCTION - STAGE III

1. US 6 - REMOVE THE TEMPORARY PAVEMENT AND FINISH THE FINAL GRADING OF THE DITCHES; INSTALL THE CURB AND GUTTER ALONG THE MEDIAN; COMPLETE THE PERMANENT TRAFFIC SIGNAL AT THE RAMP INTERSECTION.

**CONSTRUCTION MOT NOTES:**

CONSTRUCTION - PRESTAGE

1. US 6 - CLOSE THE SHOULDER ALONG EASTBOUND US 6 LANE. USE STD 701606 FOR DAILY LANE CLOSURES TO INSTALL THE STORM SEWER.
2. US 6 - CLOSE SHOULDER ALONG THE EASTBOUND US 6 LANE. USE STD 701501 AND 701606 FOR DAILY LANE CLOSURES TO PLACE TEMPORARY PAVEMENT.

CONSTRUCTION - STAGE I

1. US 6 - MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AND LEFT TURN LANES AT THE EAST FRONTAGE ROADS. SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR THIS STAGE.
2. NORTHEAST FRONTAGE ROAD (NEFR) - CONSTRUCTION ACTIVITIES WITHIN PROPOSED ROW. MAINTAIN TRAFFIC ON EXISTING FRONTAGE ROAD, USE STD 701001 AND 701006 WHEN WORKING NEAR THE EXISTING PAVEMENT.
3. SOUTHEAST FRONTAGE ROAD (SEFR) - CONSTRUCTION ACTIVITIES WITHIN PROPOSED ROW. MAINTAIN TRAFFIC ON EXISTING FRONTAGE ROAD, USE STD 701001 AND 701006 WHEN WORKING NEAR THE EXISTING PAVEMENT.
4. PARK AND RIDE LOT - MAINTAIN ACCESS ON EXISTING ENTRANCE FROM SOUTHEAST (SEFR), CONSTRUCT TEMPORARY ENTRANCE AT NORTH END OF PARKING LOT.

CONSTRUCTION - SUB-STAGE IA

1. MAINTAIN EASTBOUND TRAFFIC IN STAGE I CONFIGURATION AND SWITCH WESTBOUND TRAFFIC TO STAGE II CONFIGURATION.

CONSTRUCTION - STAGE II

1. US 6 - MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AND LEFT TURN LANES AT THE EAST FRONTAGE ROADS. SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR THIS STAGE.
2. NORTHEAST FRONTAGE ROAD (NEFR) WITHIN EXISTING ROW
  - CONSTRUCTION ACTIVITIES WITHIN EXISTING ROW AND ON EXISTING NEFR USE STANDARDS 701201 AND 701206.
  - MAINTAIN TWO LANES OF TRAFFIC ON THE NEW NEFR PAVEMENT. CLOSE THE EXISTING FRONTAGE ROAD USING TYPE III BARRICADES BEYOND THE MANOR MOTEL. SEE MOT PLAN FOR ADDITIONAL SIGNING.
  - OPEN THE NEFR CONNECTOR PAVEMENT. CLOSE AND REMOVE THE OLD NEFR AT THE US 6 INTERSECTION. SEE MOT PLAN FOR SIGNING.
  - CLOSE NB I-55 SHOULDER USING DIST 1 DETAIL FOR DAYTIME SHOULDER CLOSURE.
3. SOUTHEAST FRONTAGE ROAD (SEFR)- WITHIN EXISTING ROW
  - CLOSE ROAD AND PLACE DETOUR. MAINTAIN ACCESS TO PARK AND RIDE ON TEMPORARY NORTH ENTRANCE FROM OLD SEFR & US 6.
  - CLOSE SHOULDER ALONG NB I-55 EXIT RAMP USING DIST 1 DETAIL FOR DAYTIME SHOULDER CLOSURE.

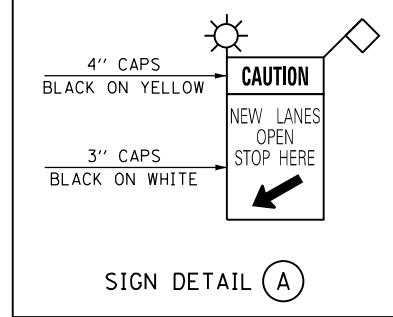
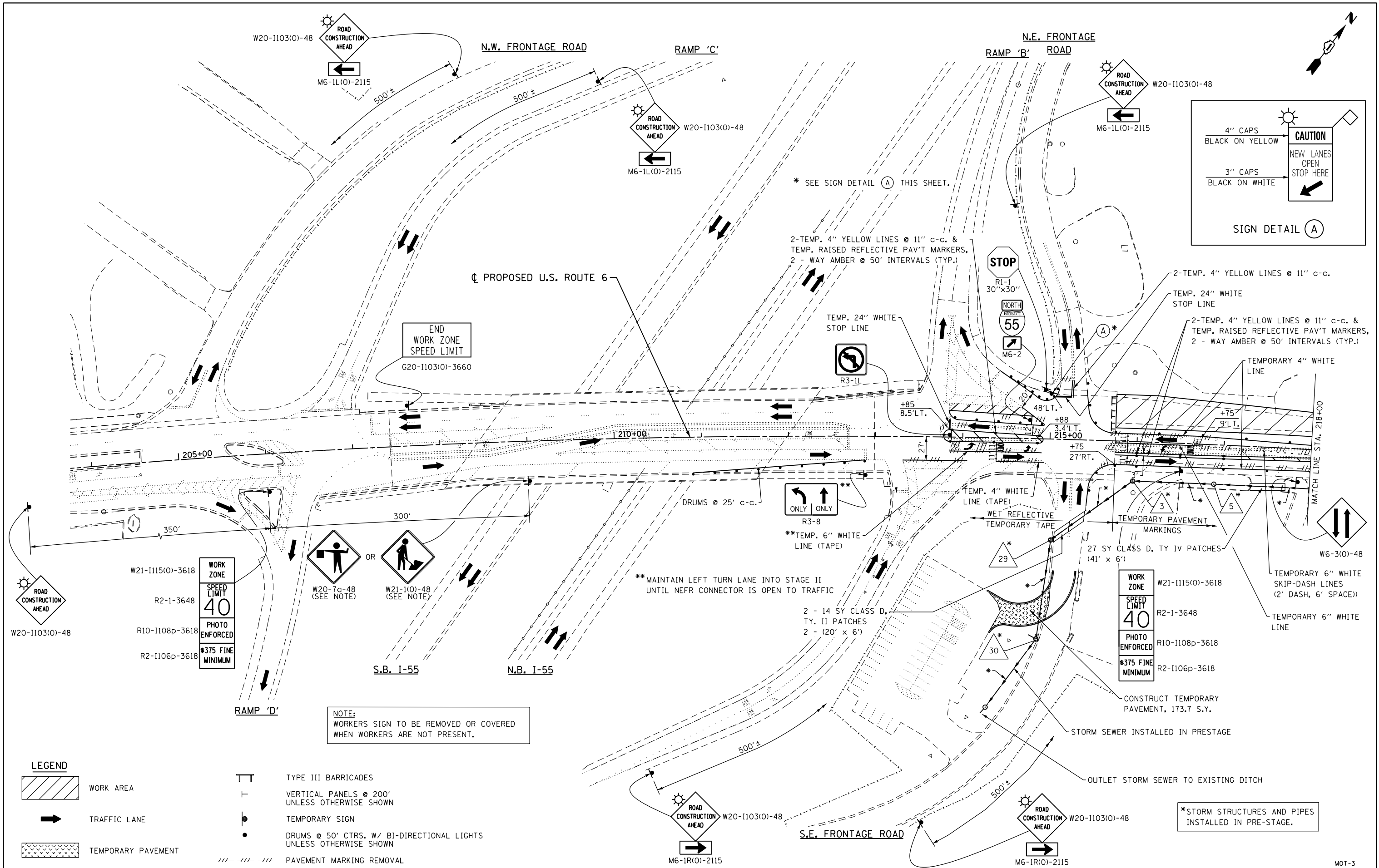
CONSTRUCTION - SUB-STAGE IIA

1. AFTER RELOCATED SEFR IS OPEN TO TRAFFIC, MAINTAIN ACCESS TO PARK AND RIDE LOT BY THE SOUTH ENTRANCE FROM THE SEFR.

CONSTRUCTION - STAGE III

1. US 6 - MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AND LEFT TURN LANES AT THE EAST FRONTAGE ROADS. SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR THIS STAGE.

FILE NAME = 0160130-sht-mot-staging-notes.dgn PLOT DATE = 1/16/2016 PLOT SCALE = 100.0329' / 1"	 <b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b> ENGINEERS-PLANNERS-SURVEYORS 221 NORTH LASALLE STREET, SUITE 300 CHICAGO, ILLINOIS 60601 PHONE: (312) 577-3300	DESIGNED - S.J.P.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGES OF CONSTRUCTION AND STAGING NOTES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.K.	REVISED -		55	99(1&2)AC-R-3	WILL	225	53			
CHECKED - M.P.	REVISED -	SCALE: 1" = 50'    SHEET NO. 2 OF 16 SHEETS    STA.                      TO STA.			CONTRACT NO. 60130							
DATE - JANUARY 15, 2016	REVISED -	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT										



**NOTE:**  
WORKERS SIGN TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.

**LEGEND**

- WORK AREA
- TRAFFIC LANE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES
- VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
- TEMPORARY SIGN
- DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN
- PAVEMENT MARKING REMOVAL

FILE NAME = D160130-sht-stagel-01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1000.0000 "/>

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

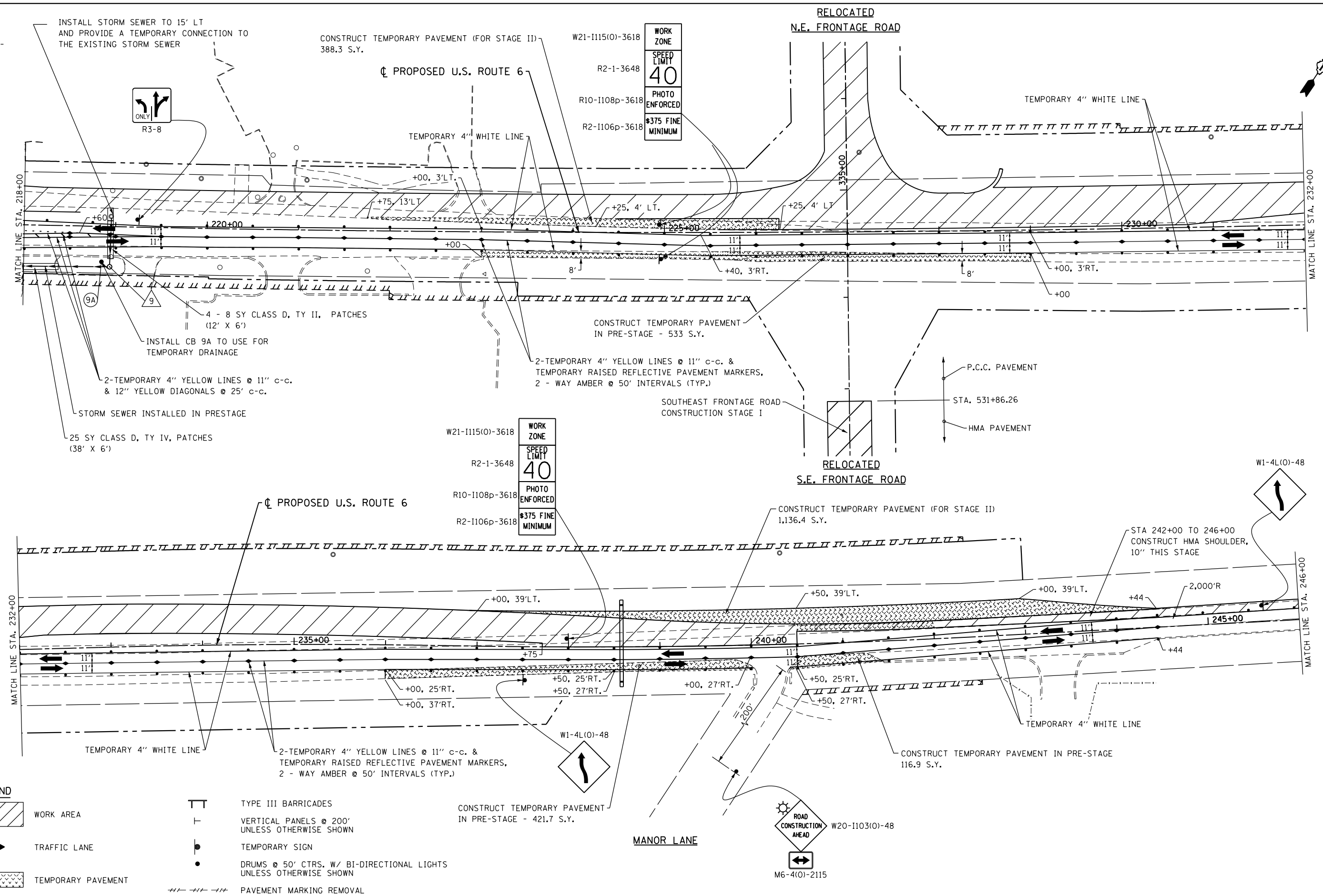
DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I**  
**U.S. 6**  
 SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 202+50 TO STA. 218+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
55	99(1&2)AC-R-3	WILL	225 54
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130



- LEGEND**
- WORK AREA
  - TRAFFIC LANE
  - TEMPORARY PAVEMENT
  - TYPE III BARRICADES
  - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
  - TEMPORARY SIGN
  - DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN
  - PAVEMENT MARKING REMOVAL

WORK ZONE  
SPEED LIMIT 40  
PHOTO ENFORCED  
\$375 FINE MINIMUM

WORK ZONE  
SPEED LIMIT 40  
PHOTO ENFORCED  
\$375 FINE MINIMUM

FILE NAME = 0160130-sht-stage1-02.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0000' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

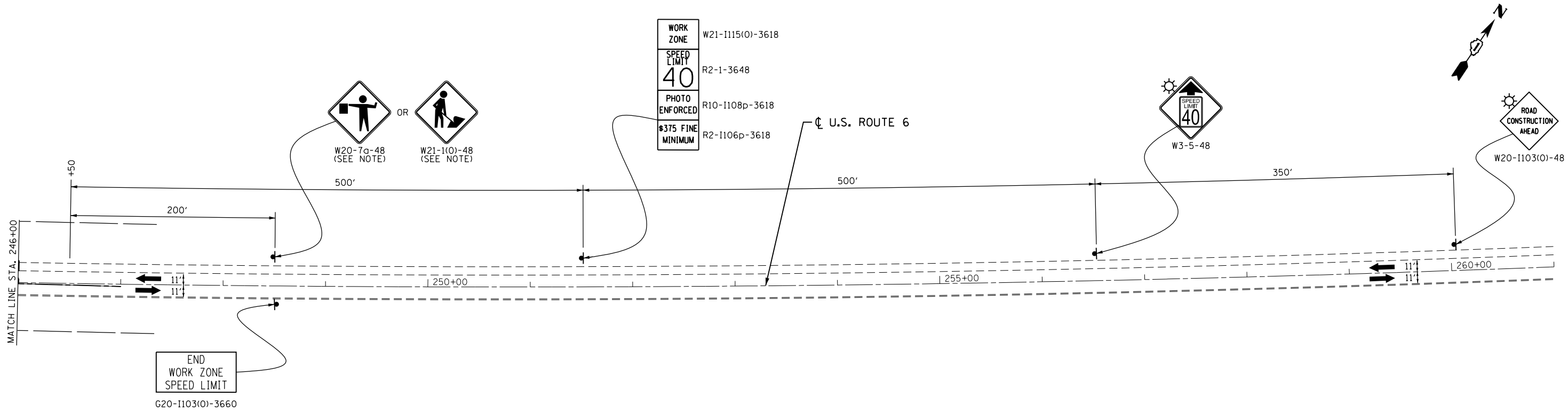
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I  
U.S. 6**

SCALE: 1" = 50'  
SHEET NO. 2 OF 3 SHEETS  
STA. 218+00 TO STA. 246+00

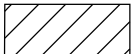

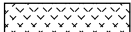




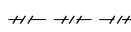
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	55
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





END  
WORK ZONE  
SPEED LIMIT  
G20-1103(O)-3660

NOTE:  
WORKERS SIGN TO BE REMOVED OR COVERED  
WHEN WORKERS ARE NOT PRESENT.

-  WORK AREA
-  TRAFFIC LANE
-  TEMPORARY PAVEMENT
-  TYPE III BARRICADES
-  VERTICAL PANELS @ 200'  
UNLESS OTHERWISE SHOWN
-  TEMPORARY SIGN
-  DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS  
UNLESS OTHERWISE SHOWN
-  PAVEMENT MARKING REMOVAL

MOT-5

FILE NAME = 0160130-sht-stage1-03.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0000' / in.

**CR**  
CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

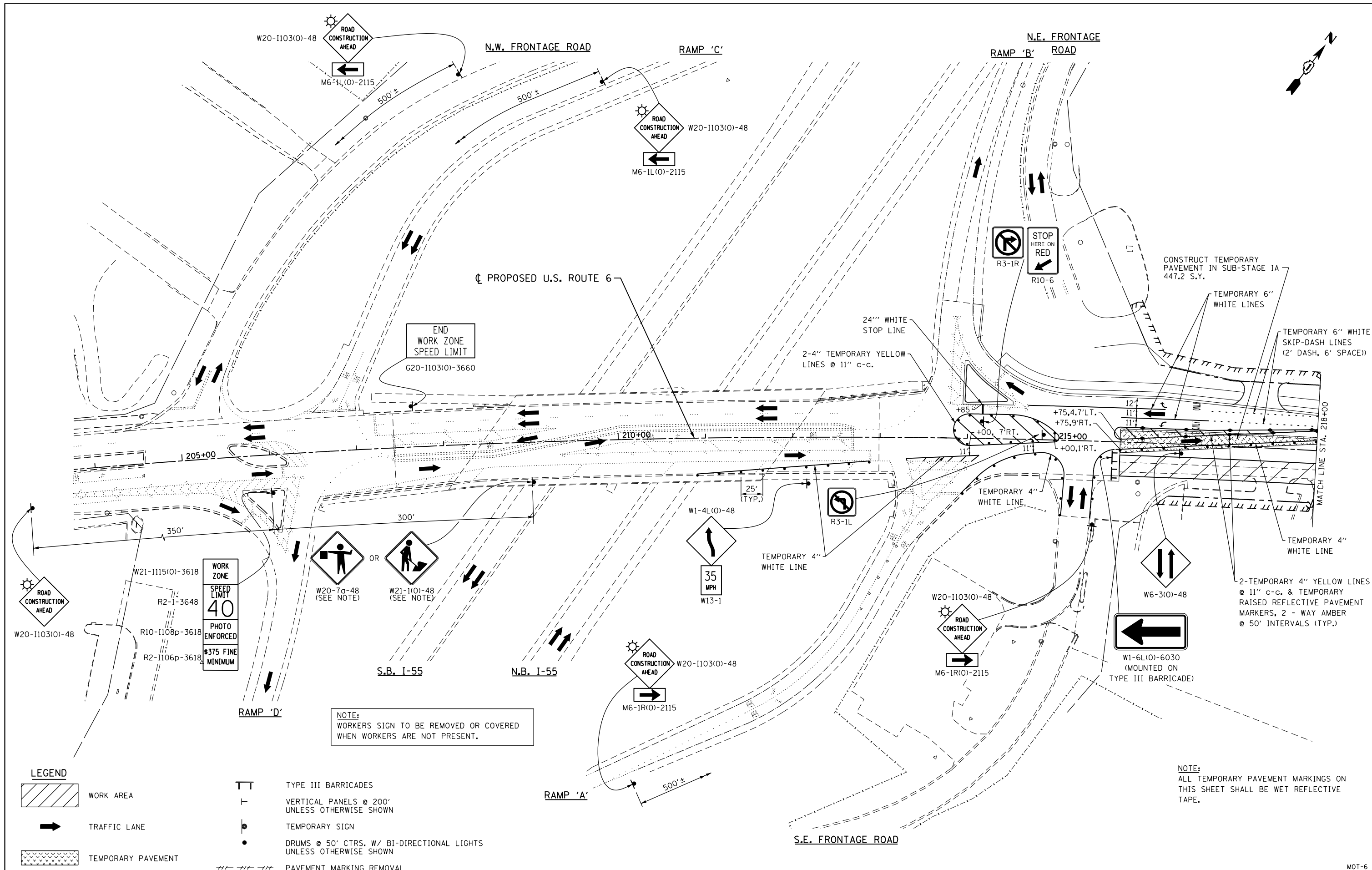
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I  
U.S. 6

SCALE: 1" = 50'    SHEET NO. 3 OF 3 SHEETS    STA. 246+00    TO STA. 261+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	56
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK AREA
- TRAFFIC LANE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES
- VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
- TEMPORARY SIGN
- DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN
- PAVEMENT MARKING REMOVAL

**NOTE:**  
WORKERS SIGN TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.

**NOTE:**  
ALL TEMPORARY PAVEMENT MARKINGS ON THIS SHEET SHALL BE WET REFLECTIVE TAPE.

FILE NAME = 0160130-shr-stage2-01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 100.0000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

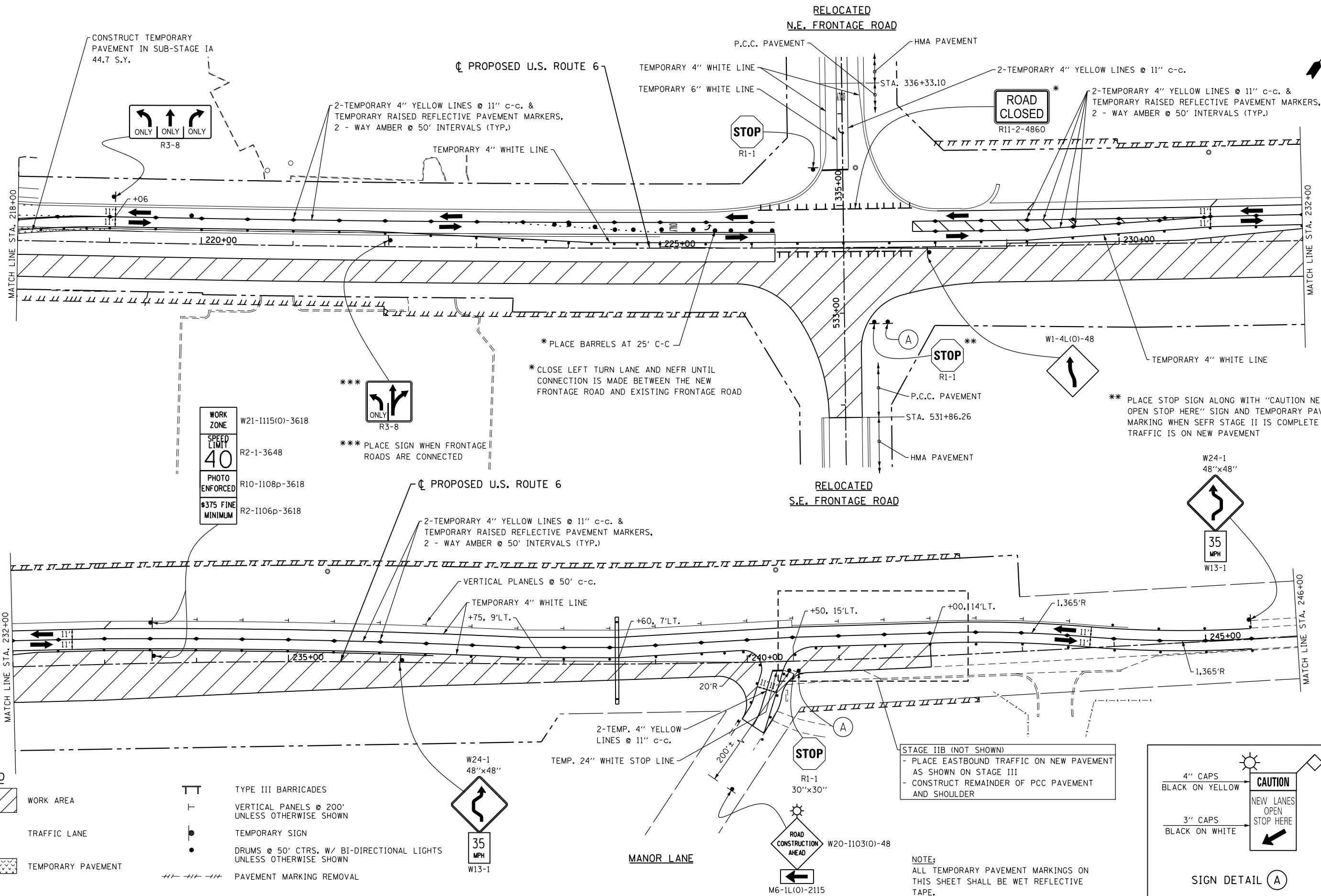
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II  
 U.S. 6**  
 SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 202+50 TO STA. 218+00

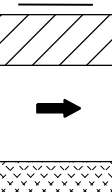
F.A.I. RTE. 55	SECTION 99(1&2)AC-R-3	COUNTY WILL	TOTAL SHEETS 225	SHEET NO. 57
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MOT-6



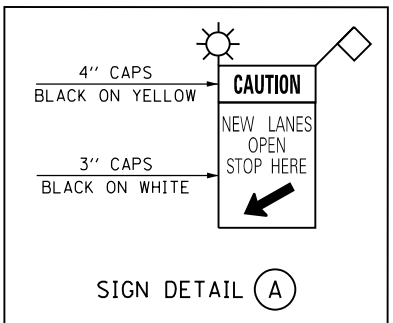
WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
#375 FINE MINIMUM	R2-1106p-3618

**LEGEND**



- TYPE III BARRICADES
- VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
- TEMPORARY SIGN
- DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN
- PAVEMENT MARKING REMOVAL

STAGE IIB (NOT SHOWN)  
 - PLACE EASTBOUND TRAFFIC ON NEW PAVEMENT AS SHOWN ON STAGE III  
 - CONSTRUCT REMAINDER OF PCC PAVEMENT AND SHOULDER



NOTE:  
 ALL TEMPORARY PAVEMENT MARKINGS ON THIS SHEET SHALL BE WET REFLECTIVE TAPE.

FILE NAME = 0160130-shr-stage2-02.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / 1"

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED	- S.J.P.	REVISED	-
DRAWN	- B.K.	REVISED	-
CHECKED	- M.P.	REVISED	-
DATE	- JANUARY 15, 2016	REVISED	-

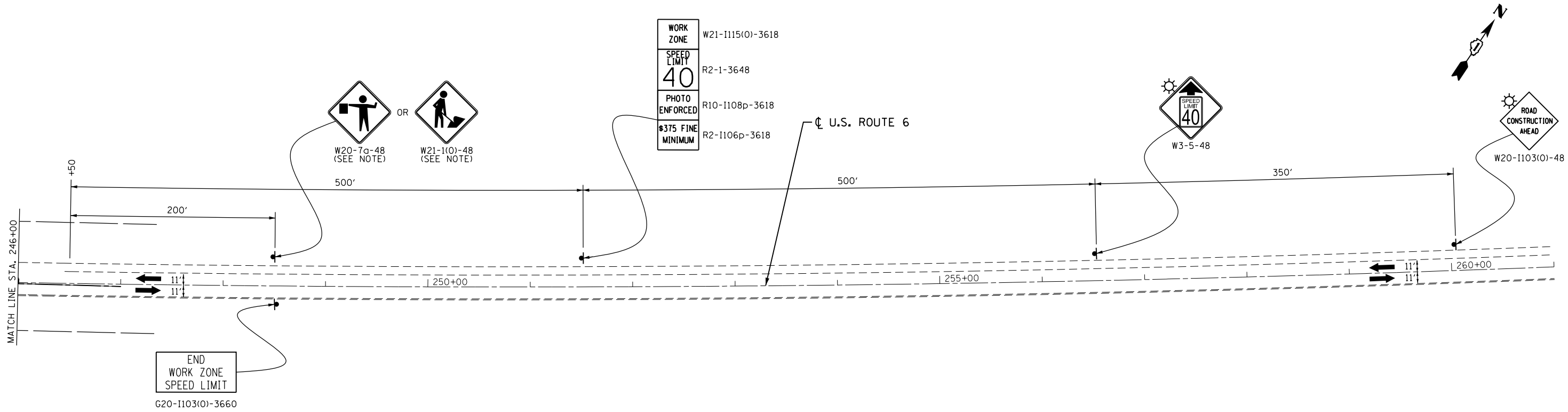
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II  
 U.S. 6**

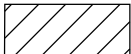

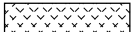




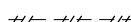
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 218+00 TO STA. 246+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	58
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MOT-7



**NOTE:**  
 WORKERS SIGN TO BE REMOVED OR COVERED  
 WHEN WORKERS ARE NOT PRESENT.

-  WORK AREA
-  TRAFFIC LANE
-  TEMPORARY PAVEMENT
-  TYPE III BARRICADES
-  VERTICAL PANELS @ 200'  
UNLESS OTHERWISE SHOWN
-  TEMPORARY SIGN
-  DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS  
UNLESS OTHERWISE SHOWN
-  PAVEMENT MARKING REMOVAL

MOT-8

FILE NAME = 0160130-sht-stage2-03.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II  
 U.S. 6**

SCALE: 1" = 50'    SHEET NO. 3 OF 3 SHEETS    STA. 246+00    TO STA. 261+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	59
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

**ROAD CLOSED**  
R11-2-4860

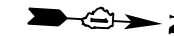
PLACE TYPE III BARRICADES AT LAST MANOR HOTEL DRIVEWAY UNTIL N.E. FRONTAGE ROAD CONNECTOR IS OPEN TO TRAFFIC.

RAMP 'B'

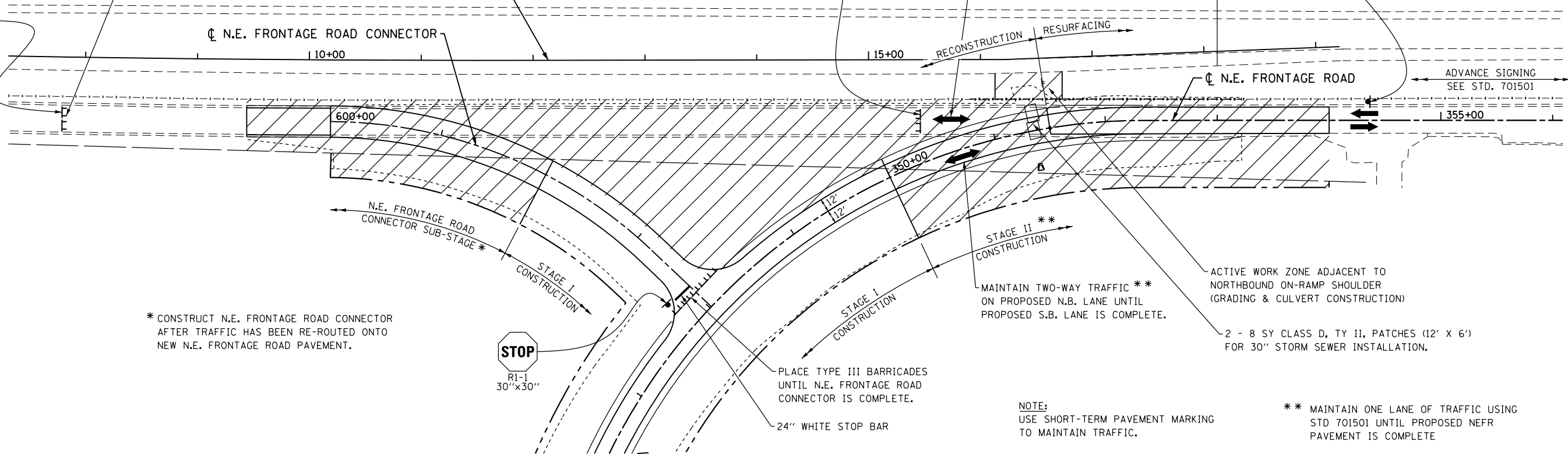


W1-6R(O)-6030  
(MOUNTED ON TYPE III BARRICADE)  
PLACE AFTER TRAFFIC HAS BEEN PLACED ONTO NEW PAVEMENT.

DAYTIME SHOULDER CLOSURE, SEE DISTRICT ONE DETAIL TC-17 FOR SIGNING & BARRICADE PLACEMENT



MAINTAIN TWO-WAY TRAFFIC \*\* ON EXISTING S.B. LANE UNTIL PROPOSED N.B. LANE IS COMPLETE.



\* CONSTRUCT N.E. FRONTAGE ROAD CONNECTOR AFTER TRAFFIC HAS BEEN RE-ROUTED ONTO NEW N.E. FRONTAGE ROAD PAVEMENT.



PLACE TYPE III BARRICADES UNTIL N.E. FRONTAGE ROAD CONNECTOR IS COMPLETE.

24" WHITE STOP BAR

MAINTAIN TWO-WAY TRAFFIC \*\* ON PROPOSED N.B. LANE UNTIL PROPOSED S.B. LANE IS COMPLETE.

ACTIVE WORK ZONE ADJACENT TO NORTHBOUND ON-RAMP SHOULDER (GRADING & CULVERT CONSTRUCTION)

2 - 8 SY CLASS D, TY II, PATCHES (12' X 6') FOR 30" STORM SEWER INSTALLATION.

NOTE:  
USE SHORT-TERM PAVEMENT MARKING TO MAINTAIN TRAFFIC.

\*\* MAINTAIN ONE LANE OF TRAFFIC USING STD 701501 UNTIL PROPOSED NEFR PAVEMENT IS COMPLETE

**LEGEND**



WORK AREA



TRAFFIC LANE



TEMPORARY PAVEMENT



TYPE III BARRICADES



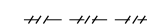
VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN



TEMPORARY SIGN



DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN



PAVEMENT MARKING REMOVAL

FILE NAME =D160130-sht-stage2.NEFR.dgn  
PLOT DATE =1/16/2016  
PLOT SCALE=100.0000' / in.

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

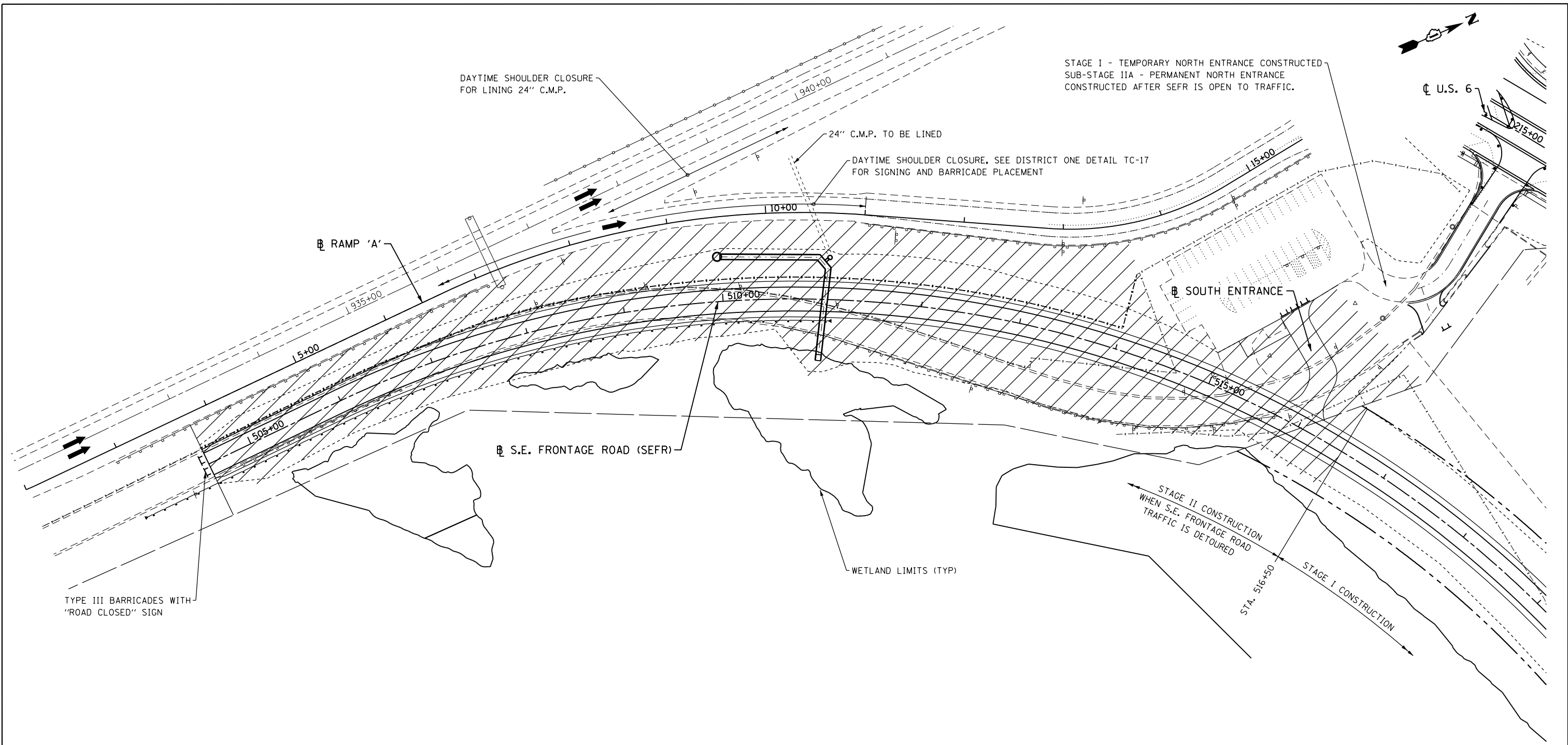
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION - STAGE II**  
**NORTHEAST FRONTAGE ROAD AND CONNECTOR**

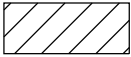






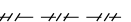
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 218+00 TO STA. 233+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	60
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MOT-9



**LEGEND**

-  WORK AREA
-  TRAFFIC LANE
-  TEMPORARY PAVEMENT
-  TYPE III BARRICADES
-  VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
-  TEMPORARY SIGN
-  DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS UNLESS OTHERWISE SHOWN
-  PAVEMENT MARKING REMOVAL

FILE NAME = D160130-sh2-stage2.SEFR.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

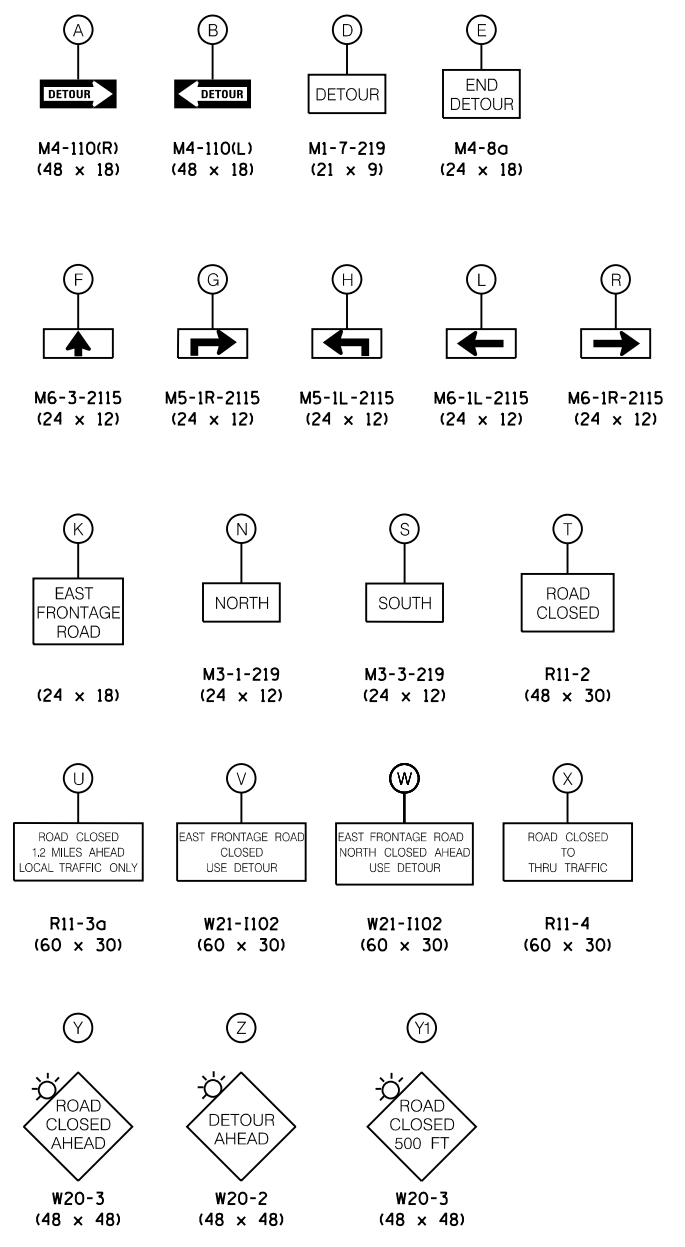
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION - STAGE II  
 SOUTHEAST FRONTAGE ROAD**  
 SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 218+00 TO STA. 233+00

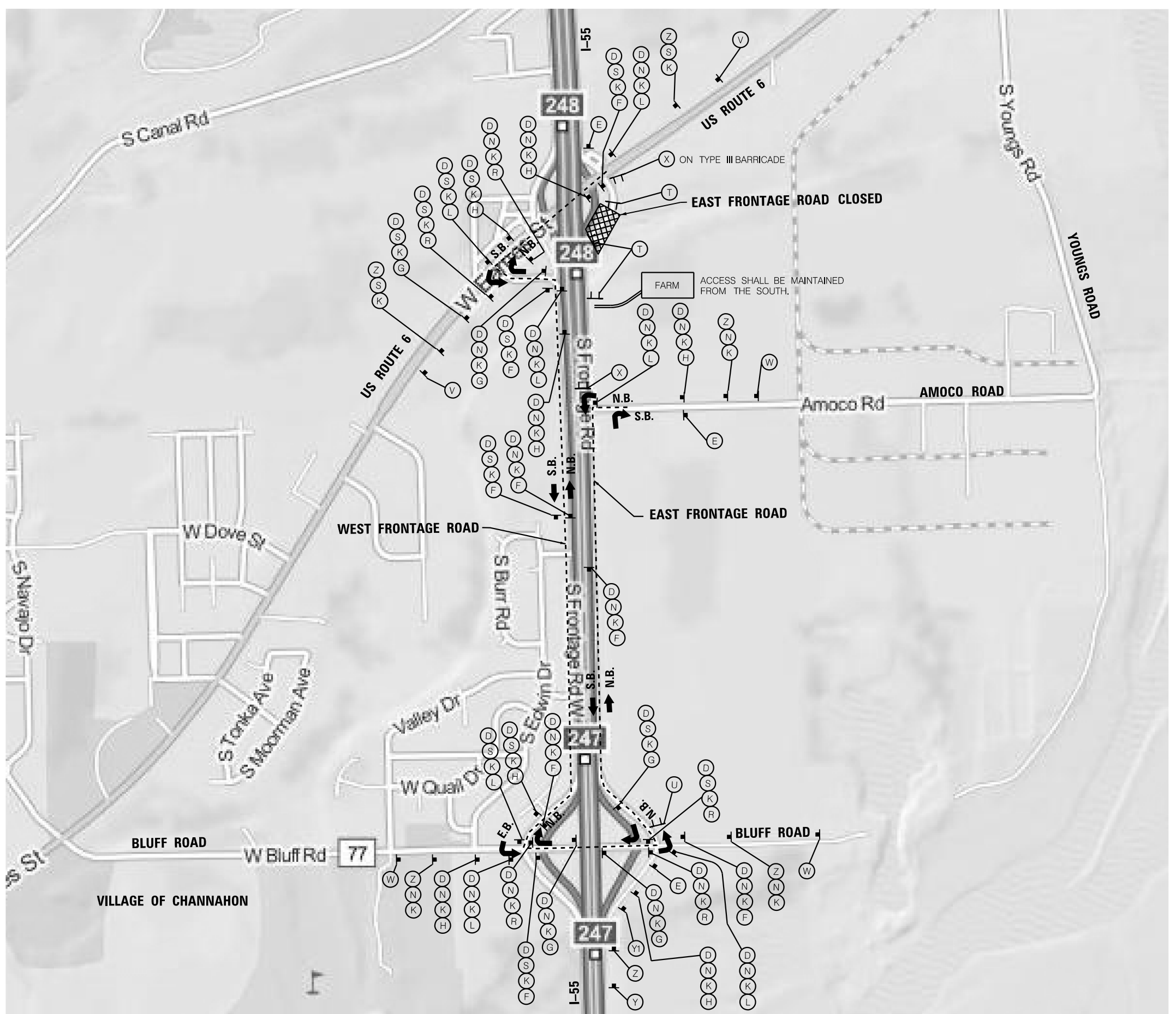
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	61
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MOT-10



**NOTES:**

1. USE THIS DETOUR PLAN IN CONJUNCTION WITH DISTRICT ONE STANDARD DETAILS - DETOUR SIGNING FOR CLOSING STATE HIGHWAYS.
2. ALL SIGN DIMENSIONS ARE SHOWN IN INCHES.
3. ALL DETOUR SIGNS ARE TO BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION SPECIAL".
4. ONE VARIABLE MESSAGE SIGN SHALL BE PLACED ON SOUTHBOUND EAST FRONTAGE ROAD AND ONE ON NORTHBOUND EAST FRONTAGE ROAD AT LEAST ONE (1) WEEK PRIOR TO THE CLOSING OF EAST FRONTAGE ROAD. EAST FRONTAGE ROAD SHALL ONLY BE CLOSED FOR A MAXIMUM OF FOUR (4) WEEKS.
5. D, F, G, H, L, AND R SIGNS CAN BE REPLACED WITH M4-9 SIGNS FOR DETOURS ON UNMARKED ROUTES PER DISTRICT DETAIL TC-21.



FILE NAME = D160130-shr-detour-ORIGINAL.dwg  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000 / 1 in.

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

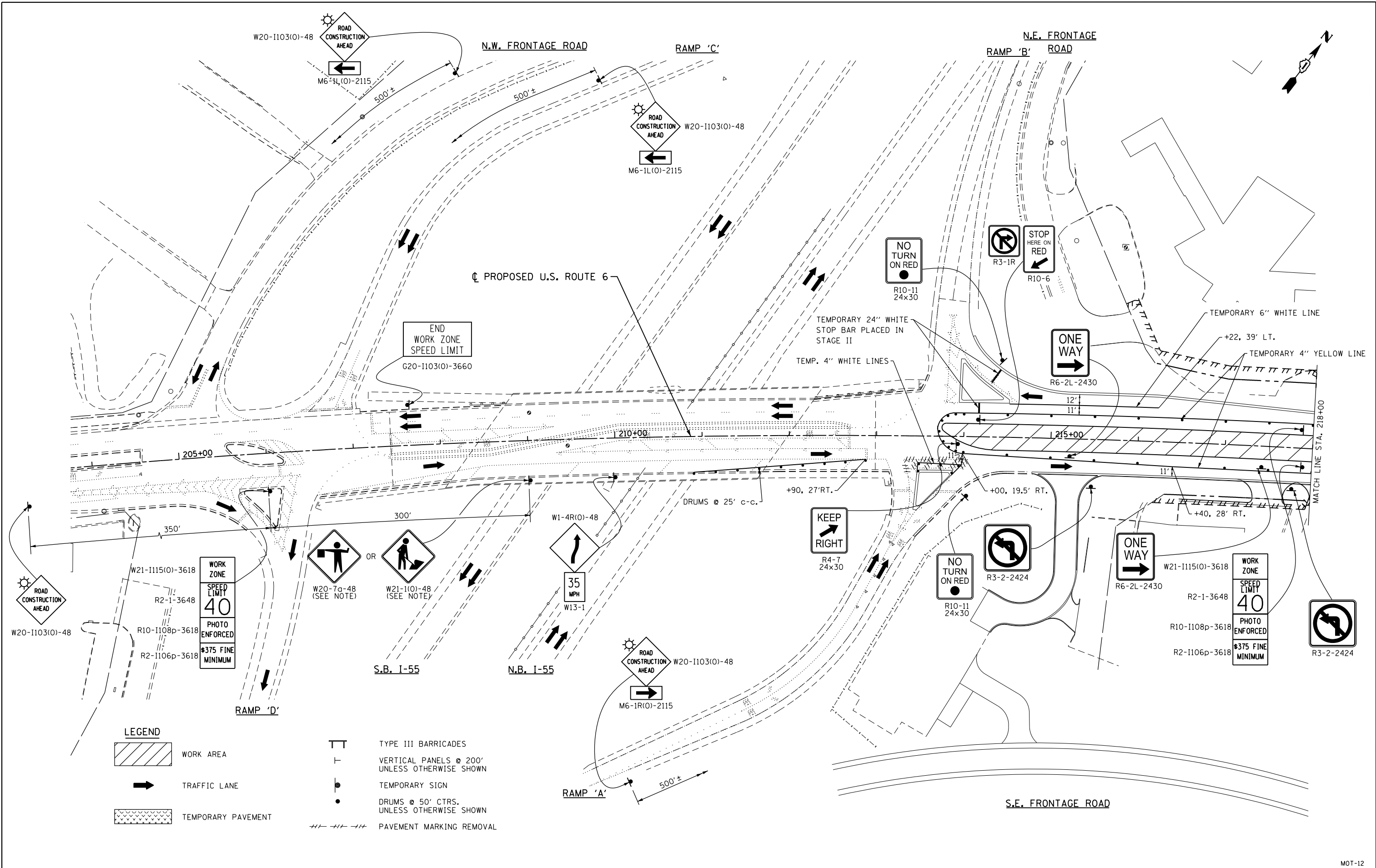
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EAST FRONTAGE ROAD DETOUR PLAN  
 US RTE. 6**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	62
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MOT-11



- LEGEND**
- WORK AREA
  - TRAFFIC LANE
  - TEMPORARY PAVEMENT
  - TYPE III BARRICADES
  - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
  - TEMPORARY SIGN
  - DRUMS @ 50' CTRS. UNLESS OTHERWISE SHOWN
  - PAVEMENT MARKING REMOVAL

FILE NAME = D160130-sht-stage3-01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

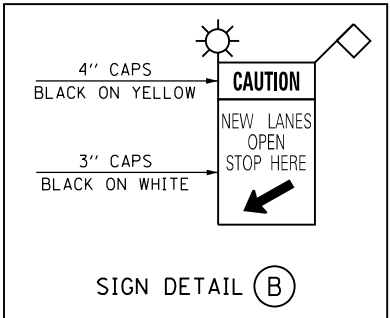
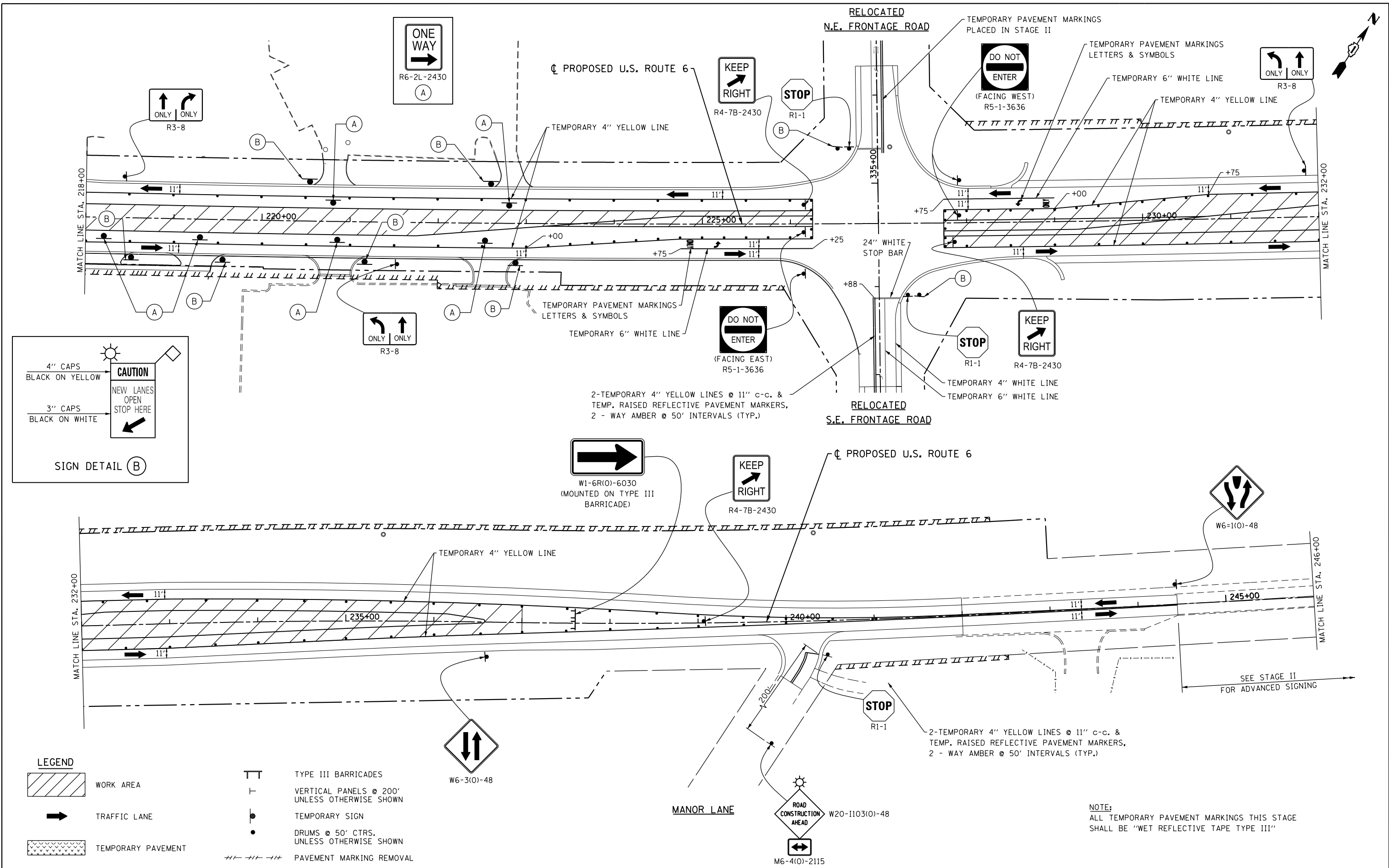
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE III  
 U.S. 6**

SCALE: 1" = 50'    SHEET NO. 1 OF 3 SHEETS    STA. 218+00 TO STA. 233+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	63
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	





**LEGEND**

- WORK AREA
- TRAFFIC LANE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES
- VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
- TEMPORARY SIGN
- DRUMS @ 50' CTRS. UNLESS OTHERWISE SHOWN
- PAVEMENT MARKING REMOVAL

**NOTE:**  
ALL TEMPORARY PAVEMENT MARKINGS THIS STAGE SHALL BE "WET REFLECTIVE TAPE TYPE III"

FILE NAME = D160130-sht-stage3-02.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 1/8" = 1' / 1/4" = 10'

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

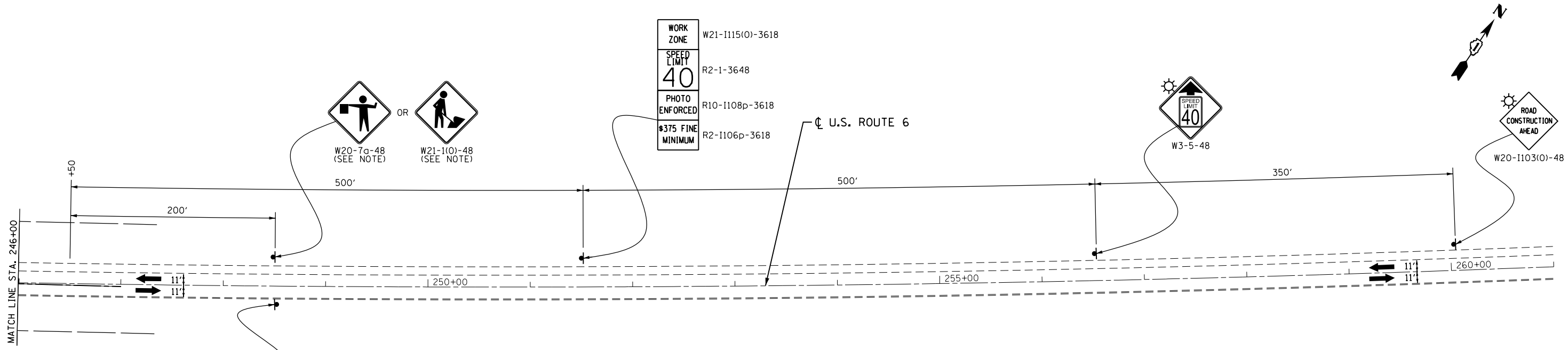
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE III  
U.S. 6**

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 218+00 TO STA. 246+00



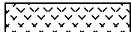




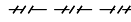
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	64
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



END  
WORK ZONE  
SPEED LIMIT  
G20-1103(O)-3660

NOTE:  
"WORKERS" SIGN TO BE REMOVED OR COVERED  
WHEN WORKMEN ARE NOT PRESENT.

NOTE:  
WORKERS SIGN TO BE REMOVED OR COVERED  
WHEN WORKERS ARE NOT PRESENT.

-  WORK AREA
-  TRAFFIC LANE
-  TEMPORARY PAVEMENT
-  TYPE III BARRICADES
-  VERTICAL PANELS @ 200'  
UNLESS OTHERWISE SHOWN
-  TEMPORARY SIGN
-  DRUMS @ 50' CTRS. W/ BI-DIRECTIONAL LIGHTS  
UNLESS OTHERWISE SHOWN
-  PAVEMENT MARKING REMOVAL

MOT-14

FILE NAME = 0160130-sht-stage3-03.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 1/8" = 1' / 1/4" = 1"

**CR**  
CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE III  
U.S. 6**

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 246+00 TO STA. 261+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	65
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**EROSION AND SEDIMENT CONTROL GENERAL NOTES**

1. THE WORK DESCRIBED ON THESE DRAWINGS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT. FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR FROM OFF-SITE AND FLOW OVER THE DISTURBED AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZING EROSION AT THE SOURCE AND INSTALLING OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR SHOULD BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE SHALL BE DIVERTED AROUND DISTURBED AREAS OR SHALL NOT BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT SHALL PASS THROUGH ONE OR MORE MEASURES THAT SHALL REDUCE OVERLAND FLOW RATES AS WELL AS CURTAIL ON AND OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA SHALL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR SHALL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT SHALL NOT BE STRIPPED FROM VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING SHALL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
  - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER SHALL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRE LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS OR STORAGE AREAS.
  - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
    - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
    - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE WORK ON TIME.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA SHALL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 1 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2, SHALL BE INITIATED WITHIN SEVEN DAYS AFTER GRADING OR OTHER EARTH DISTURBING ACTIVITIES HAS CEASED. TEMPORARY STABILIZATION SHALL BE INSTALLED WITHIN 1 DAY WHENEVER GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 1/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION OF CUT OR FILL SLOPES WITH PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE HEIGHT EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL OR EXCAVATION ACTIVITIES IS ALLOWED TO PROCEED. TEMPORARY STABILIZATION OF THE CUT OR FILL SLOPES SHALL BE INSTALLED WITHIN 1 DAYS WHEN ACTIVITY ON THE CUT OR FILL SLOPE CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON MUST POSSESS KNOWLEDGE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 0.5 IN. OR EQUIVALENT SNOWFALL. DURING THE WINTER MONTHS, EROSION CONTROL MEASURES SHALL ALSO BE INSPECTED AFTER SIGNIFICANT SNOW MELT EVENTS.
11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE INSPECTED REGULARLY AND MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. ALL SEDIMENTS SHALL BE REMOVED TO AN APPROVED SITE. STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN THE SEDIMENT LEVEL/HEIGHT REACHED 50% OF THE HEIGHT OF THE CONTROL DEVICE. THE DEBRIS SHALL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE. IT SHOULD ALSO BE STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE WITH APPROVED STABILIZATION MEASURES. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIAL EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN (THE VICINITY OF) THE TRAP OR BASIN. IT SHALL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS TO BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT SHALL ASSUME THE COST OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATION, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH MULCH METHOD 2 PROVIDING THAT THE FOLLOWING CONDITIONS ARE MET:
  - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
  - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY MULCH METHOD 2.
  - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE:
  - CLASS 2A SALT TOLERANT ROADSIDE MIX TO BE USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES, INTENDED TO BE MOWED BY IDOT.
  - SODDING SALT TOLERANT TO BE USED IN AREAS ADJACENT TO OTHER AREAS REQUIRING A HIGH ORDER OR APPEARANCE INTENDED TO BE MOWED BY SOMEONE OTHER THAN IDOT.
  - CLASS 3 & 4 TO BE USED IN SPECIFIC AREAS PER LANDSCAPE PLANS AS A BMP MEASURE WHERE APPLICABLE.
  - CLASS 4B TO BE USED IN SPECIFIC AREAS PER LANDSCAPE PLANS AS A BMP MEASURE WHERE APPLICABLE.
  - TEMPORARY EROSION CONTROL SEEDING TO BE USED FOR SHORT TERM. PLACE MULCH METHOD 2 WITHIN 24 HOURS OF SEED PLACEMENT. TEMPORARY SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED AND IS APPLIED TO ALL DISTURBED AREAS.

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

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

FILE NAME = 0160130-sht-ec-gennote01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0323' / 1" =



DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL - GENERAL NOTES**

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


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	66
				<b>CONTRACT NO. 60130</b>
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

**EROSION AND SEDIMENT CONTROL GENERAL NOTES**

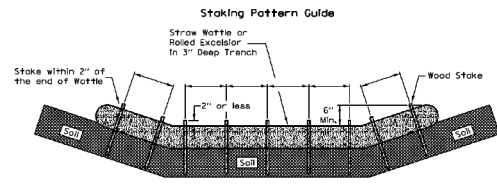
- 18. TOP SOIL PLACEMENT:  
TOPSOIL SHALL NOT BE PLACED AT AREAS COMPLETED WHERE FURTHER CONSTRUCTION SHALL BE DONE AS PART OF THIS CONTRACT.
- 19. SEDIMENT CONTROL DRAINAGE STRUCTURE INLET FILTER SHALL BE INSTALLED AND MAINTAINED AT EACH EXISTING AND PROPOSED INLET WITHIN THE PROJECT LIMITS.
- 20. INLET AND PIPE PROTECTION: INSPECT REGULARLY AND AFTER EVERY STORM. MAKE REPAIRS AS NECESSARY TO ENSURE THAT THE MEASURE IS IN GOOD WORKING ORDER. CLEAN OR REMOVE AND REPLACE THE FILTER FABRIC IF IT BECOMES CLOGGED. WORK IS INCLUDED IN COST OF INLET AND PIPE PROTECTION. INLET AND PIPE PROTECTION SHALL BE COMPRISED OF DITCH CHECKS, TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET. STRAW BALES AND SILT FENCE SHALL NOT BE USED AS INLET AND PIPE PROTECTION.
- 21. SILT FENCE IS NOT REQUIRED WHERE THE PERIMETER IS HIGHER THAN THE WORK ZONE, AND SILT FENCE SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW, OR ACROSS CONTOURS WITHOUT J-HOOKS (HIGHWAY STANDARD SHEET 280001). IN AREAS OF CONCENTRATED FLOW, TEMPORARY DITCH CHECKS ARE A SUITABLE ALTERNATIVE IN PLACE OF SILT FENCE.
- 22. PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.
- 23. TEMPORARY FENCING, PERIMETER EROSION BARRIER AND "WETLAND NO INTRUSION" SIGNAGE SHOULD BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WATERS OF THE US WITHIN THE ROW. SIGNS SHALL BE ATTACHED TO THE POST OF THE PERIMETER EROSION BARRIER ITEM. THE SIGNS AND MOUNTING OF THE SIGNS SHALL BE CONSIDERED INCLUDED IN THE UNIT COST OF THE PERIMETER EROSION BARRIER. THREE SIGNS MINIMUM SHALL BE POSTED AT EACH WETLAND LOCATION EQUALLY SPACED.
- 24. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE:  
  
[HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL/](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control/).
- 25. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- 26. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
- 27. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- 28. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OF WORK AREA OR INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED WITHIN THE WORK AREA USING TEMPORARY EROSION CONTROL SEEDING IN ACCORDANCE TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE.
- 29. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
- 30. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE EROSION CONTROL PLANS SHALL BE COORDINATED WITH THE SUGGESTED STAGES OF TRAFFIC CONTROL AND PROTECTION PLANS. THE SEQUENCE OF CONSTRUCTION SHALL BE CONSULTED BEFORE APPLYING EROSION AND SEDIMENT CONTROL MEASURES.
- 31. MULCH METHOD 4 SHALL BE USED WITHIN 48 HOURS AFTER PLANTING WOODY PLANTS PER "PLANTING WOODY PLANTS" SPECIAL PROVISION AND PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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

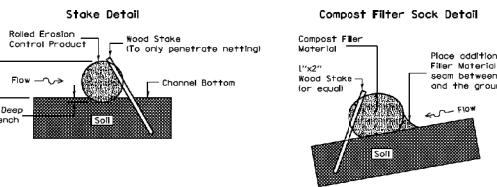
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

FILE NAME =D160130-sht-ec-gennote02.dgn	 <b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b> ENGINEERS-PLANNERS-SURVEYORS 221 NORTH LASALLE STREET, SUITE 300 CHICAGO, ILLINOIS 60601 PHONE: (312) 577-3300	DESIGNED - S.J.P.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL - GENERAL NOTES</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE =1/16/2016		DRAWN - B.K.	REVISED -				55	99(1&2)AC-R-3	WILL	225	67
PLOT SCALE=100.0000' / in.	CHECKED - M.P.	REVISED -	CONTRACT NO. 60130								
	DATE - JANUARY 15, 2016	REVISED -	SCALE: NONE		SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

**ROLLED EROSION CONTROL PRODUCTS**



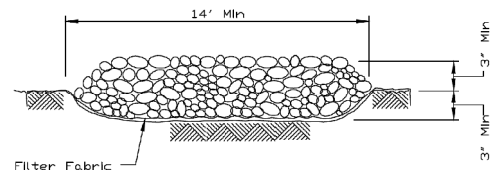
- Notes:
1. Overlap minimum is the diameter of the roll.
  2. 4" spacing for wattles.
  3. 2" spacing for rolled excelsior.
  4. Or space according to manufacturer's specifications.



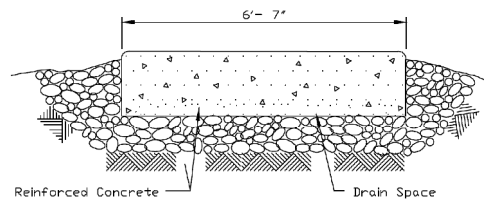
- Notes:
1. Drawings are not to scale.
  2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
  3. Recommended stakes are 1 1/2" wide x 1 1/2" thick x 30" long.
  4. Stakes shall not extend above the straw wattle more than 2".
  5. Spacing: The top of the upslope ditch check shall create a horizontal line with the top of the downslope ditch check.
  6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 505). A trench is not required.

REFERENCE Project	Date	STANDARD DVG. NO. IUM-514
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 8-19-11
Approved	Date	

**STABILIZED CONSTRUCTION ENTRANCE PLAN**



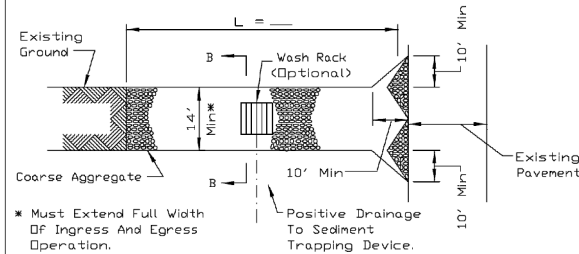
SECTION A-A



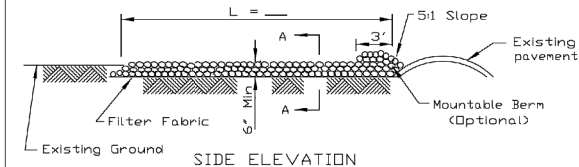
SECTION B-B

REFERENCE Project	Date	STANDARD DVG. NO. IL-630
Designed	Date	SHEET 2 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

**STABILIZED CONSTRUCTION ENTRANCE PLAN**



PLAN VIEW

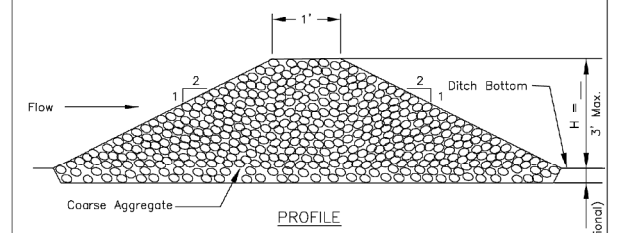


SIDE ELEVATION

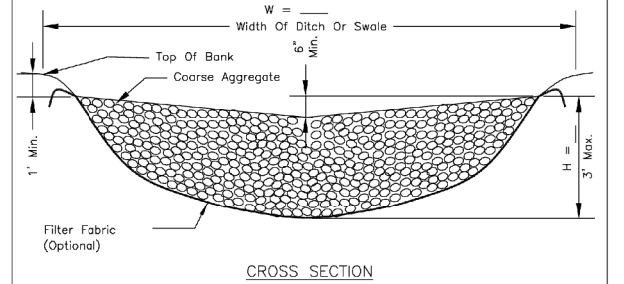
- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
  2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
  4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	Date	STANDARD DVG. NO. IL-630
Designed	Date	SHEET 1 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

**ROCK CHECK DAM - COARSE AGGREGATE**



PROFILE

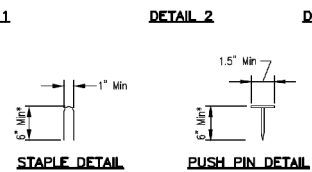
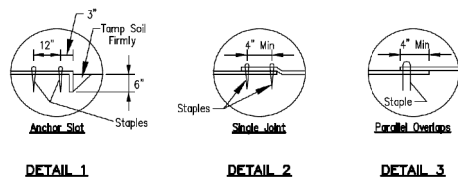
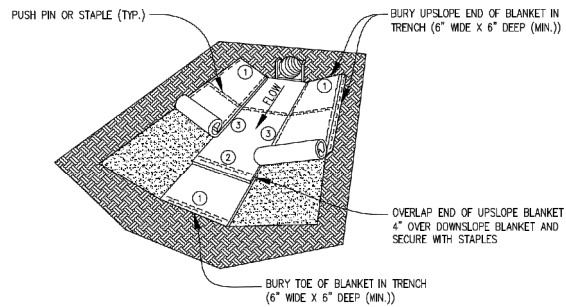


CROSS SECTION

- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock.
  2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  3. For added stability, the base of the dam may be keyed 6 inches into the soil.
  4. See plans for spacing of dams and H dimensions.
  5. Drainage area to each dam shall be less than 2 acres.
  6. Use ROCK CHECK DAM-RIPRAP IL-605R for drainage areas of 2 to 10 acres.

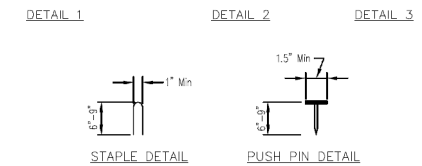
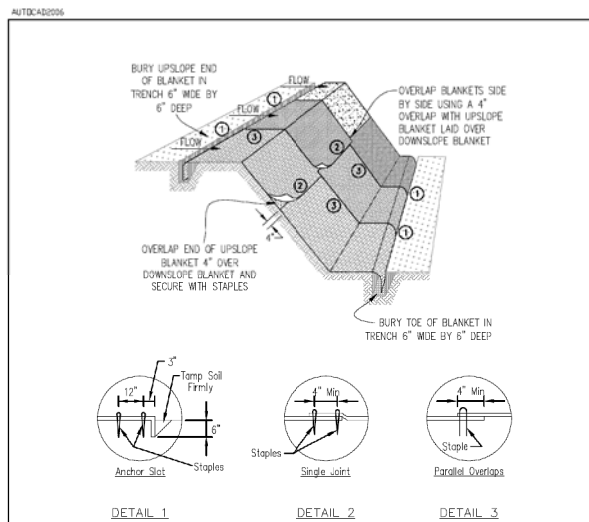
REFERENCE Project	Date	STANDARD DVG. NO. IL-605CA
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 1-29-99
Approved	Date	

**EROSION CONTROL BLANKET - TURF REINFORCEMENT MAT (TRM)**



- Notes:
1. For sandy soil conditions, staple or push pin shall be a minimum 8 inches.

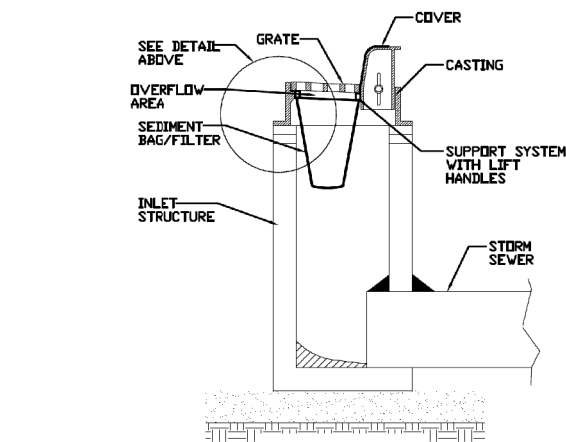
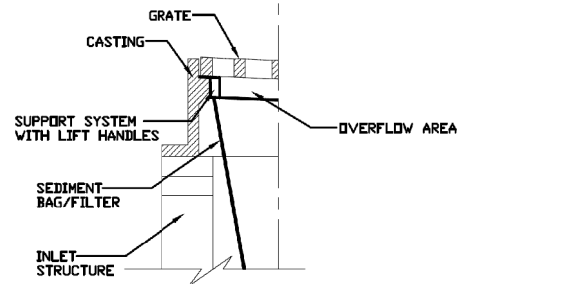
REFERENCE Project	Date	STANDARD DVG. NO. IUM-531
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 02-22-11
Approved	Date	



- NOTES:
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
  2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
  3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
  4. All anchor slots shall be stapled at approximately 12" intervals.

REFERENCE Project	Date	STANDARD DVG. NO. IUM-531
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 02-22-11
Approved	Date	

**INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION**



REFERENCE Project	Date	STANDARD DVG. NO. IUM-561D
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 01-11-11
Approved	Date	

FILE NAME = D:\60130-sht-eroswpp2.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

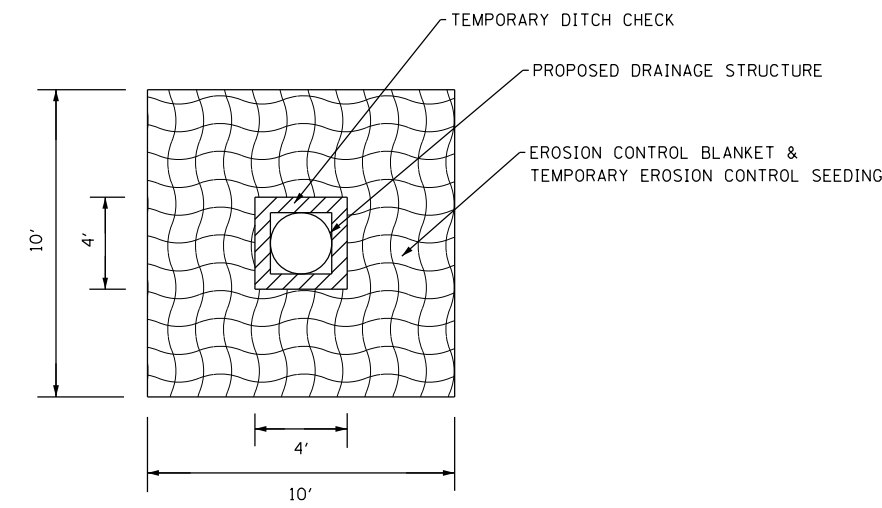
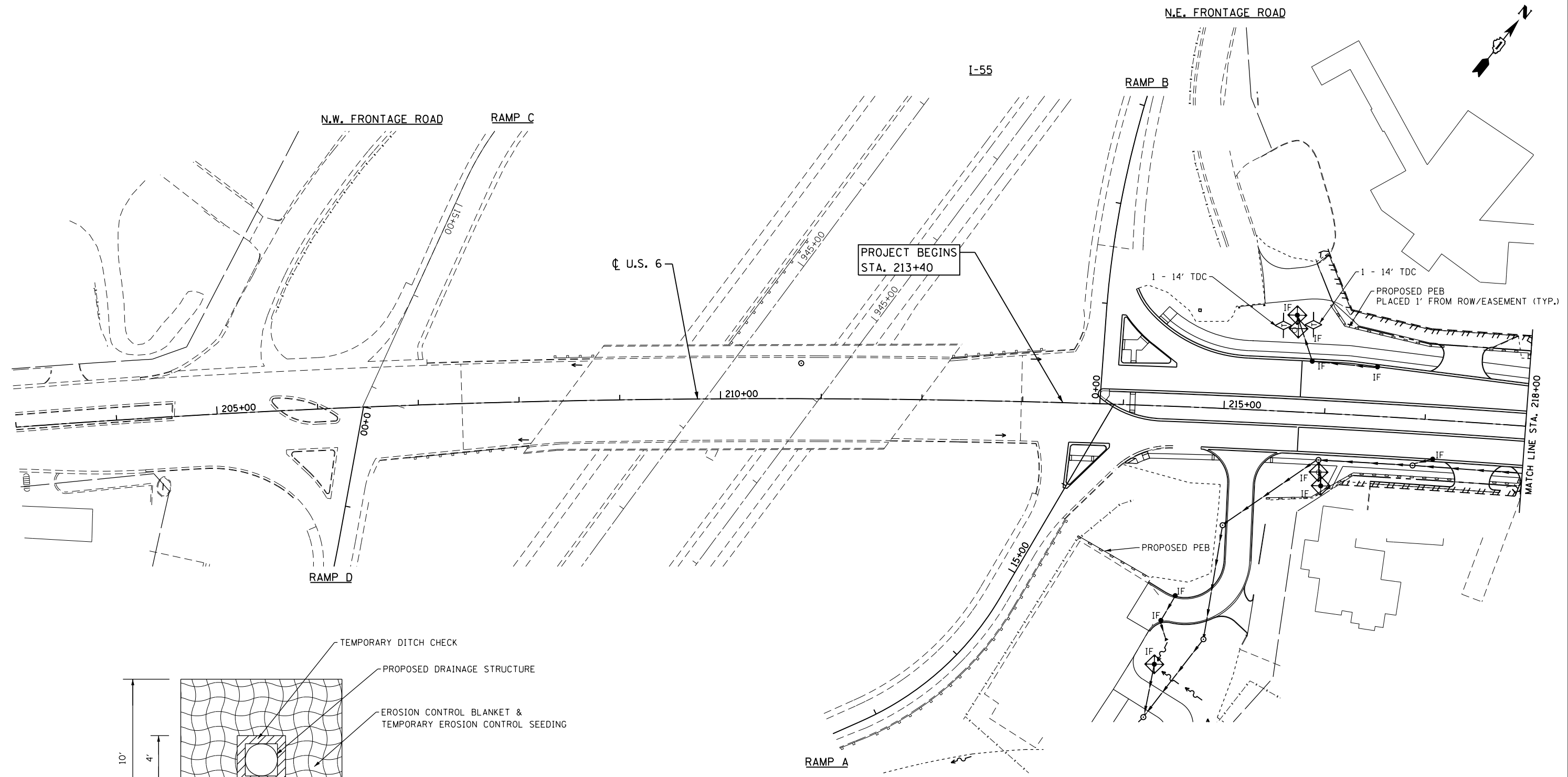
**EROSION AND SEDIMENT CONTROL DETAILS**  
**U.S. 6**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	68
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



PIPE PROTECTION DETAIL

NOTES:

1. A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR WIDER DITCHES AS NOTED. ALL TEMPORARY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
2. TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- ~ TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME = 0160130-sht-erosion01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0000' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED	- S.J.P.	REVISED	-
DRAWN	- B.K./A.Y.	REVISED	-
CHECKED	- M.P.	REVISED	-
DATE	- JANUARY 15, 2016	REVISED	-

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

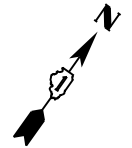
**EROSION AND SEDIMENT CONTROL PLAN**  
**U.S. 6**

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. 213+40 TO STA. 218+00

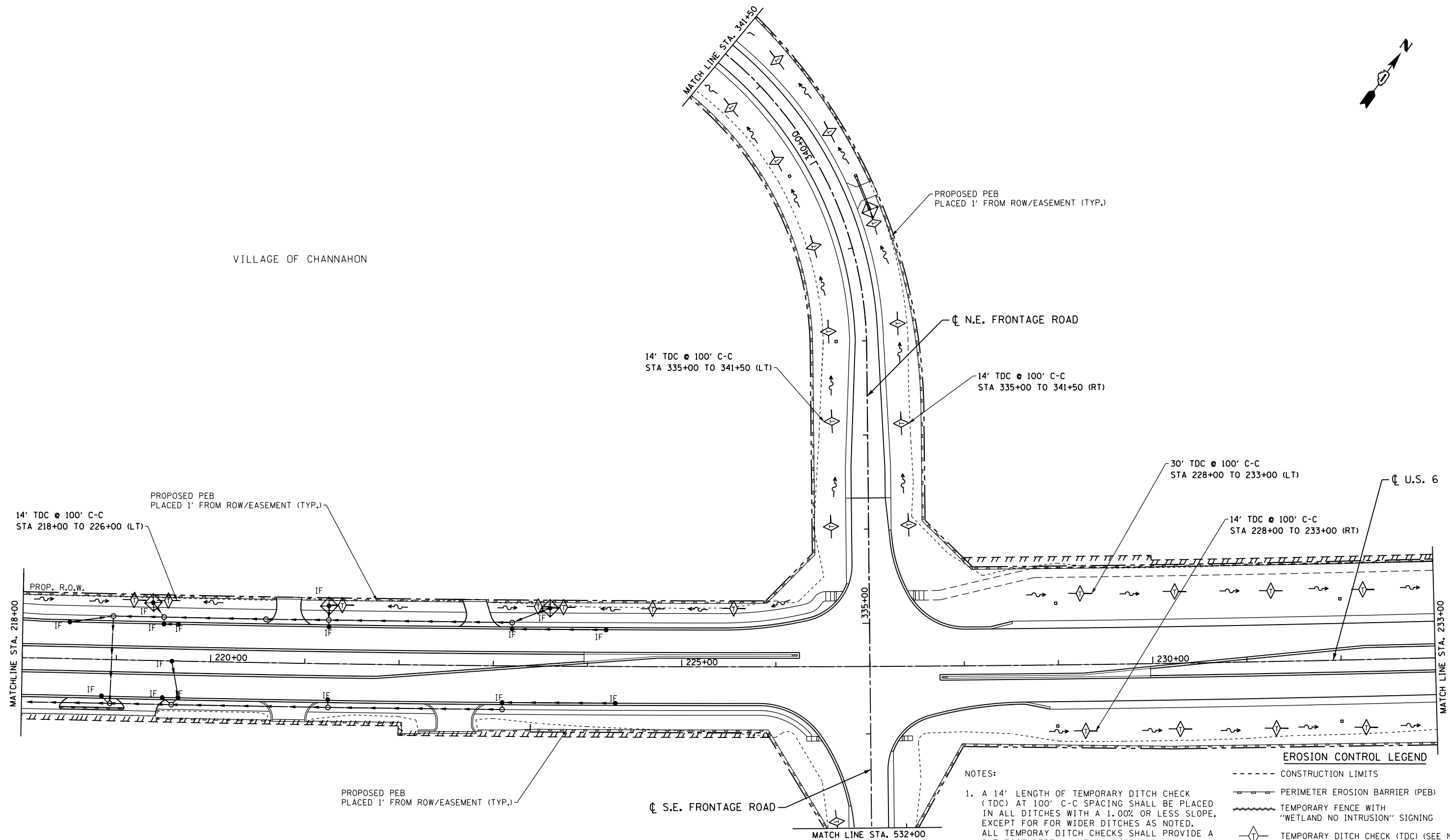
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	69
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



VILLAGE OF CHANNAHON



NOTES:

1. A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR WIDER DITCHES AS NOTED. ALL TEMPORARY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
2. TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME = 0160130-sht-erosion@2.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 50'

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K./A.Y.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

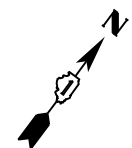
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN  
 U.S. 6

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 218+00 TO STA. 233+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	70
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VILLAGE OF CHANNAHON

AGRICULTURAL

AGRICULTURAL

AGRICULTURAL

RESIDENTIAL

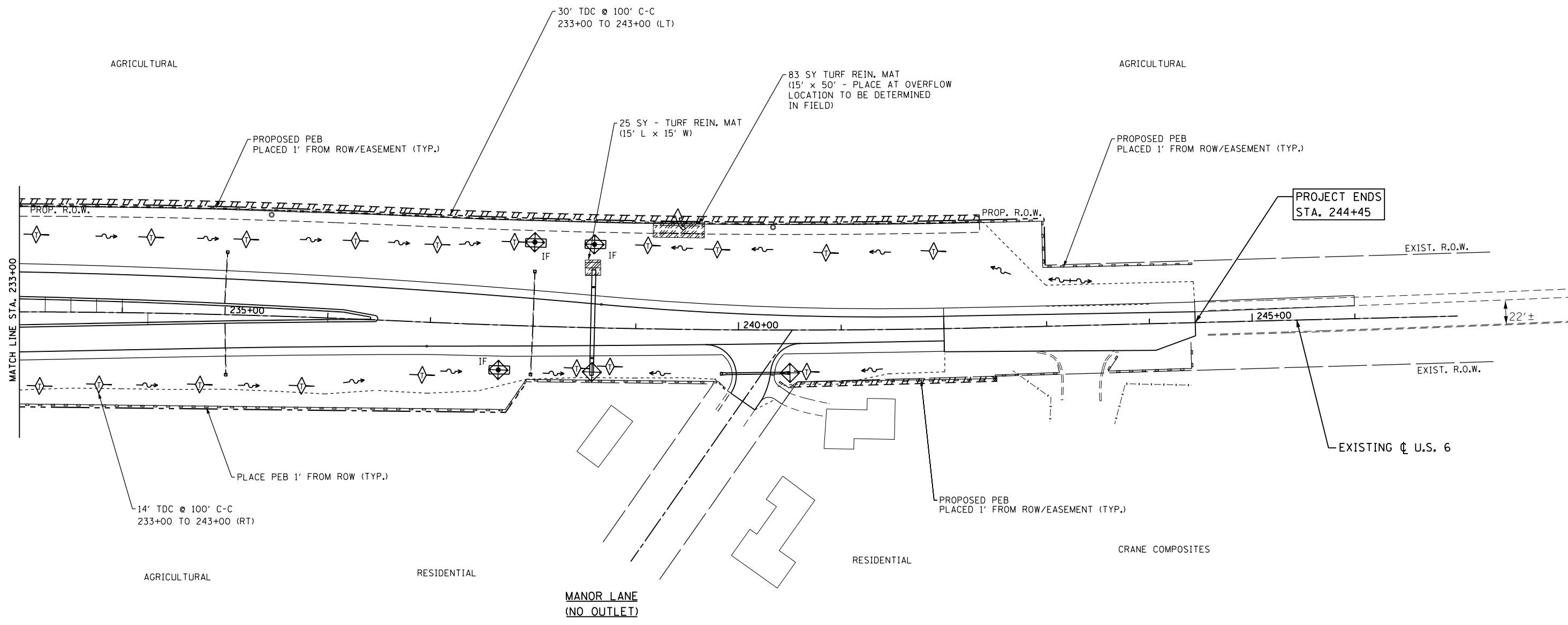
RESIDENTIAL

CRANE COMPOSITES

MANOR LANE  
(NO OUTLET)

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

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



NOTES:

1. A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR FOR WIDER DITCHES AS NOTED. ALL TEMPORAY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
2. TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME =D160130-sht-erosion03.dgn  
 PLOT DATE =1/16/2016  
 PLOT SCALE=100.0026' / in.

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED	- S.J.P.	REVISED	-
DRAWN	- B.K./A.Y.	REVISED	-
CHECKED	- M.P.	REVISED	-
DATE	- JANUARY 15, 2016	REVISED	-

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

**EROSION AND SEDIMENT CONTROL PLAN**  
**U.S. 6**

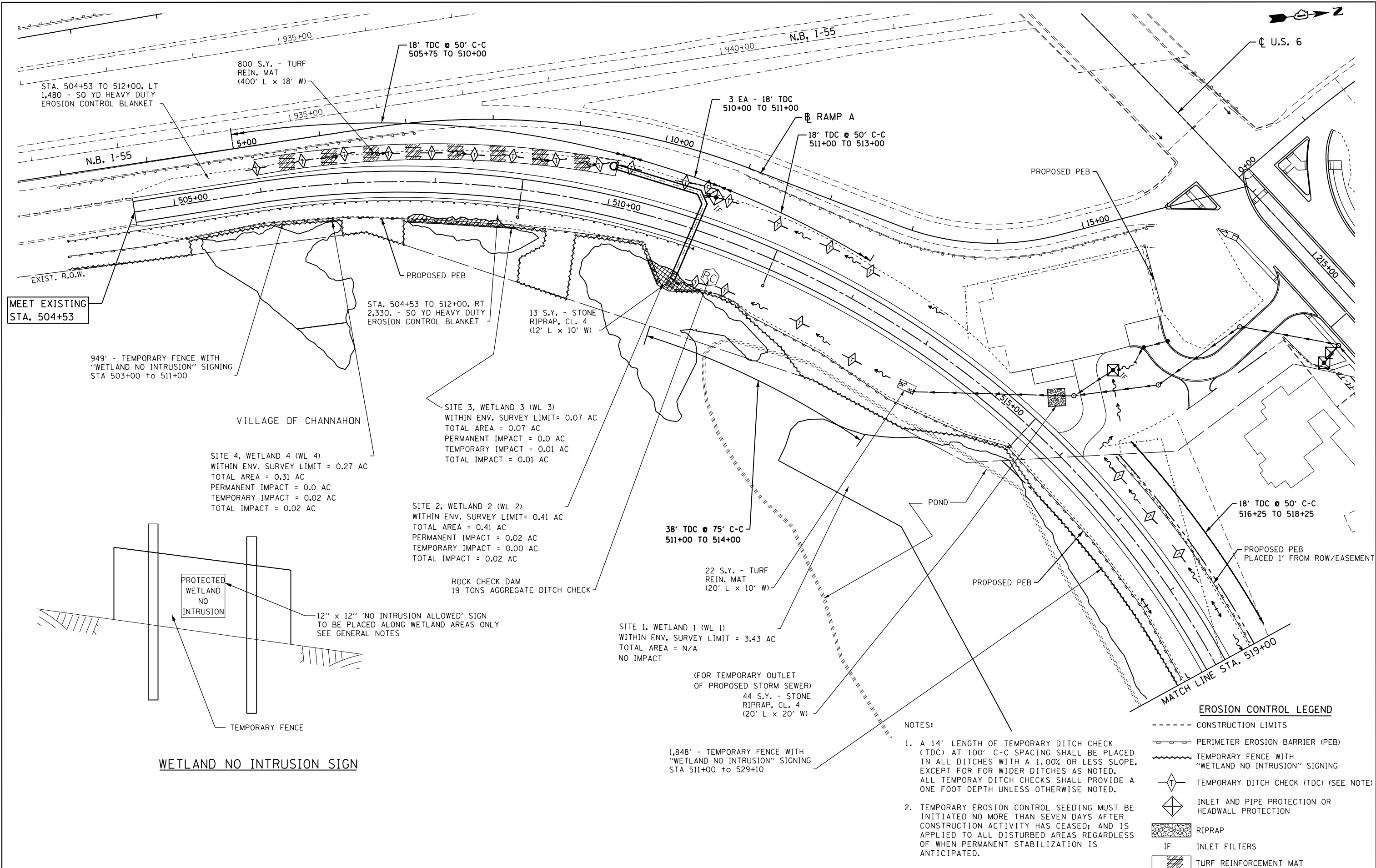
SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. 233+00 TO STA. 244+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	71
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



MEET EXISTING STA. 504+53

949' - TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING STA 503+00 TO 511+00

VILLAGE OF CHANNAHON

SITE 4, WETLAND 4 (WL 4)  
 WITHIN ENV. SURVEY LIMIT = 0.27 AC  
 TOTAL AREA = 0.31 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.02 AC  
 TOTAL IMPACT = 0.02 AC

SITE 3, WETLAND 3 (WL 3)  
 WITHIN ENV. SURVEY LIMIT = 0.07 AC  
 TOTAL AREA = 0.07 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.01 AC  
 TOTAL IMPACT = 0.01 AC

SITE 2, WETLAND 2 (WL 2)  
 WITHIN ENV. SURVEY LIMIT = 0.41 AC  
 TOTAL AREA = 0.41 AC  
 PERMANENT IMPACT = 0.02 AC  
 TEMPORARY IMPACT = 0.00 AC  
 TOTAL IMPACT = 0.02 AC

SITE 1, WETLAND 1 (WL 1)  
 WITHIN ENV. SURVEY LIMIT = 3.43 AC  
 TOTAL AREA = N/A  
 NO IMPACT

PROTECTED WETLAND NO INTRUSION

12" x 12" 'NO INTRUSION ALLOWED' SIGN TO BE PLACED ALONG WETLAND AREAS ONLY SEE GENERAL NOTES

WETLAND NO INTRUSION SIGN

TEMPORARY FENCE

ROCK CHECK DAM  
 19 TONS AGGREGATE DITCH CHECK

38' TDC @ 75' C-C  
 511+00 TO 514+00

(FOR TEMPORARY OUTLET OF PROPOSED STORM SEWER)  
 44 S.Y. - STONE RIPRAP, CL. 4  
 (20' L x 20' W)

1,848' - TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING STA 511+00 TO 529+10

NOTES:

1. A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR WIDER DITCHES AS NOTED. ALL TEMPORARY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
2. TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

**EROSION CONTROL LEGEND**

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- ~ TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME = D160130-sht-erosion04.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 33.33' / 1"

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K./A.Y.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

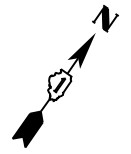
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
 S.E. FRONTAGE ROAD & RAMP A**

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 504+53 TO STA. 519+00

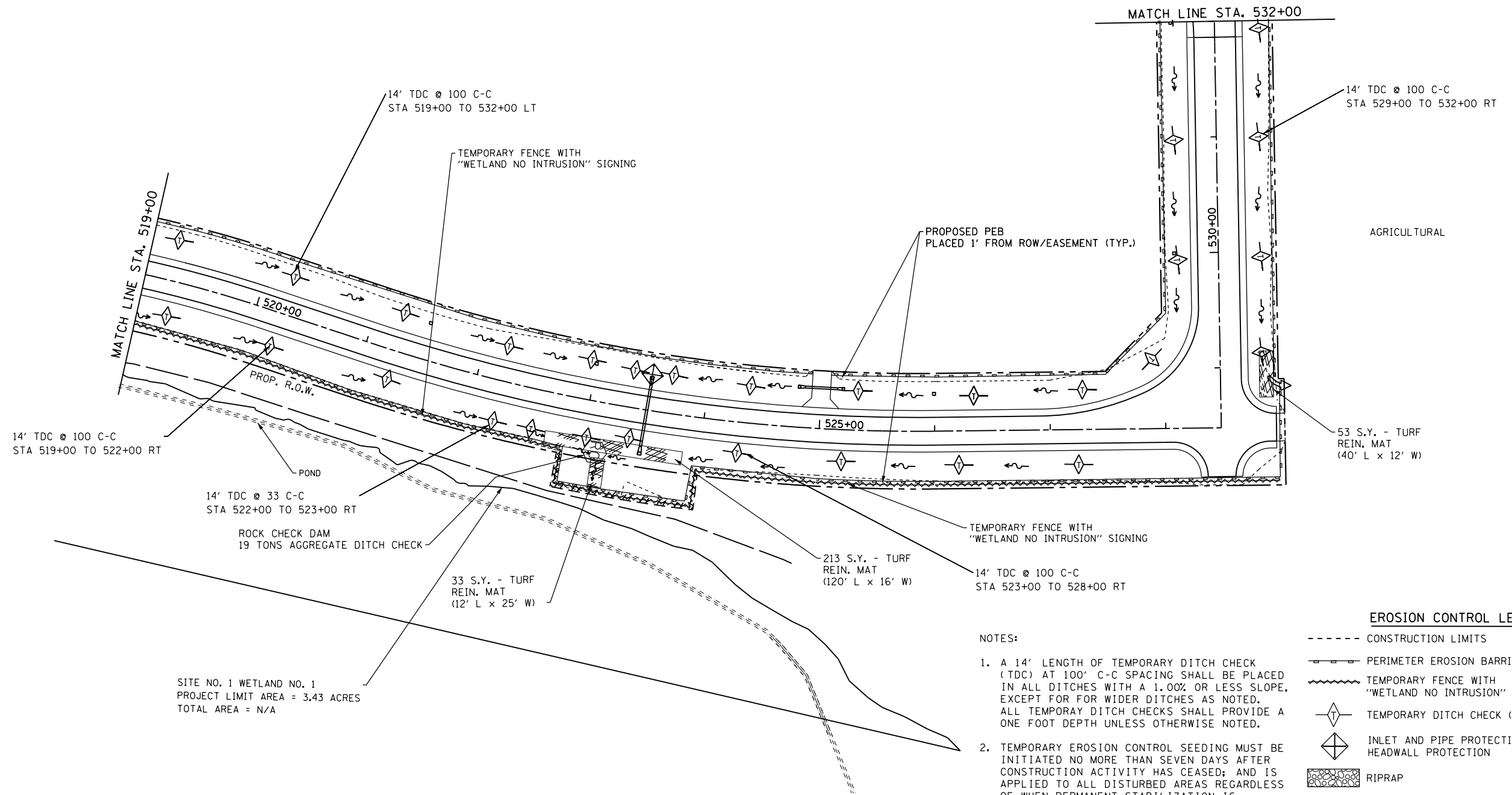
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	72
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VILLAGE OF CHANNAHON

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		NO.			

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		NO.			



SITE NO. 1 WETLAND NO. 1  
PROJECT LIMIT AREA = 3.43 ACRES  
TOTAL AREA = N/A

NOTES:

- A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR WIDER DITCHES AS NOTED. ALL TEMPORARY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
- TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME = 0160130-sht-erosion05.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0000' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K./A.Y.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

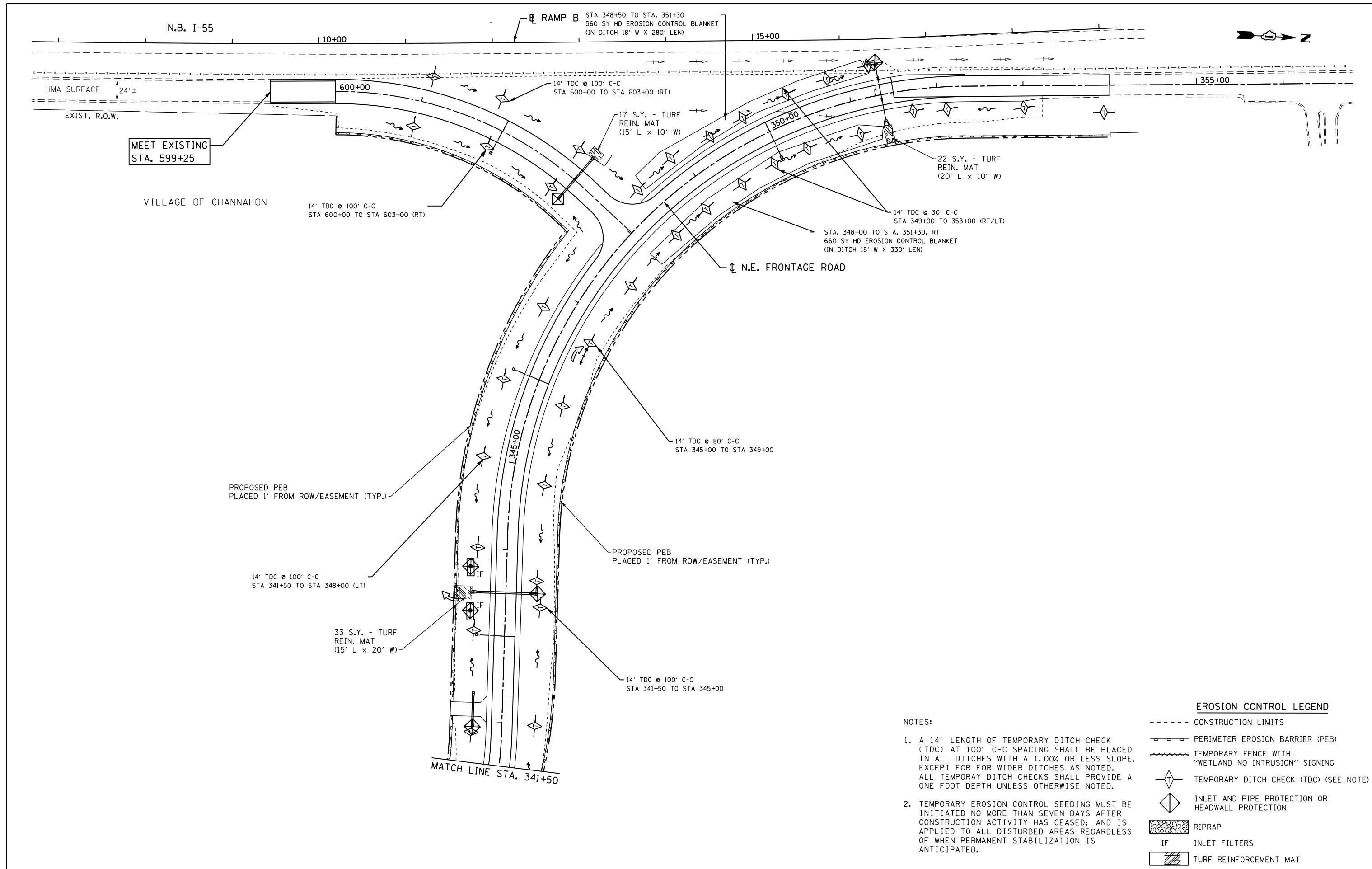
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN**  
**S.E. FRONTAGE ROAD**  
 SCALE: 1" = 50'  
 SHEET NO. 5 OF 6 SHEETS  
 STA. 519+00 TO STA. 532+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	73
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



NOTES:

1. A 14' LENGTH OF TEMPORARY DITCH CHECK (TDC) AT 100' C-C SPACING SHALL BE PLACED IN ALL DITCHES WITH A 1.00% OR LESS SLOPE, EXCEPT FOR FOR WIDER DITCHES AS NOTED. ALL TEMPORARY DITCH CHECKS SHALL PROVIDE A ONE FOOT DEPTH UNLESS OTHERWISE NOTED.
2. TEMPORARY EROSION CONTROL SEEDING MUST BE INITIATED NO MORE THAN SEVEN DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED; AND IS APPLIED TO ALL DISTURBED AREAS REGARDLESS OF WHEN PERMANENT STABILIZATION IS ANTICIPATED.

EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER (PEB)
- ~ TEMPORARY FENCE WITH "WETLAND NO INTRUSION" SIGNING
- ◇ TEMPORARY DITCH CHECK (TDC) (SEE NOTE)
- ◇ INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
- ▨ RIPRAP
- IF INLET FILTERS
- ▨ TURF REINFORCEMENT MAT

FILE NAME =D160130-sht-erosion06.dgn  
 PLOT DATE =1/16/2016  
 PLOT SCALE=100.0000' / in.

**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K./A.Y.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

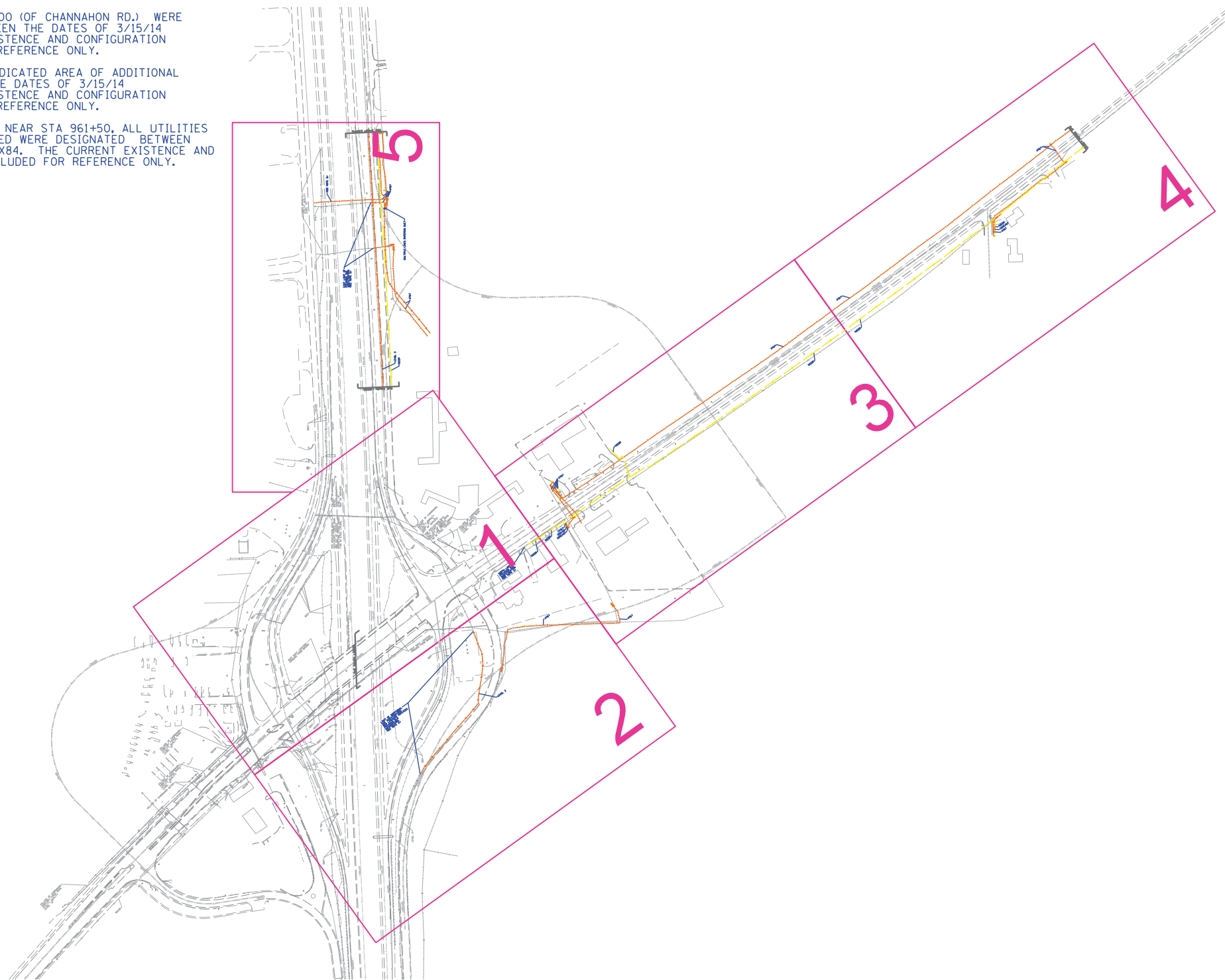
**EROSION AND SEDIMENT CONTROL PLAN  
 N.E. FRONTAGE ROAD**

SCALE: 1" = 50'    SHEET NO. 6 OF 6 SHEETS    STA. 541+50 TO STA. 554+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	74
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:  
 1. UTILITIES DEPICTED ON SUE PLAN PAGE 1 SOUTH OF STA 218+00 (OF CHANNAHON RD.) WERE PREVIOUSLY DESIGNATED AND LOCATED IN VARIOUS PLACES BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT\* D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THESE LINES HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.  
 2. UTILITIES DEPICTED ON SUE PLAN PAGE 2 OUTSIDE OF THE INDICATED AREA OF ADDITIONAL SUE INVESTIGATION WERE PREVIOUSLY DESIGNATED BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT\* D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THESE LINES HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.  
 3. WITH THE EXCEPTION OF THE AT&T TELEPHONE LINE CROSSING NEAR STA 961+50, ALL UTILITIES DEPICTED ON SUE PAGE 5 WEST OF THE PREVIOUS LIMIT INDICATED WERE DESIGNATED BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT\* D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THIS LINE HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.



- A — A — A — AERIAL
- O — O — O — UNKNOWN
- CT — CT — CT — CABLE TV
- T — T — T — TELEPHONE
- G — G — G — GAS
- E — E — E — ELECTRIC
- W — W — W — WATER
- FM — FM — FM — FORCE MAIN
- FO — FO — FO — FIBER OPTIC
- ⊕ TBE TEST HOLE
- EOI END OF INFORMATION

UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - CATV	
LEVEL 3- FIBER OPTIC	
NICOR - GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 12/8/14 through 1/7/15. Changes to utilities after 1/7/15 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510643  
 SUE Plan Page: Cover

Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

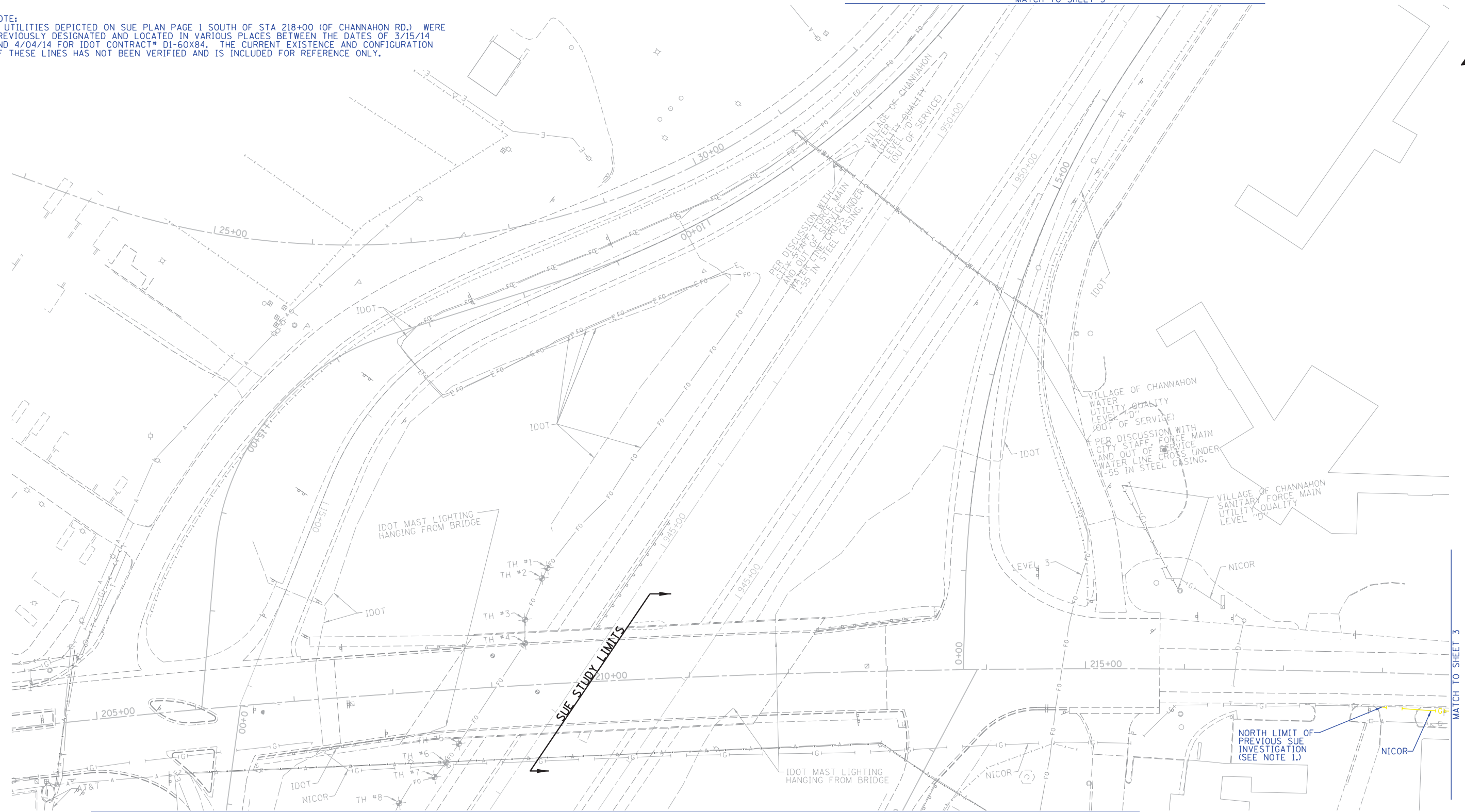
DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-55 at US 6 (East of I-55)  
 Channahon/Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) AC-R-3	Will	225	75
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60130	

NOTE:  
 1. UTILITIES DEPICTED ON SUE PLAN PAGE 1 SOUTH OF STA 218+00 (OF CHANNAHON RD.) WERE PREVIOUSLY DESIGNATED AND LOCATED IN VARIOUS PLACES BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT# D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THESE LINES HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.



SUE STUDY LIMITS

NORTH LIMIT OF PREVIOUS SUE INVESTIGATION (SEE NOTE 1.)

	A	AERIAL
	U	UNKNOWN
	O	OIL
	CTV	CABLE TV
	T	TELEPHONE
	G	GAS
	E	ELECTRIC
	W	WATER
	FM	FORCE MAIN
	FO	FIBER OPTIC
	TH	TBE TEST HOLE
	EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- FIBER OPTIC
AT&T	- TELEPHONE
COM-ED	- ELECTRIC
COMCAST	- CATV
LEVEL 3-	FIBER OPTIC
NICOR	- GAS

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510643  
 SUE Plan Page: 1 of 5

Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

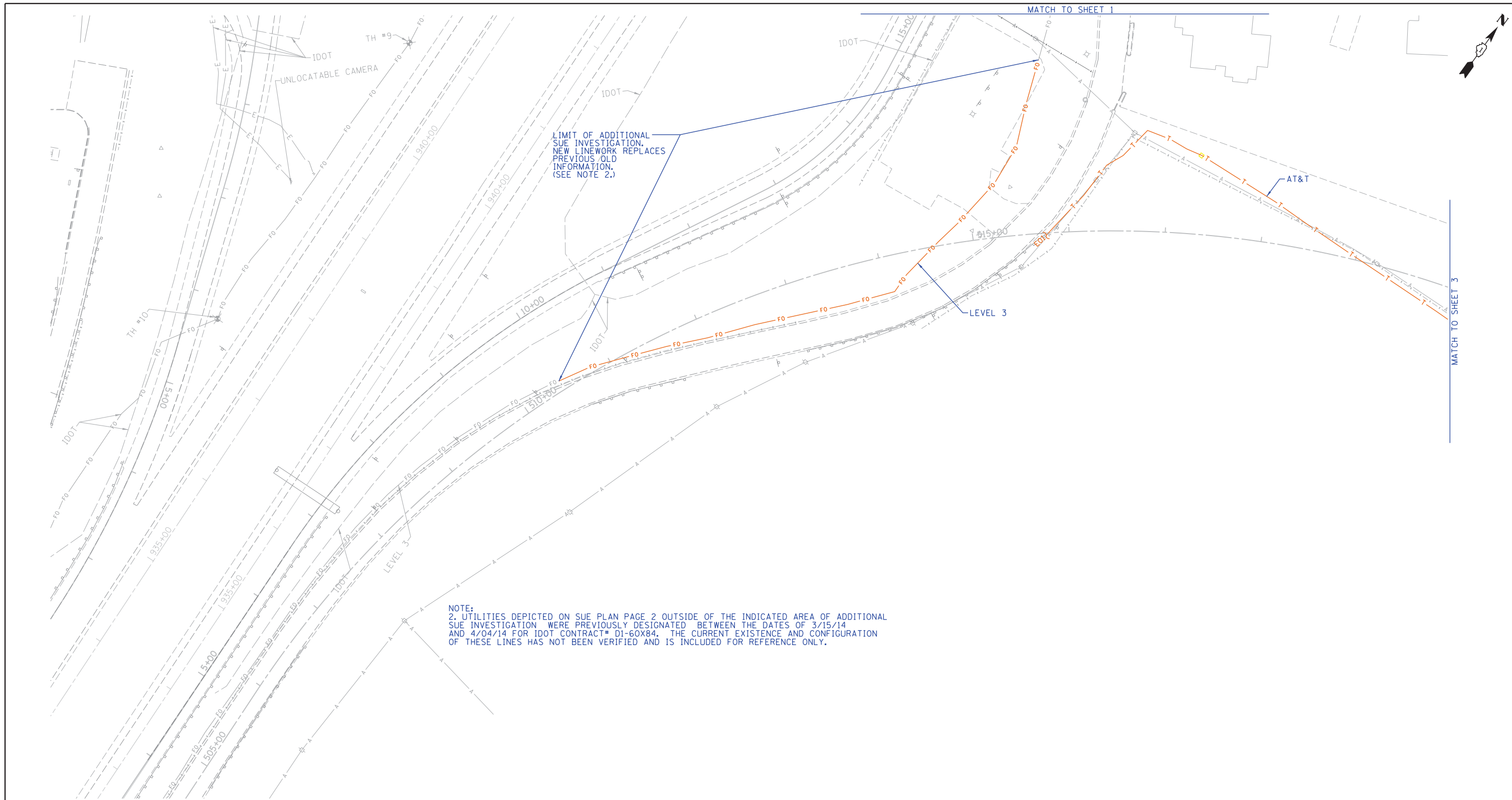
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DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

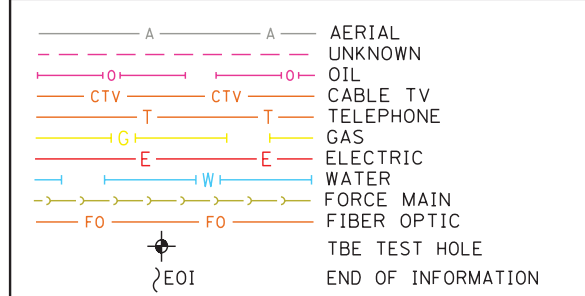
I-55 at US 6 (East of I-55)  
 Channahon/Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (I&2) AC-R-3	Will	225	76

Contract No. 60130  
 FED. ROAD DIST. NO. ILLINOIS IDOT Project No.



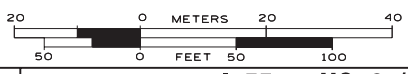
NOTE:  
 2. UTILITIES DEPICTED ON SUE PLAN PAGE 2 OUTSIDE OF THE INDICATED AREA OF ADDITIONAL SUE INVESTIGATION WERE PREVIOUSLY DESIGNATED BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT# D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THESE LINES HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - CATV	
LEVEL 3- FIBER OPTIC	
NICOR - GAS	

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510643  
 SUE Plan Page: 2 of 5

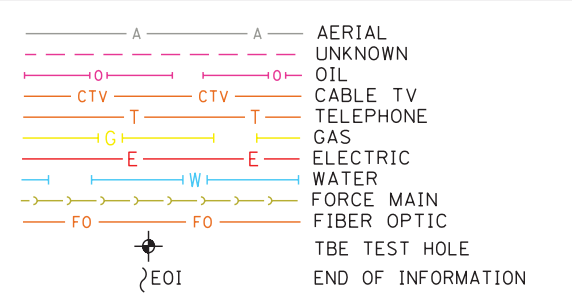
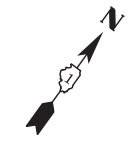
Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-55 at US 6 (East of I-55)  
 Channahon/Joliet, Illinois

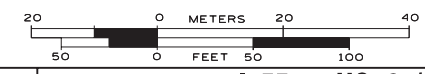
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (I&2) AC-R-3	Will	225	77
Contract No. 60130				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - CATV	
LEVEL 3- FIBER OPTIC	
NICOR - GAS	

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510643  
SUE Plan Page: 3 of 5

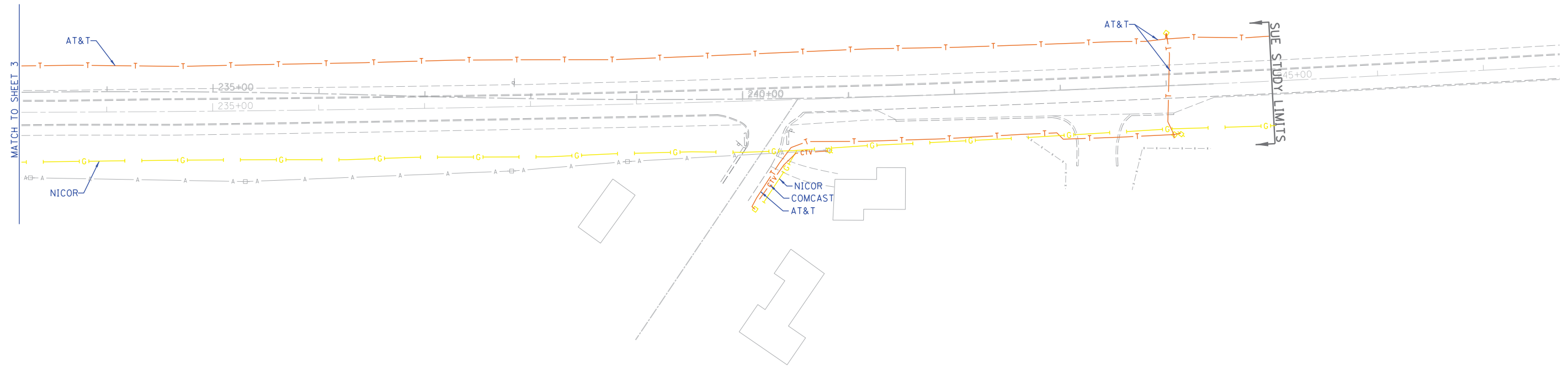
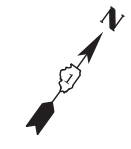
Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

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

**I-55 at US 6 (East of I-55)**  
**Channahon/Joliet, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) AC-R-3	Will	225	78
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60I30	

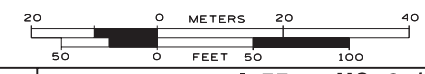


— A — A —	AERIAL
- - - - -	UNKNOWN
— O — O —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FM — FM —	FORCE MAIN
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- FIBER OPTIC
AT&T	- TELEPHONE
COM-ED	- ELECTRIC
COMCAST	- CATV
LEVEL 3-	FIBER OPTIC
NICOR	- GAS

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510643  
SUE Plan Page: 4 of 5

Utility Quality Level "A" : Visually Verified Test Hole  
Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
Utility Quality Level "C" : Research with Survey  
Utility Quality Level "D" : Records Research

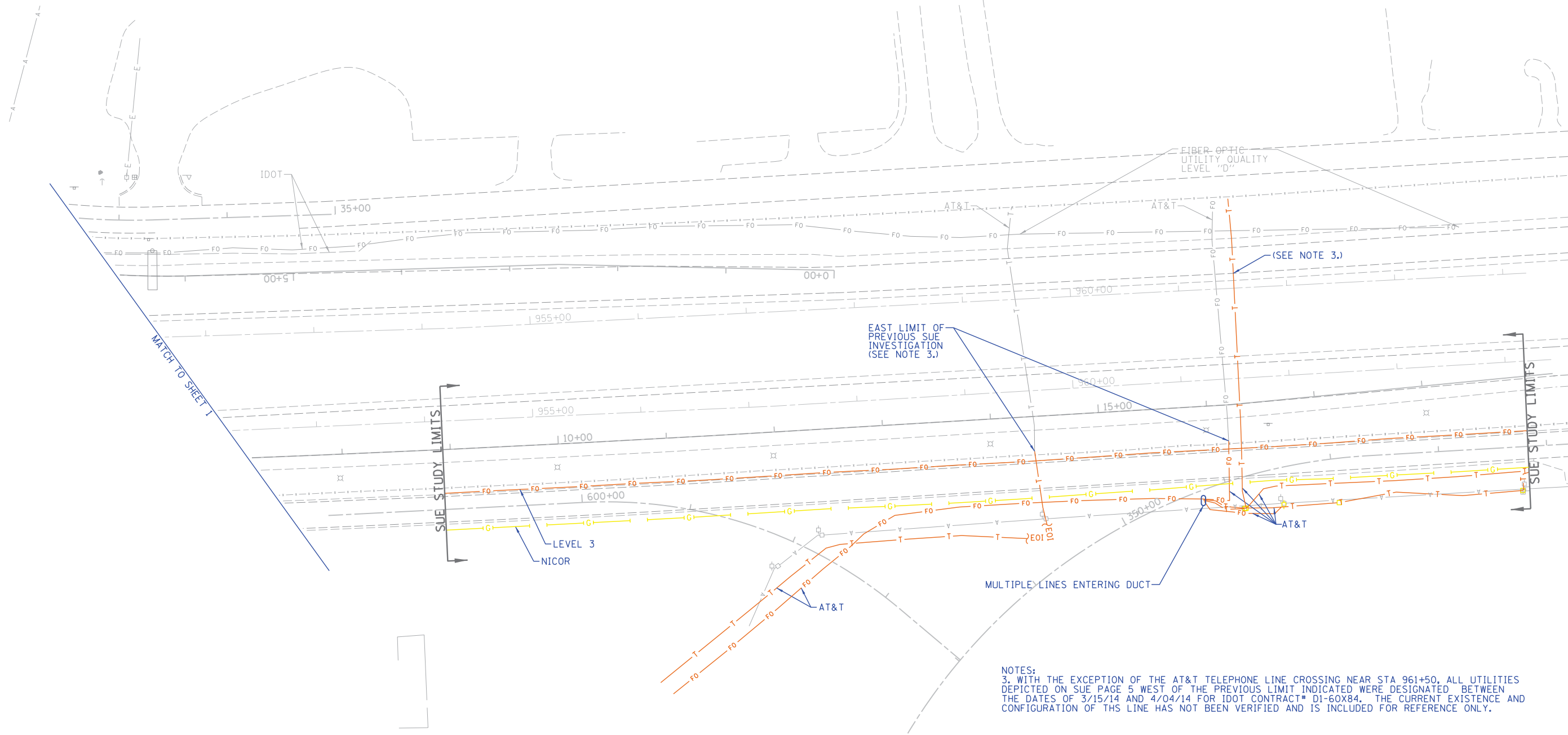
DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

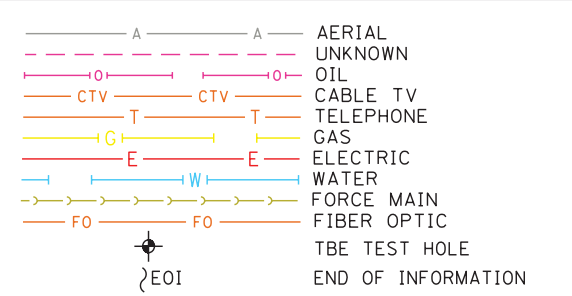
I-55 at US 6 (East of I-55)  
Channahon/Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) AC-R-3	Will	225	79
Contract No. 60130				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				





NOTES:  
 3. WITH THE EXCEPTION OF THE AT&T TELEPHONE LINE CROSSING NEAR STA 961+50, ALL UTILITIES DEPICTED ON SUE PAGE 5 WEST OF THE PREVIOUS LIMIT INDICATED WERE DESIGNATED BETWEEN THE DATES OF 3/15/14 AND 4/04/14 FOR IDOT CONTRACT# D1-60X84. THE CURRENT EXISTENCE AND CONFIGURATION OF THIS LINE HAS NOT BEEN VERIFIED AND IS INCLUDED FOR REFERENCE ONLY.



UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - CATV	
LEVEL 3- FIBER OPTIC	
NICOR - GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 12/8/14 through 1/7/15. Changes to utilities after 1/7/15 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

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TBE Job No. IL09510643  
 SUE Plan Page: 5 of 5

Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	1/17/14	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-55 at US 6 (East of I-55)  
 Channahon/Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (I&2) AC-R-3	Will	225	80

Contract No. 60130

FED. ROAD DIST. NO. ILLINOIS IDOT Project No.

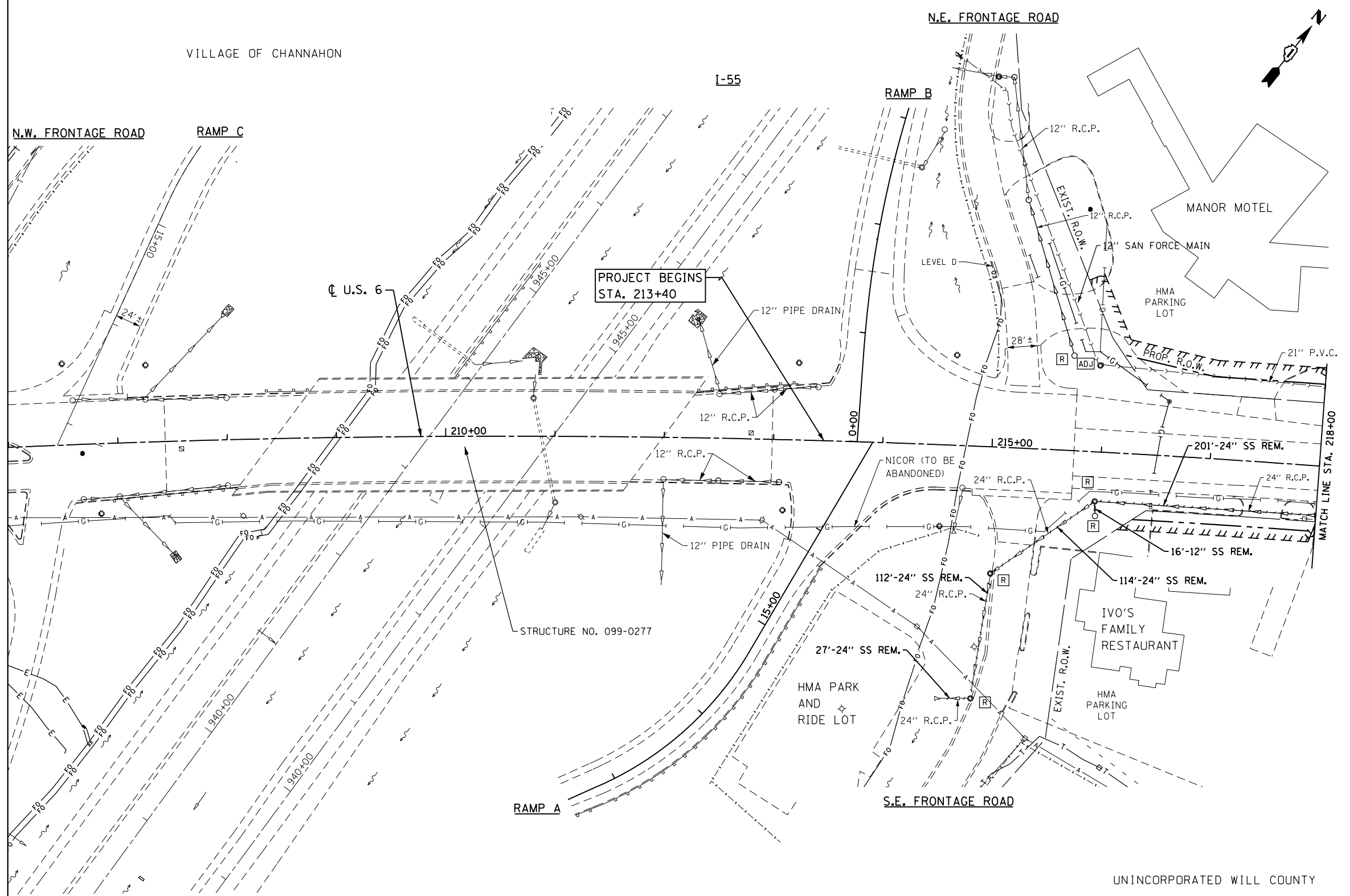
**LEGEND**

**EXISTING DRAINAGE & UTILITIES**

- GV ○ GAS VALVE
- WV ○ WATER VALVE
- BB ○ BUFFALO BOX
- VV ○ VALVE VAULT
- TEL ○ TELEPHONE VAULT
- ELEC ○ ELECTRIC VAULT
- POWER POLE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- SPLICE BOX
- TELEPHONE POLE
- ADJ STRUCTURE TO BE ADJUSTED
- F FILLING EXISTING STRUCTURE
- C STRUCTURE TO BE CLEANED
- R REMOVE EXISTING STRUCTURE
- RM REMOVE STRUCTURE AND MAINTAIN FLOW
- REC STRUCTURE TO BE RECONSTRUCTED
- E ELECTRIC
- G GAS MAIN
- T TELEPHONE
- SS STORM SEWER
- SS SANITARY SEWER
- W WATER MAIN
- FO FIBER OPTICS
- A AERIAL CABLE
- CTV CABLE TELEVISION

**EXISTING PROPOSED**

- INLET
- MANHOLE
- CATCH BASIN
- △ CULVERT END SECTION
- ↔ SUMMIT
- ↔ ROADWAY DITCH FLOW
- ↔ SWALE
- ▽ WATER SURFACE INDICATOR
- RIPRAP
- WMO SS STORM SEWER (WATERMAIN REQUIREMENTS)
- PIPE UNDERDRAIN
- PIPE UNDERDRAIN HEADWALL



UNINCORPORATED WILL COUNTY

FILE NAME = D160130-sht-existd&u01.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

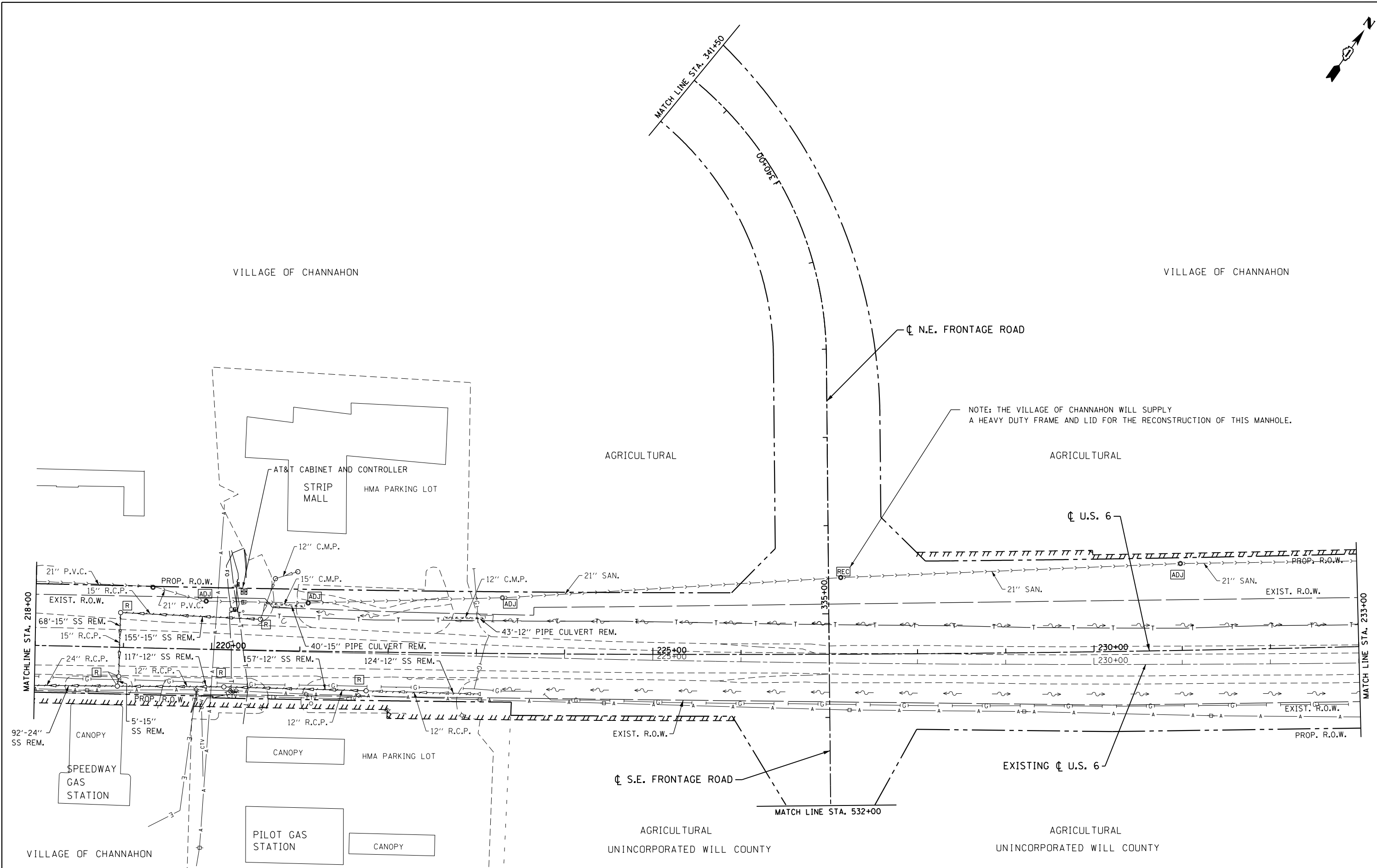
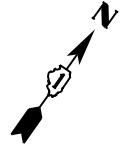
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE & UTILITY PLAN**  
**U.S. 6**

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	81
				<b>CONTRACT NO. 60130</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VILLAGE OF CHANNAHON

VILLAGE OF CHANNAHON

AGRICULTURAL

AGRICULTURAL

AGRICULTURAL  
UNINCORPORATED WILL COUNTY

AGRICULTURAL  
UNINCORPORATED WILL COUNTY

NOTE: THE VILLAGE OF CHANNAHON WILL SUPPLY  
A HEAVY DUTY FRAME AND LID FOR THE RECONSTRUCTION OF THIS MANHOLE.

FILE NAME = D160130-shr-existd&u02.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 1/8" = 50' / 1" = 100'

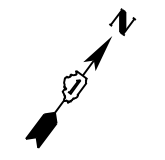
**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

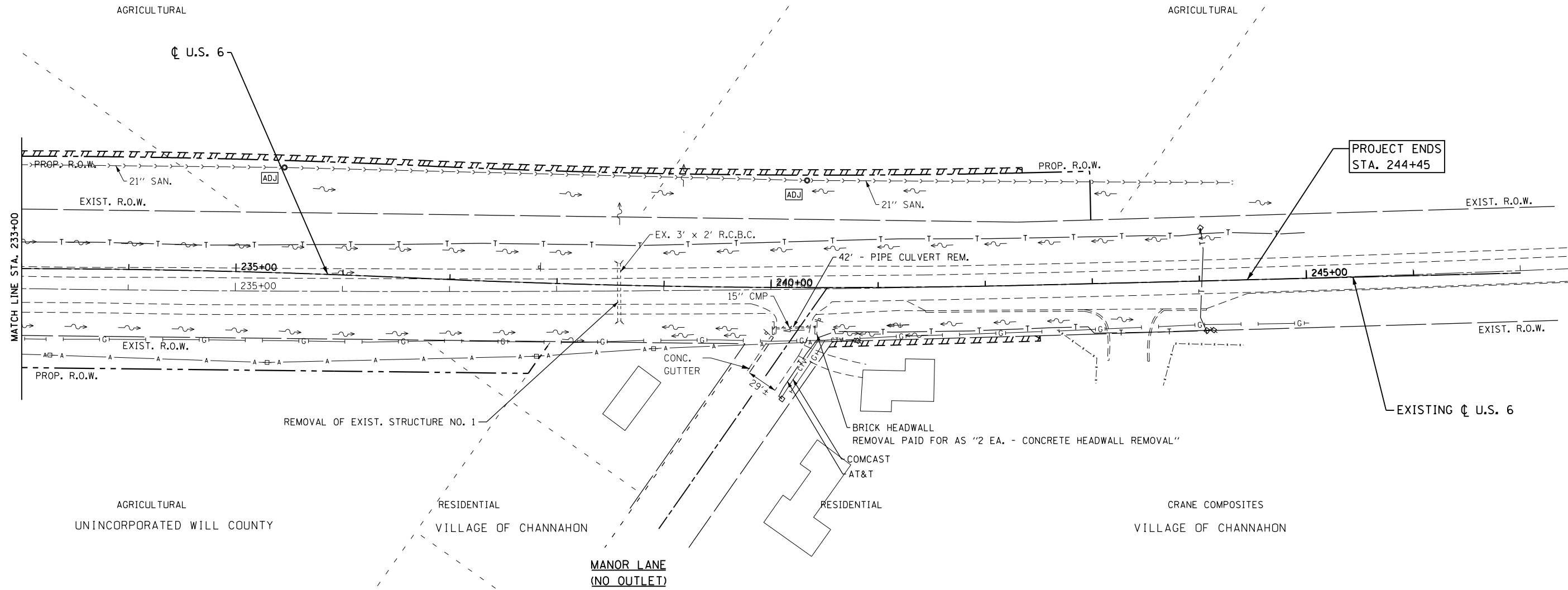
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE & UTILITY PLAN**  
**U.S. 6**  
SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	82
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VILLAGE OF CHANNAHON



REMOVAL OF EXIST. STRUCTURE NO. 1 CONSISTS OF:  
 55' - 3' x 2' REINFORCED CONCRETE BOX CULVERT TO BE REMOVED  
 2 CONCRETE HEADWALLS

FILE NAME = 0160130-sht-existd&u03.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1"

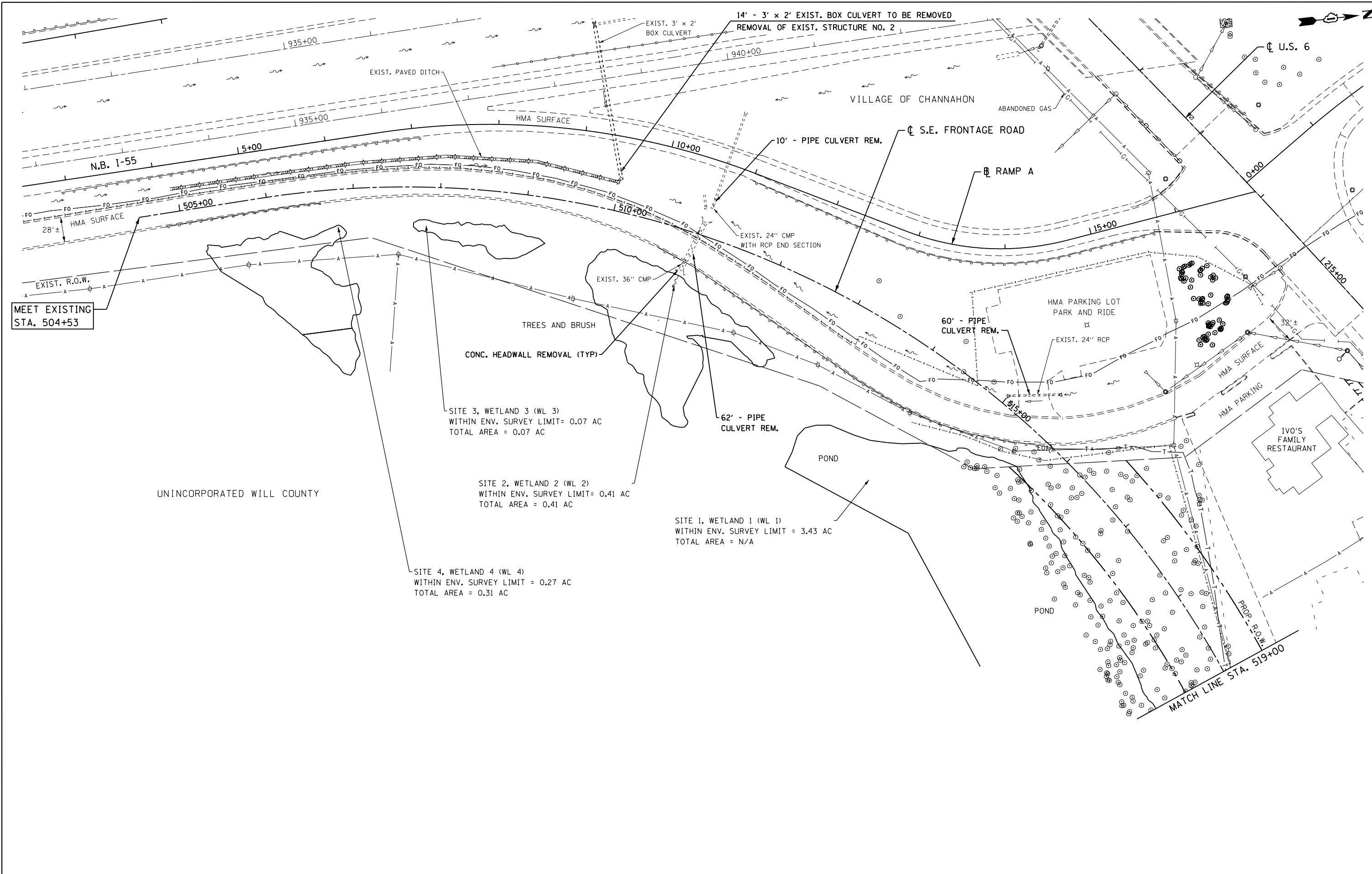
**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

**EXISTING DRAINAGE & UTILITY PLAN**  
**U.S. 6**  
 SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	83
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = 0160130-sht-existd&u04.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / in.

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
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 CHICAGO, ILLINOIS 60601  
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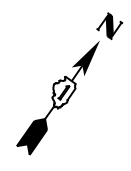
DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

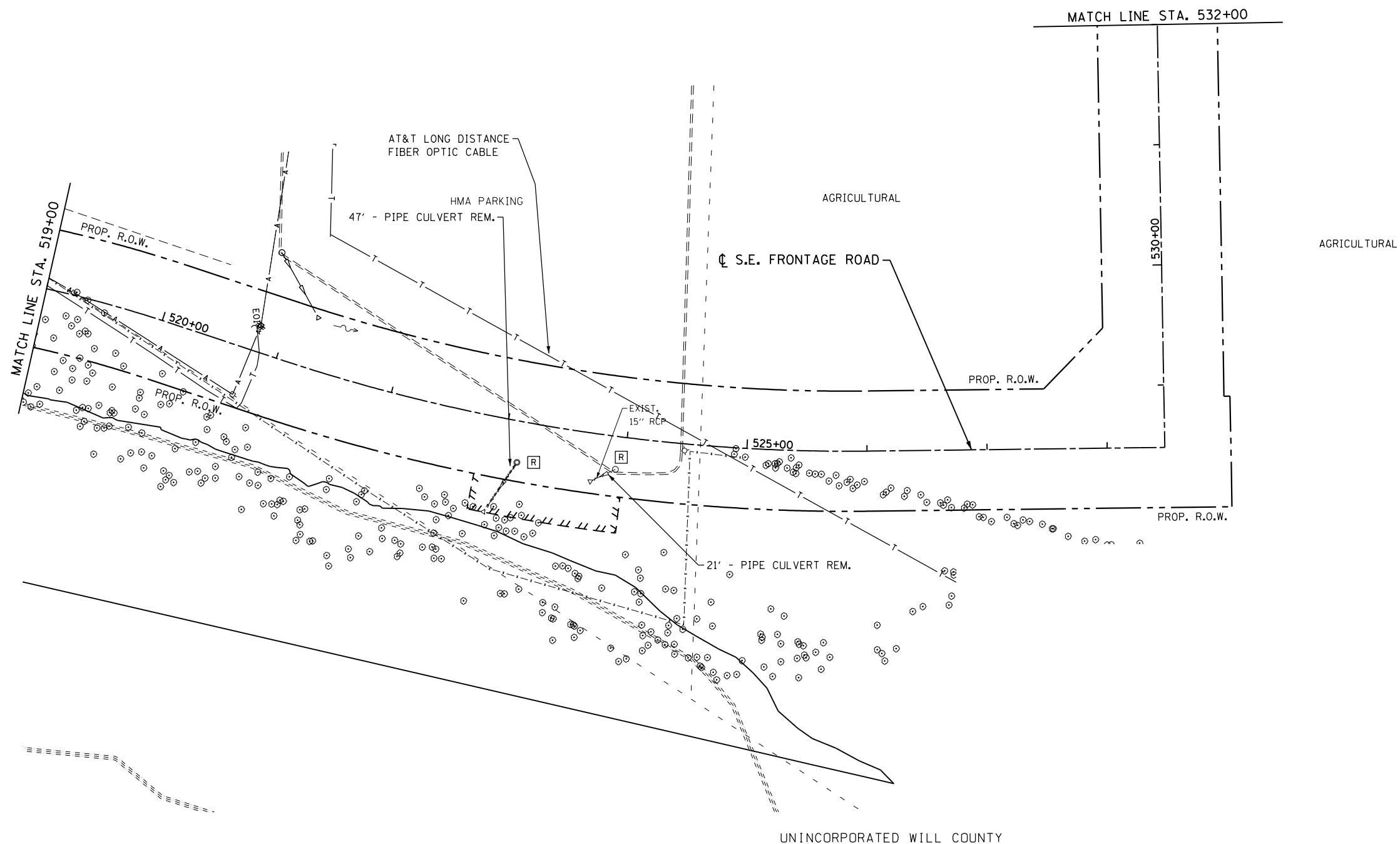
**EXISTING DRAINAGE & UTILITY PLAN**  
**S.E. FRONTAGE ROAD**  
 SCALE: 1" = 50'  
 SHEET NO. 4 OF 6 SHEETS  
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	84
CONTRACT NO. 60130			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT	



VILLAGE OF CHANNAHON

UNINCORPORATED WILL COUNTY



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

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

FILE NAME = 0160130-sht-exstd&u05.dgn  
 PLOT DATE = 3/29/2016  
 PLOT SCALE = 100.0000' / 1"

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

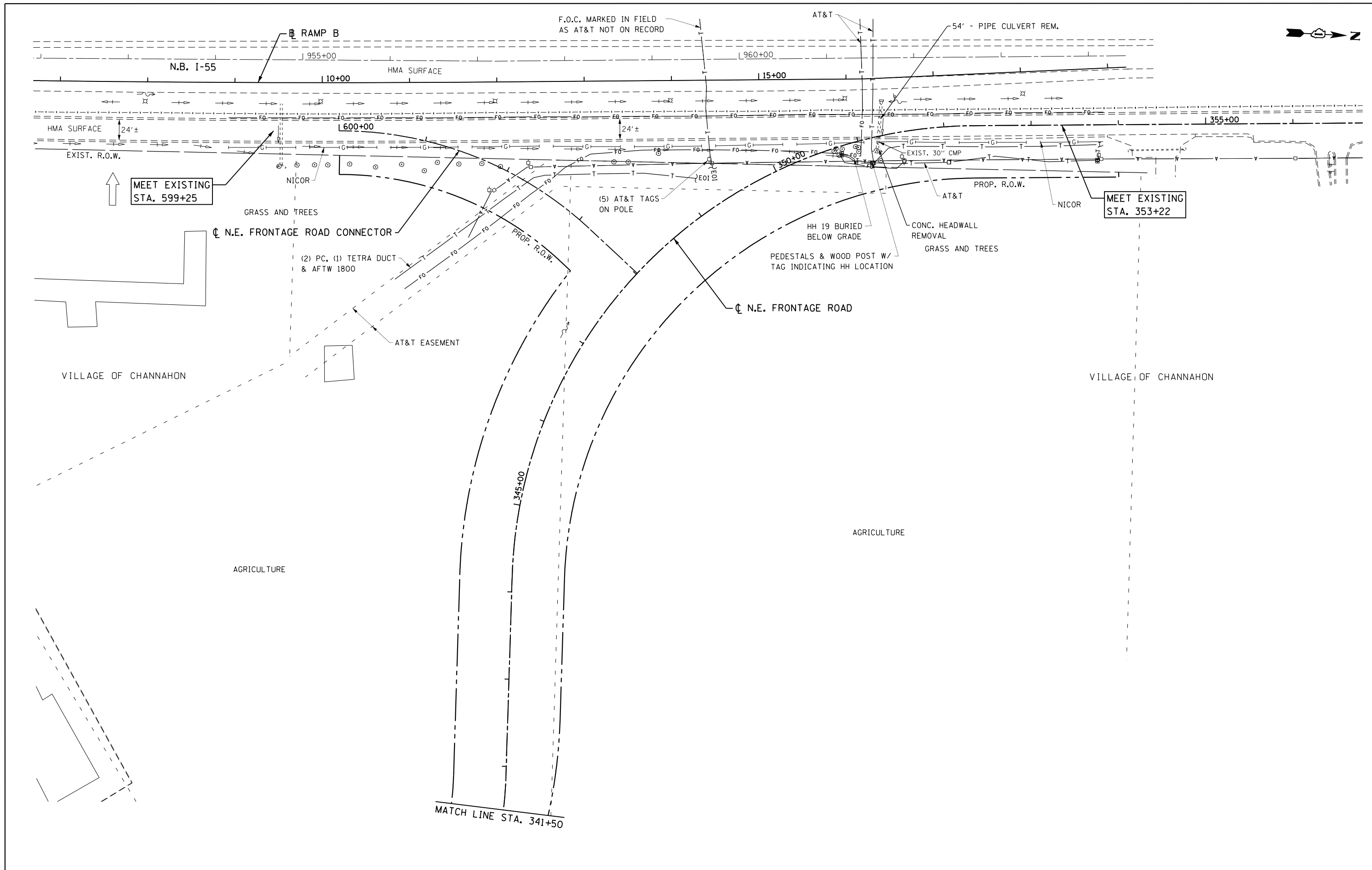
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - MARCH 29, 2016	REVISED -

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

**EXISTING DRAINAGE & UTILITY PLAN**  
**S.E. FRONTAGE ROAD**

SCALE: 1" = 50'    SHEET NO. 5 OF 6 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	85
				CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = D:\160130-sht-existd&u06.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**EXISTING DRAINAGE & UTILITY PLAN**  
**N.E. FRONTAGE ROAD**  
 SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	86
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VILLAGE OF CHANNAHON  
SW 1/4 SECTION 04-34-09

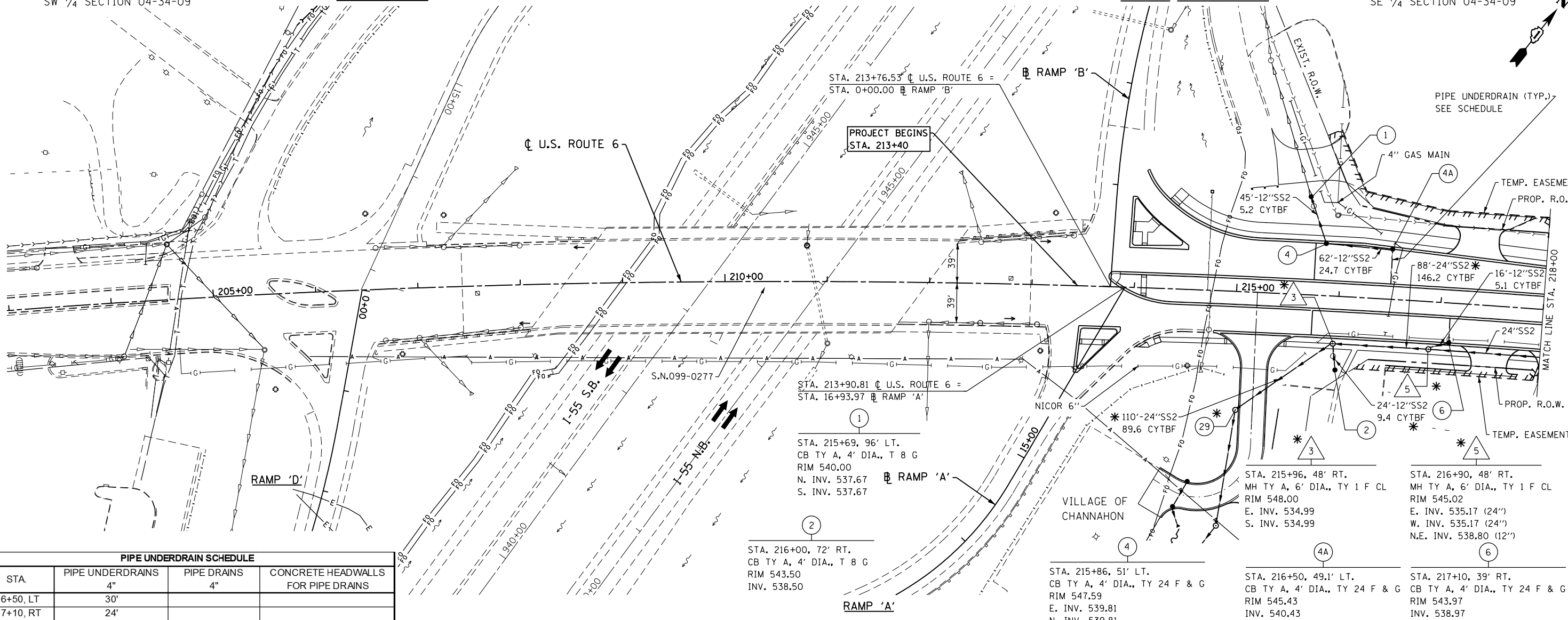
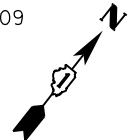
N.W.  
FRONTAGE ROAD

RAMP 'C'

I-55

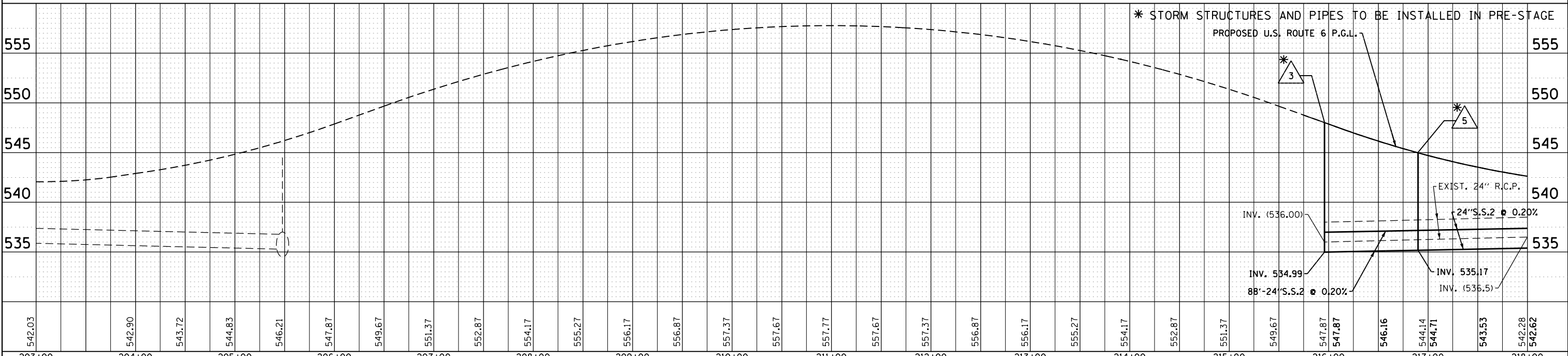
N.E.  
FRONTAGE ROAD

VILLAGE OF CHANNAHON  
SE 1/4 SECTION 04-34-09



PIPE UNDERDRAIN SCHEDULE			
STA	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
216+50, LT	4" 30'	4"	
217+10, RT	4" 24'		

- 1 STA. 213+90.81 C U.S. ROUTE 6 = STA. 16+93.97 RAMP 'A'  
STA. 215+69, 96' LT.  
CB TY A, 4' DIA., T 8 G  
RIM 540.00  
N. INV. 537.67  
S. INV. 537.67
- 2 STA. 216+00, 72' RT.  
CB TY A, 4' DIA., T 8 G  
RIM 543.50  
INV. 538.50
- 3 STA. 215+86, 51' LT.  
CB TY A, 4' DIA., TY 24 F & G  
RIM 547.59  
E. INV. 539.81  
N. INV. 539.81
- 4 STA. 215+96, 48' RT.  
MH TY A, 6' DIA., TY 1 F CL  
RIM 548.00  
E. INV. 534.99  
S. INV. 534.99
- 4A STA. 216+50, 49.1' LT.  
CB TY A, 4' DIA., TY 24 F & G  
RIM 545.43  
INV. 540.43
- 5 STA. 216+90, 48' RT.  
MH TY A, 6' DIA., TY 1 F CL  
RIM 545.02  
E. INV. 535.17 (24")  
W. INV. 535.17 (24")  
N.E. INV. 538.80 (12")
- 6 STA. 217+10, 39' RT.  
CB TY A, 4' DIA., TY 24 F & G  
RIM 543.97  
INV. 538.97



542.03	542.90	543.72	544.83	546.21	547.87	549.67	551.37	552.87	554.17	555.27	556.17	556.87	557.37	557.67	557.77	557.67	557.37	556.87	556.17	555.27	554.17	552.87	551.37	549.67	547.87	547.87	546.16	544.14	544.71	543.53	542.28	542.62
203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00																	

FILE NAME = D160130-shr-prop.d&u01.dgn  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0329' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 15, 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN AND UTILITIES  
U.S. ROUTE 6**

SCALE: 1" = 50'  
SHEET NO. 1 OF 9 SHEETS  
STA. 213+40 TO STA. 218+00

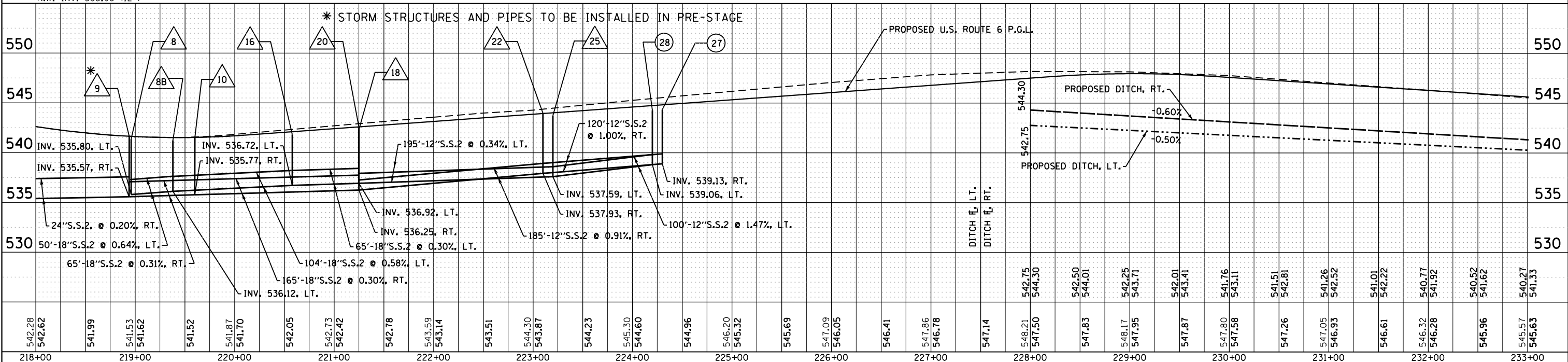
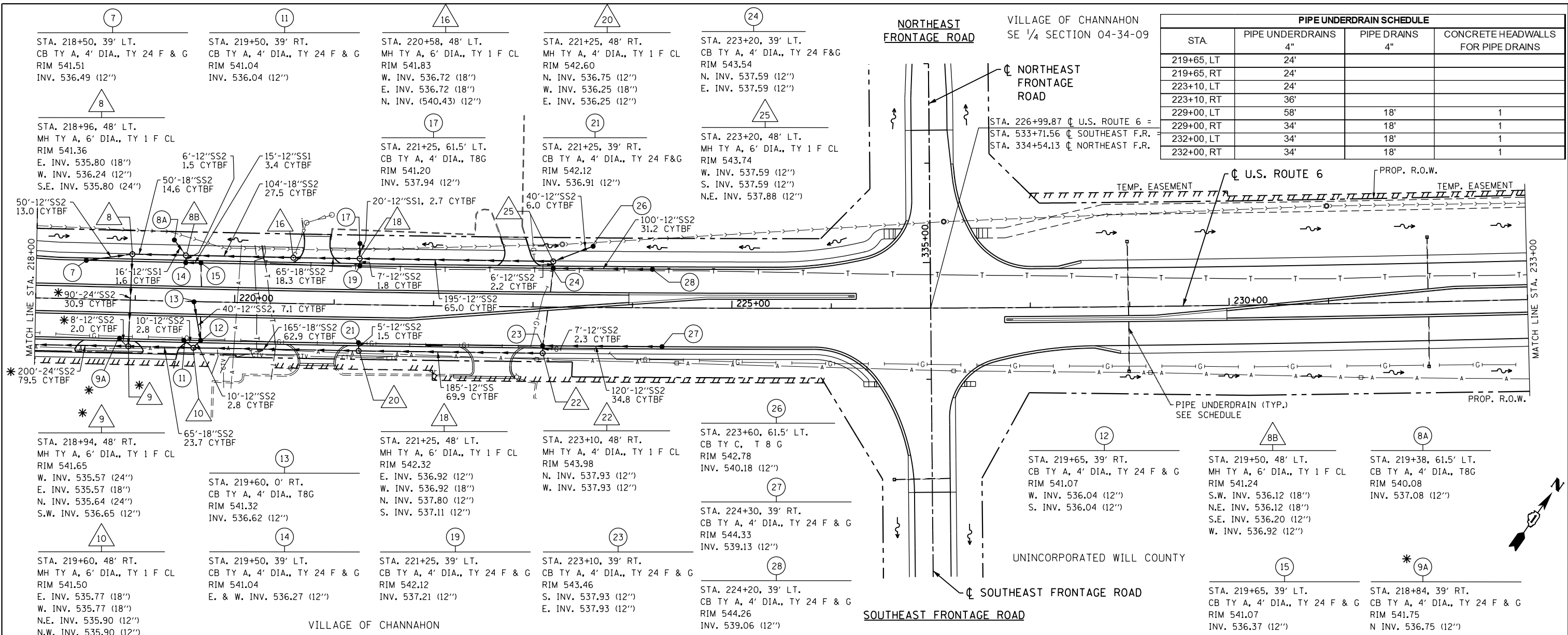
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	87

CONTRACT NO. 60130  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



VILLAGE OF CHANNAHON  
SE 1/4 SECTION 04-34-09

PIPE UNDERDRAIN SCHEDULE			
STA.	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
219+65, LT	24"		
219+65, RT	24"		
223+10, LT	24"		
223+10, RT	36"		
229+00, LT	58"	18"	1
229+00, RT	34"	18"	1
232+00, LT	34"	18"	1
232+00, RT	34"	18"	1



FILE NAME = D160130-shr-prop.dwg  
PLOT DATE = 1/16/2016  
PLOT SCALE = 100.0000' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

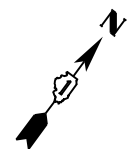
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN AND UTILITIES  
U.S. ROUTE 6**

SCALE: 1" = 50'  
SHEET NO. 2 OF 9 SHEETS  
STA. 218+00 TO STA. 233+00

F.A.I. RTE. 55	SECTION 99(1&2)AC-R-3	COUNTY WILL	TOTAL SHEETS 88
			CONTRACT NO. 60130
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



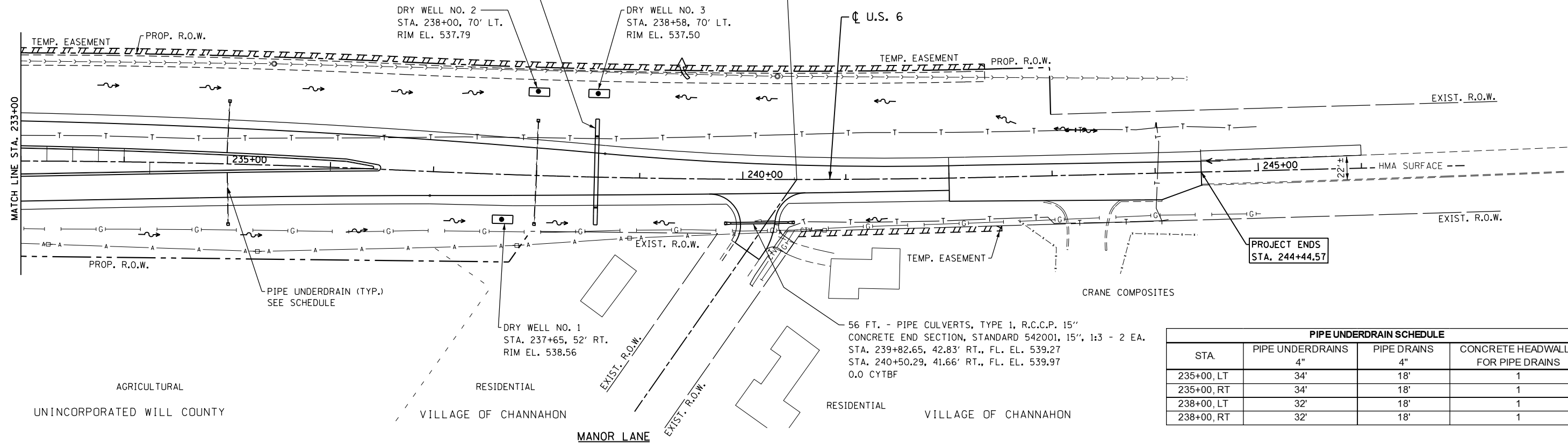
AGRICULTURAL

VILLAGE OF CHANNAHON

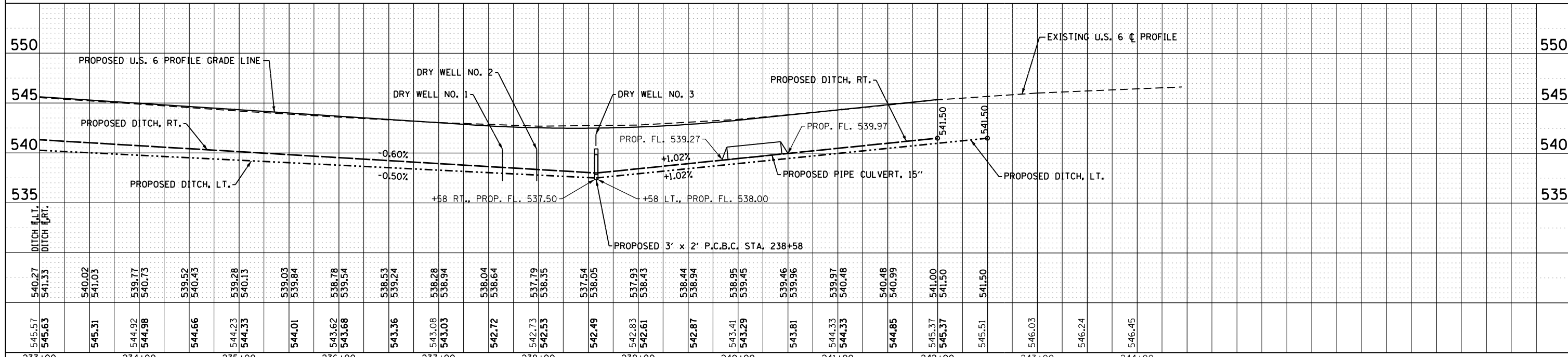
AGRICULTURAL

STA. 238+58  
70 FT. - PRECAST CONCRETE BOX CULVERT 3' x 2'  
BOX CULVERT END SECTIONS, CULVERT NO. 1 - 2 EA.  
WITH TRAVERSABLE PIPE GRATE FOR BOX CULVERTS  
STA. 238+58, 40' LT., INV. 537.50  
STA. 238+58, 30' RT., INV. 537.87

STA. 240+52.42  $\phi$  U.S. ROUTE 6 =  
STA. 0+00  $\phi$  MANOR LANE



PIPE UNDERDRAIN SCHEDULE			
STA.	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
235+00, LT	4"	4"	1
235+00, RT	34'	18'	1
238+00, LT	32'	18'	1
238+00, RT	32'	18'	1



FILE NAME = 0160138-shd-prop.d8u03.dgn PLOT DATE = 1/16/2016 PLOT SCALE = 100.0000' / 1"	<b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b> ENGINEERS-PLANNERS-SURVEYORS 221 NORTH LASALLE STREET, SUITE 300 CHICAGO, ILLINOIS 60601 PHONE: (312) 577-3300	DESIGNED - S.J.P. DRAWN - B.K. CHECKED - M.P. DATE - JANUARY 15, 2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE PLAN AND UTILITIES</b> <b>U.S. ROUTE 6</b>	SCALE: 1" = 50' SHEET NO. 3 OF 9 SHEETS STA. 233+00 TO STA. 244+45	F.A.I. RTE. 55 SECTION 99(1&2)AC-R-3 COUNTY WILL TOTAL SHEETS 225 SHEET NO. 89 CONTRACT NO. 60130 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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37  
 STA. 509+97, 45.1' LT.  
 MH TY A, 9' DIA. TY 1 F CL  
 WITH 2' SUMP  
 RIM ELEV. 535.96  
 W INV. 531.90 (3'x2')  
 N INV. 528.52 (5'x4')  
 SEE DETAIL ON  
 CROSS SECTIONS STA. 510+00

38  
 STA. 511+06.4, 42.3' LT.  
 MH TY A, 4' DIA. TY 1 F CL  
 RIM ELEV. 534.78  
 NW INV. 527.88 (24" CMP)  
 S INV. 527.88 (24" RCP)

38A  
 STA. 511+14, 42.3' LT.  
 CB TY A, 4' DIA. WITH  
 MEDIAN INLET (60410)  
 GRATE ELEV. 534.78  
 INV. 529.38 (18")

A  
 WORK POINT A  
 STA. 509+99.5, 44.9' LT.  
 UPSTREAM END P.C.B.C. 5' x 4'  
 INV. 528.52

B  
 WORK POINT B  
 STA. 510+95.3, 42.2' LT.  
 50° BEND P.C.B.C. 5' x 4'  
 INV. 527.92

PROPOSED PEB (TYP.)  
 (SEE EROSION AND SEDIMENT CONTROL PLANS)

TEMPORARY FENCE WITH  
 "WETLAND NO INTRUSION" SIGNING (TYP.)  
 (SEE EROSION AND SEDIMENT CONTROL PLANS)

PIPE UNDERDRAIN SCHEDULE			
STA.	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
509+00	30'	14'	1
512+00	30'	14'	1

MEET EXISTING  
 STA. 504+53.12

SITE 4, WETLAND 4 (WL 4)  
 WITHIN ENV. SURVEY LIMIT = 0.27 AC  
 TOTAL AREA = 0.31 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.02 AC  
 TOTAL IMPACT = 0.02 AC

C  
 WORK POINT C  
 STA. 511+04.7, 31.3' LT.  
 50° BEND P.C.B.C. 5' x 4'  
 INV. 527.83

D  
 WORK POINT D  
 STA. 510+96.85, 64' RT.  
 DOWNSTREAM END SECTION  
 INV. 527.32

SITE 3, WETLAND 3 (WL 3)  
 WITHIN ENV. SURVEY LIMIT = 0.07 AC  
 TOTAL AREA = 0.07 AC  
 PERMANENT IMPACT = 0.0 AC  
 TEMPORARY IMPACT = 0.01 AC  
 TOTAL IMPACT = 0.01 AC

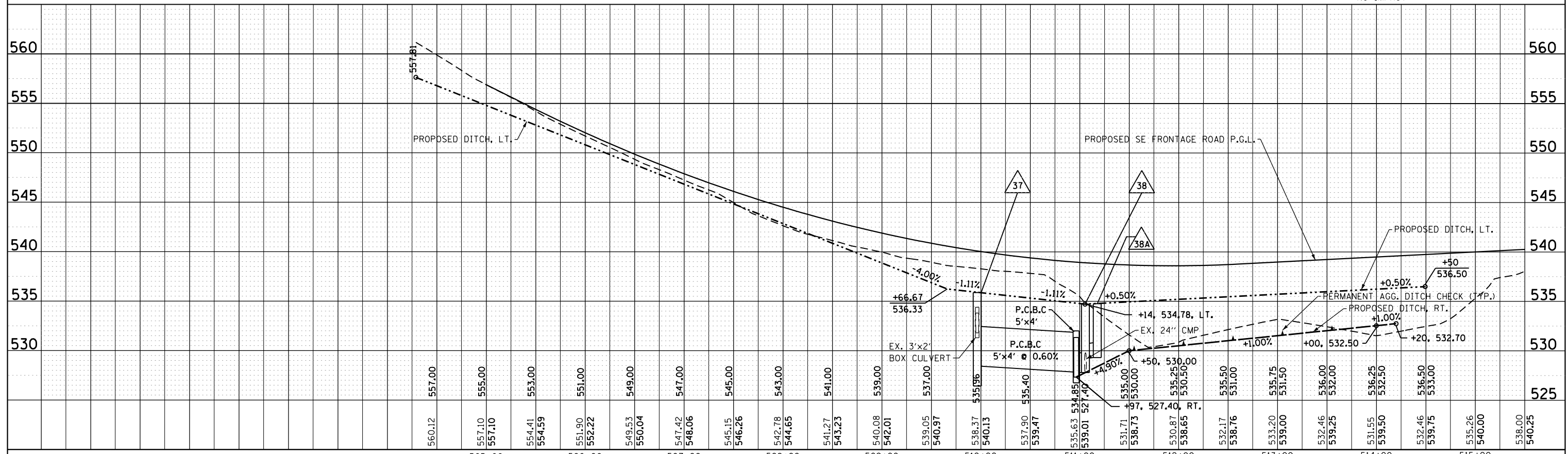
STA. 511+02.23, 4.7° SKEW RT.  
 191 FT. - PRECAST CONCRETE BOX CULVERTS, 5' x 4'  
 BOX CULVERT END SECTIONS, CULVERT NO. 2, 1 EA.  
 WITH TRAVERSABLE PIPE GRATE FOR BOX CULVERTS  
 STA. 509+99.5, 44.9' LT., TO STA. 510+96.85, 64' RT.

NOTE: THE LENGTH OF THE BOX CULVERT INCLUDES THE  
 2 - 50° BENDS. THE COST OF THE BENDS SHALL BE  
 INCLUDED IN THE UNIT PRICE PER FOOT OF  
 PRECAST CONCRETE BOX CULVERTS, 5' x 4'.

5 EACH - PERMANENT AGG. DITCH CHECK  
 6-IN HIGH, 3:1 SLOPE  
 50-FT MAX. SPACING  
 FROM STA. 511+50 TO 514+20

SITE 2, WETLAND 2 (WL 2)  
 WITHIN ENV. SURVEY LIMIT = 0.41 AC  
 TOTAL AREA = 0.41 AC  
 PERMANENT IMPACT = 0.02 AC  
 TEMPORARY IMPACT = 0.00 AC  
 TOTAL IMPACT = 0.02 AC

SITE 1, WETLAND 1 (WL 1)  
 WITHIN ENV. SURVEY LIMIT = 3.43 AC  
 TOTAL AREA = N/A  
 NO IMPACT



FILE NAME = D160130-shr-prop.dwg  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 1' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

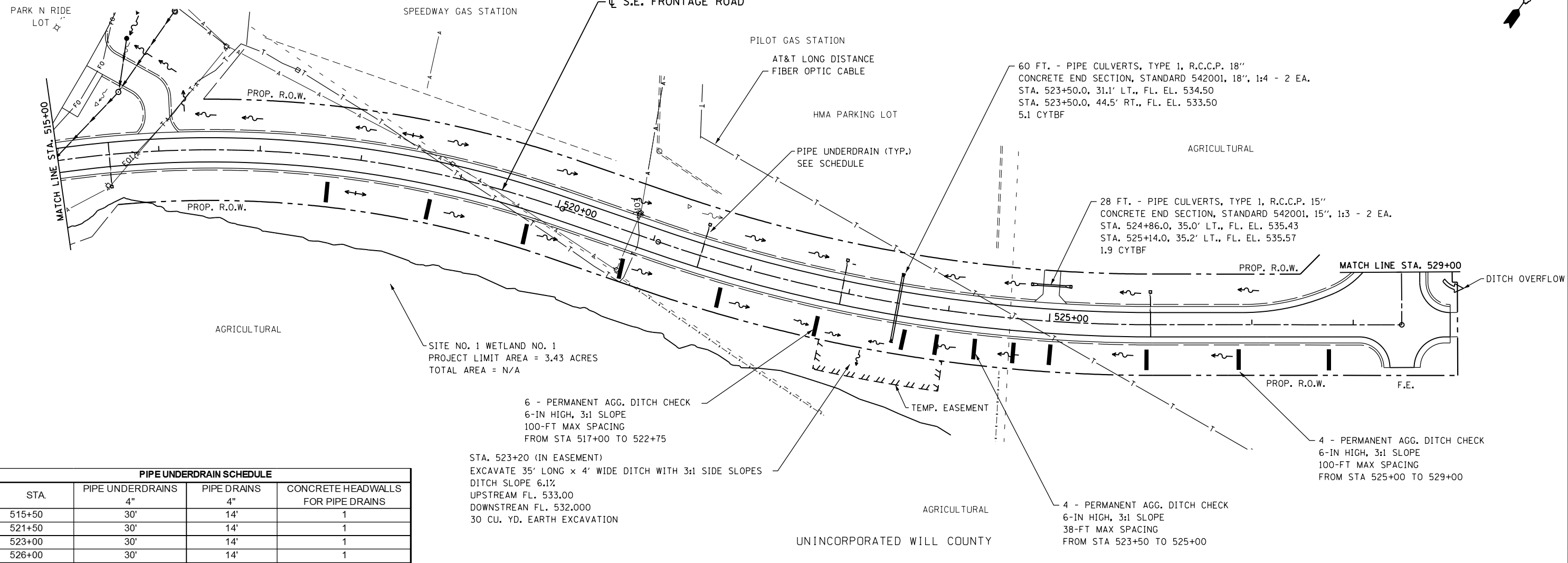
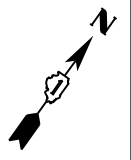
DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

**PROPOSED DRAINAGE PLAN AND UTILITIES**  
**SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	90
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



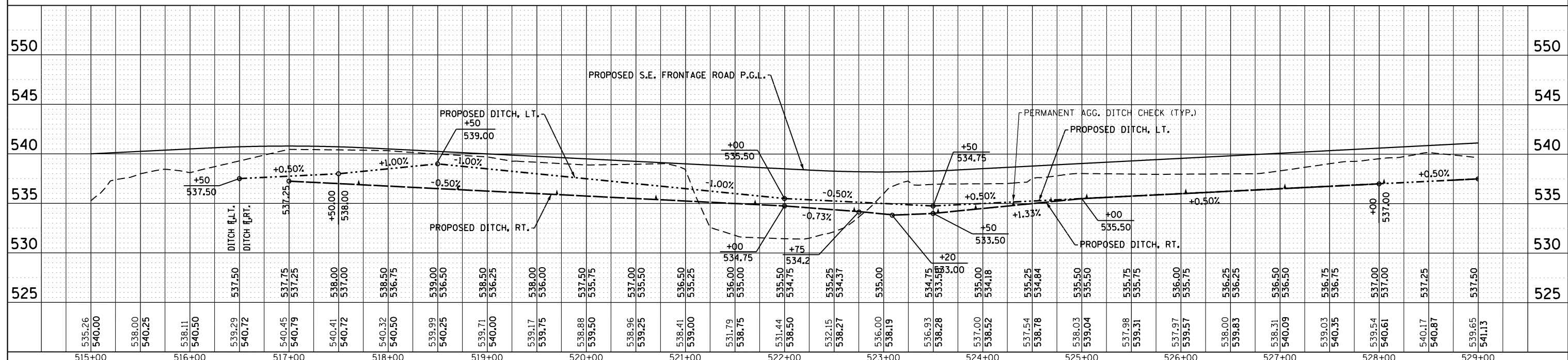
PIPE UNDERDRAIN SCHEDULE			
STA	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
515+50	4"	4"	1
521+50	30'	14'	1
523+00	30'	14'	1
526+00	30'	14'	1

6 - PERMANENT AGG. DITCH CHECK  
6-IN HIGH, 3:1 SLOPE  
100-FT MAX SPACING  
FROM STA 517+00 TO 522+75

STA. 523+20 (IN EASEMENT)  
EXCAVATE 35' LONG x 4' WIDE DITCH WITH 3:1 SIDE SLOPES  
DITCH SLOPE 6.1%  
UPSTREAM FL. 533.00  
DOWNSTREAM FL. 532.000  
30 CU. YD. EARTH EXCAVATION

4 - PERMANENT AGG. DITCH CHECK  
6-IN HIGH, 3:1 SLOPE  
38-FT MAX SPACING  
FROM STA 523+50 TO 525+00

4 - PERMANENT AGG. DITCH CHECK  
6-IN HIGH, 3:1 SLOPE  
100-FT MAX SPACING  
FROM STA 525+00 TO 529+00



FILE NAME = 0160138-shd-prop.dwg  
PLOT DATE = 5/3/2016  
PLOT SCALE = 1/8" = 100'-0"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - MAY 3, 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

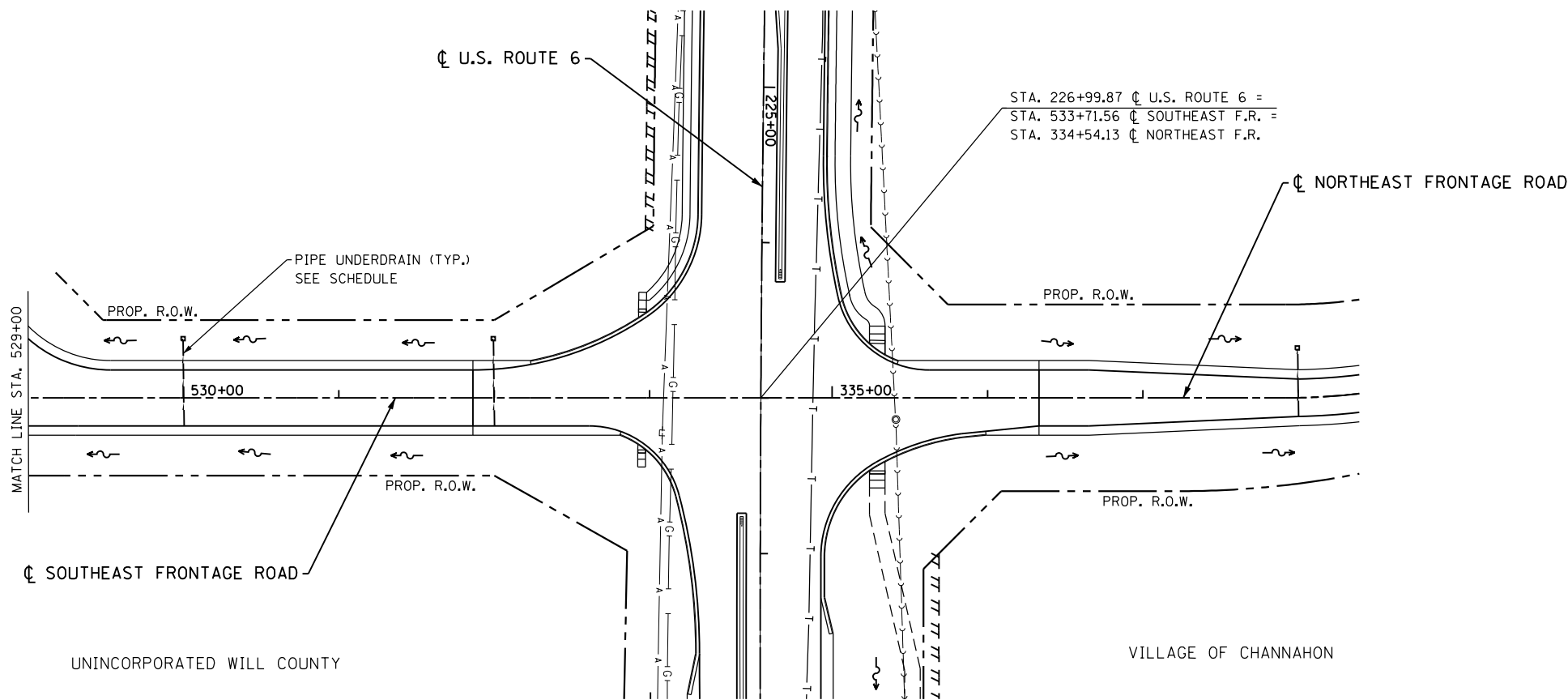
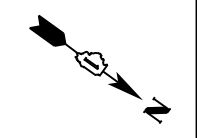
**PROPOSED DRAINAGE PLAN AND UTILITIES  
SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 50'  
SHEET NO. 5 OF 9 SHEETS  
STA. TO STA.

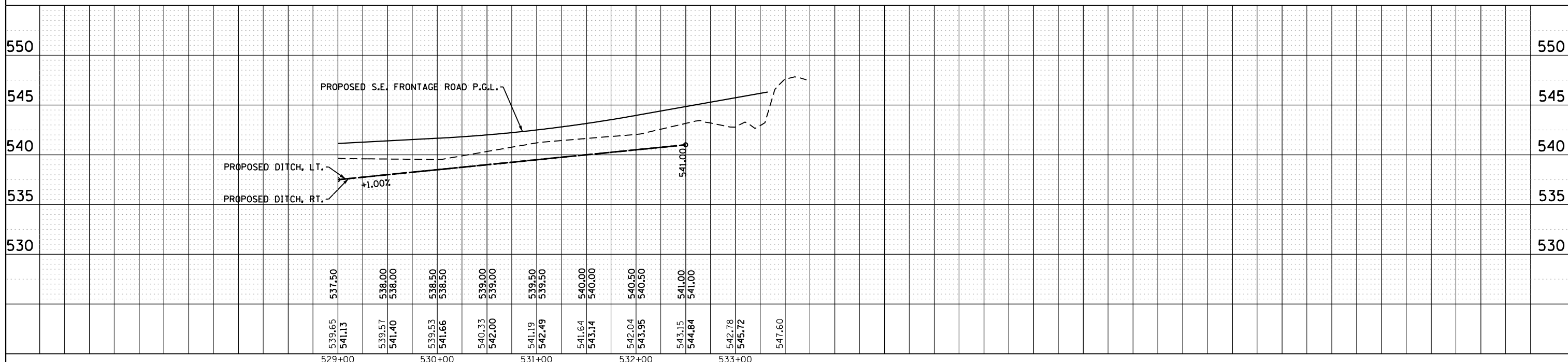
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	91
CONTRACT NO. 60130				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

UNINCORPORATED WILL COUNTY

VILLAGE OF CHANNAHON



PIPE UNDERDRAIN SCHEDULE			
STA	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
530+00	4" 30'	4" 14'	1
532+00	4" 30'	4" 14'	1



FILE NAME = D160130-shr-prop.d&u06.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 100.0329' / 1" =

**CR**  
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

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

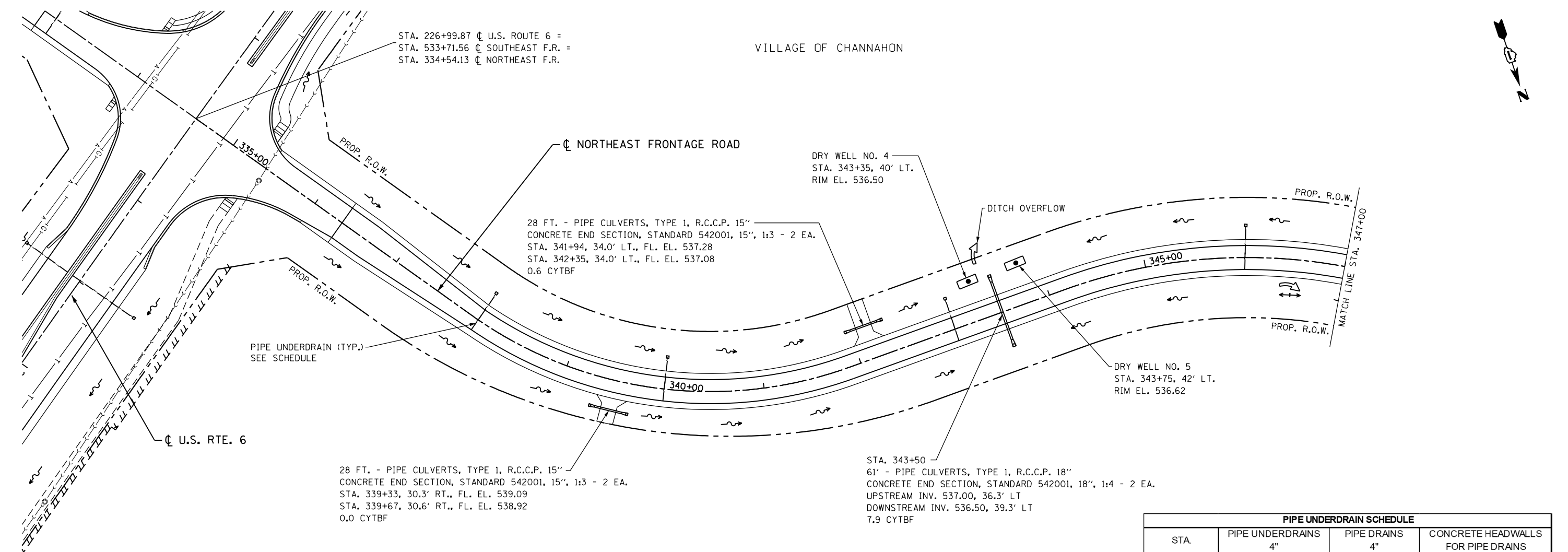
**PROPOSED DRAINAGE AND UTILITIES**  
**S.E. FRONTAGE ROAD**

SCALE: 1" = 50' SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	92
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60130	



VILLAGE OF CHANNAHON



STA. 226+99.87  $\phi$  U.S. ROUTE 6 =  
 STA. 533+71.56  $\phi$  SOUTHEAST F.R. =  
 STA. 334+54.13  $\phi$  NORTHEAST F.R.

28 FT. - PIPE CULVERTS, TYPE 1, R.C.C.P. 15"  
 CONCRETE END SECTION, STANDARD 542001, 15", 1:3 - 2 EA.  
 STA. 341+94, 34.0' LT., FL. EL. 537.28  
 STA. 342+35, 34.0' LT., FL. EL. 537.08  
 0.6 CYTBF

DRY WELL NO. 4  
 STA. 343+35, 40' LT.  
 RIM EL. 536.50

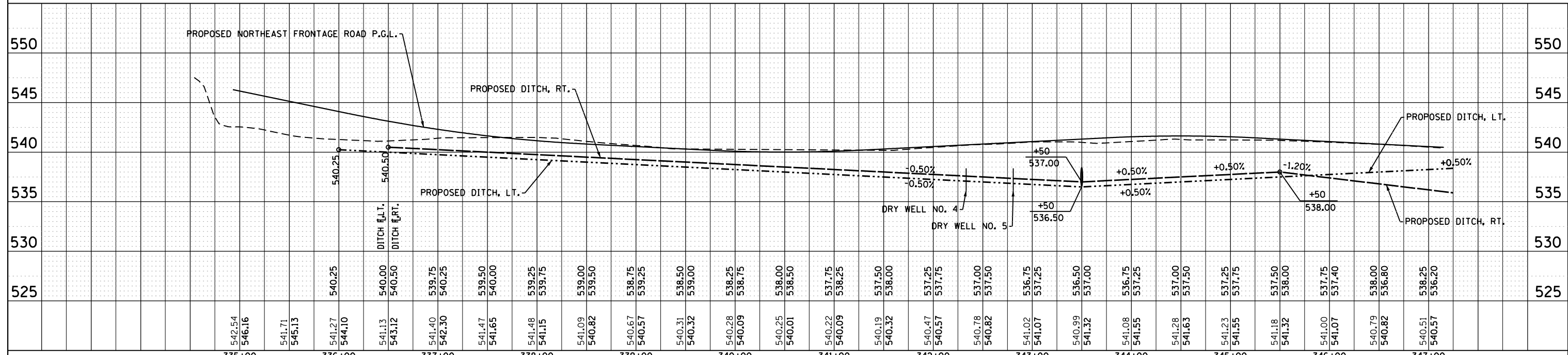
DRY WELL NO. 5  
 STA. 343+75, 42' LT.  
 RIM EL. 536.62

28 FT. - PIPE CULVERTS, TYPE 1, R.C.C.P. 15"  
 CONCRETE END SECTION, STANDARD 542001, 15", 1:3 - 2 EA.  
 STA. 339+33, 30.3' RT., FL. EL. 539.09  
 STA. 339+67, 30.6' RT., FL. EL. 538.92  
 0.0 CYTBF

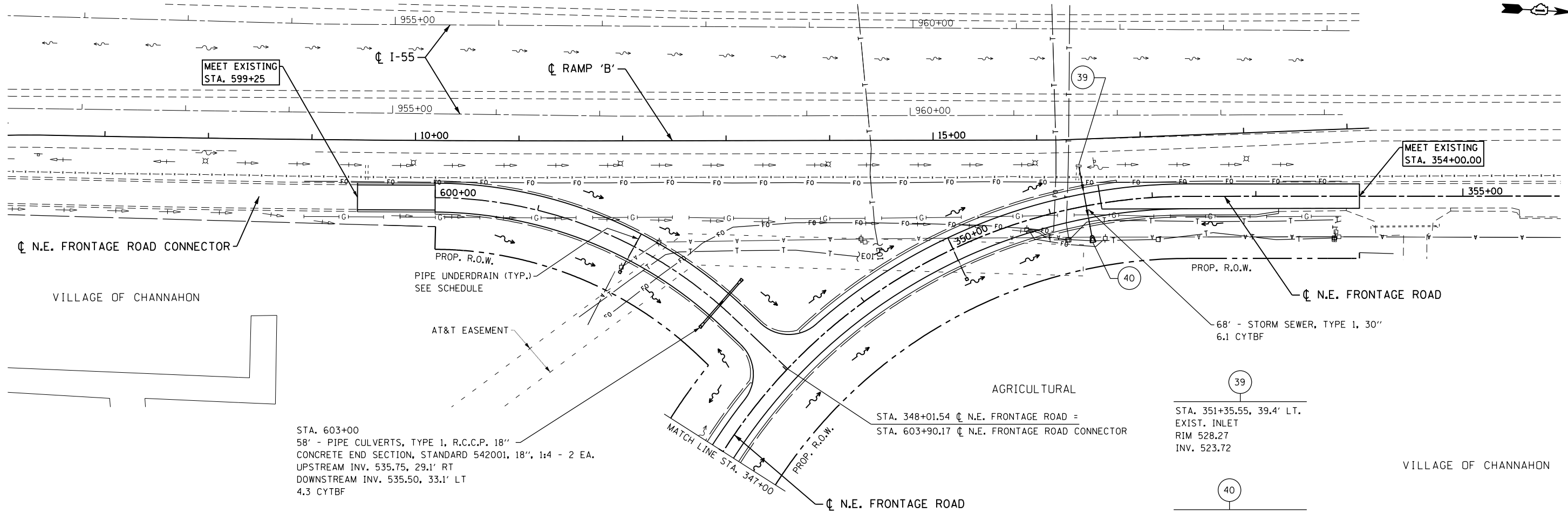
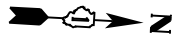
61' - PIPE CULVERTS, TYPE 1, R.C.C.P. 18"  
 CONCRETE END SECTION, STANDARD 542001, 18", 1:4 - 2 EA.  
 UPSTREAM INV. 537.00, 36.3' LT  
 DOWNSTREAM INV. 536.50, 39.3' LT  
 7.9 CYTBF

VILLAGE OF CHANNAHON

PIPE UNDERDRAIN SCHEDULE			
STA.	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
338+00	4"	4"	1
340+00	30'	14'	1
343+00	30'	14'	1
346+00	30'	14'	1



FILE NAME = D:\160130-shr-prop.d&u07.dgn PLOT DATE = 1/16/2016 PLOT SCALE = 100.0329' / 1"	<b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b> ENGINEERS-PLANNERS-SURVEYORS 221 NORTH LASALLE STREET, SUITE 300 CHICAGO, ILLINOIS 60601 PHONE: (312) 577-3300	DESIGNED - S.J.P.	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE PLAN AND UTILITIES</b> <b>NORTHEAST FRONTAGE ROAD</b>	F.A.I. RTE. 55	SECTION 99(1&2)AC-R-3	COUNTY WILL	TOTAL SHEETS 225	SHEET NO. 93	
		DRAWN - B.K.	REVISED -			CONTRACT NO. 60130					
		CHECKED - M.P.	REVISED -	SCALE: 1" = 50'		SHEET NO. 7 OF 9 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
		DATE - JANUARY 15, 2016	REVISED -								

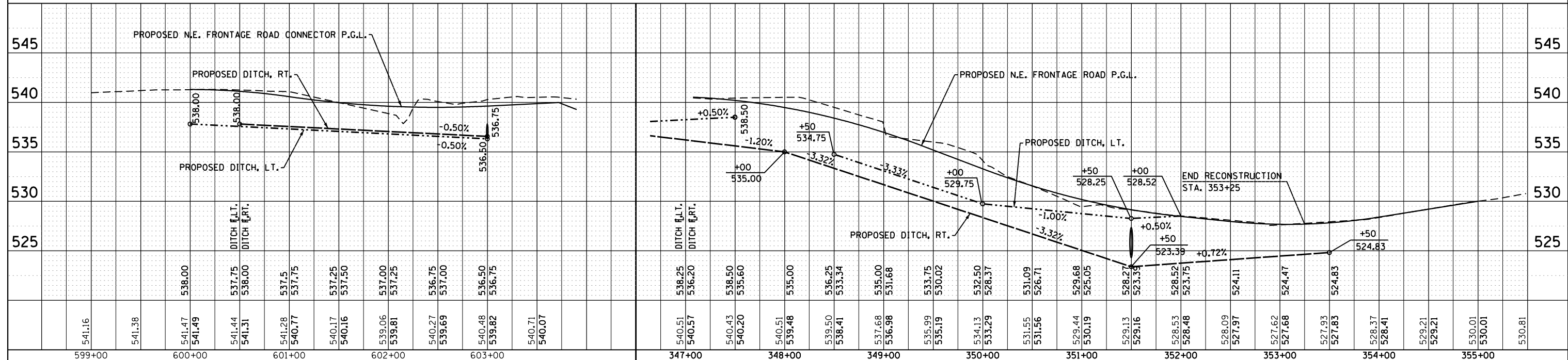


STA. 603+00  
 58' - PIPE CULVERTS, TYPE 1, R.C.C.P. 18"  
 CONCRETE END SECTION, STANDARD 542001, 18", 1:4 - 2 EA.  
 UPSTREAM INV. 535.75, 29.1' RT  
 DOWNSTREAM INV. 535.50, 33.1' LT  
 4.3 CYTBF

39  
 STA. 351+35.55, 39.4' LT.  
 EXIST. INLET  
 RIM 528.27  
 INV. 523.72

40  
 STA. 351+35.55, 35.8' RT.  
 CONCRETE END SECTION, STANDARD 542001, 30", 1:4 - 1 EA.  
 14'-10" TRAVERSABLE PIPE GRATE  
 INV. 523.45

PIPE UNDERDRAIN SCHEDULE			
STA	PIPE UNDERDRAINS	PIPE DRAINS	CONCRETE HEADWALLS FOR PIPE DRAINS
350+00	30'	14'	1
602+00	30'	14'	1



FILE NAME = D:\60130-shr-prop.d&u08.dgn  
 PLOT DATE = 1/16/2016  
 PLOT SCALE = 1/8" = 1' / 1/4"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 15, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**PROPOSED DRAINAGE PLAN AND UTILITIES**  
**NORTHEAST EAST FRONTAGE ROAD AND CONNECTOR**

SCALE: 1" = 50'    SHEET NO. 8 OF 9 SHEETS    STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	94

CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

33  
 STA. 214+58, 189.9' RT.  
 CB TY A, 4' DIA., TY 1 F&G  
 RIM 540.85  
 INV. 537.40

34  
 STA. 214+45.4, 213.9' RT.  
 CB TY A, 4' DIA., TY 1 F&G  
 RIM 540.45  
 12" S INV. 537.20  
 12" E INV. 537.20

29\*  
 STA. 215+03.8, 115.8' RT.  
 MH TY A, 6' DIA., TY 1 F CL  
 RIM 546.91  
 NE INV. 534.99  
 SE INV. 534.70

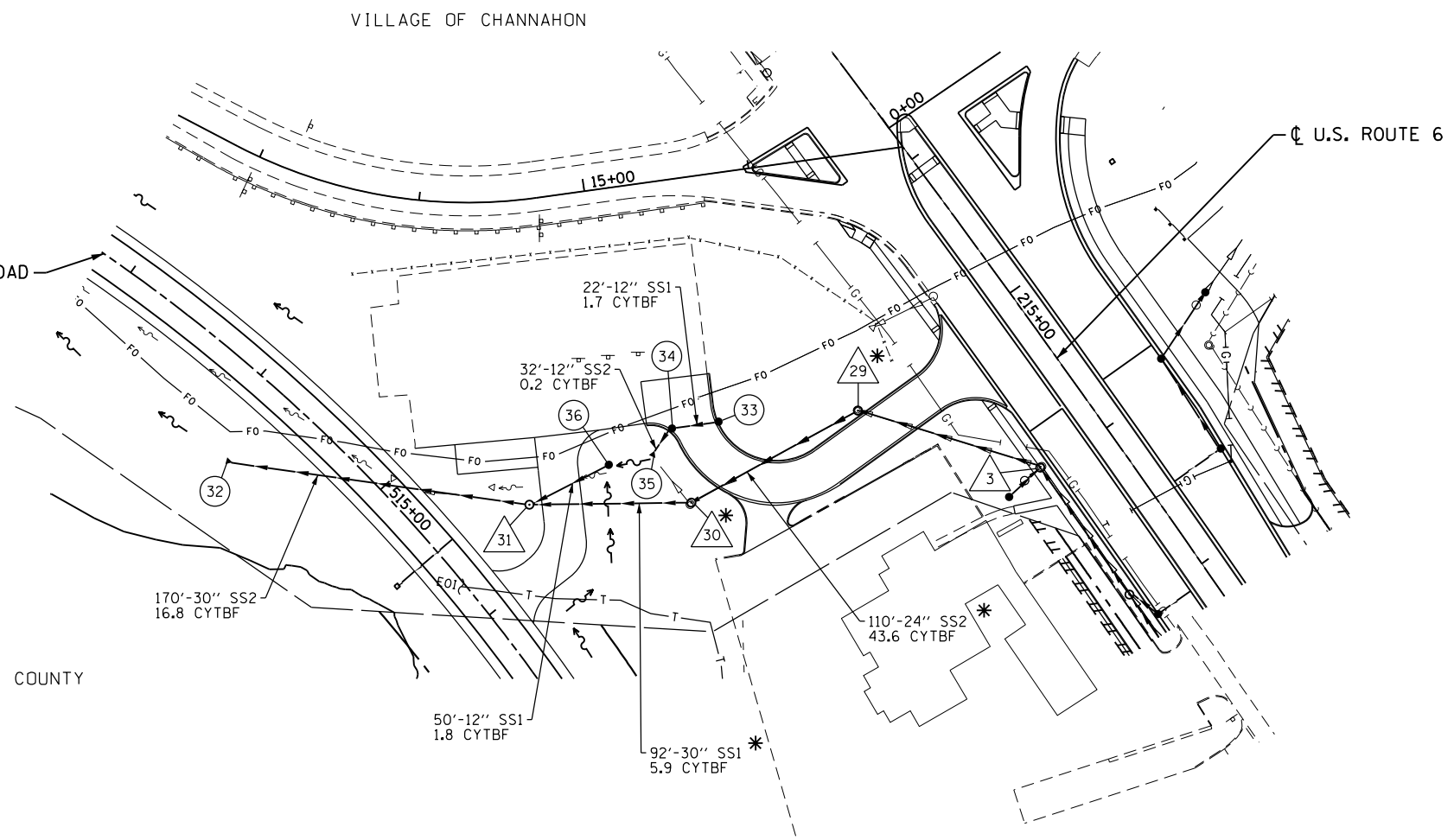
30\*  
 STA. 214+89.5, 229.7' RT.  
 MH TY A, 6' DIA., TY 1 F CL  
 RIM 539.00  
 24" NW INV. 534.42  
 30" S INV. 534.42

31  
 STA. 515+64.8, 60.7' LT.  
 MH TY A, 6' DIA., TY 1 F CL  
 RIM 538.84  
 30" N INV. 533.15  
 30" S INV. 533.15  
 12" NW INV. 533.25

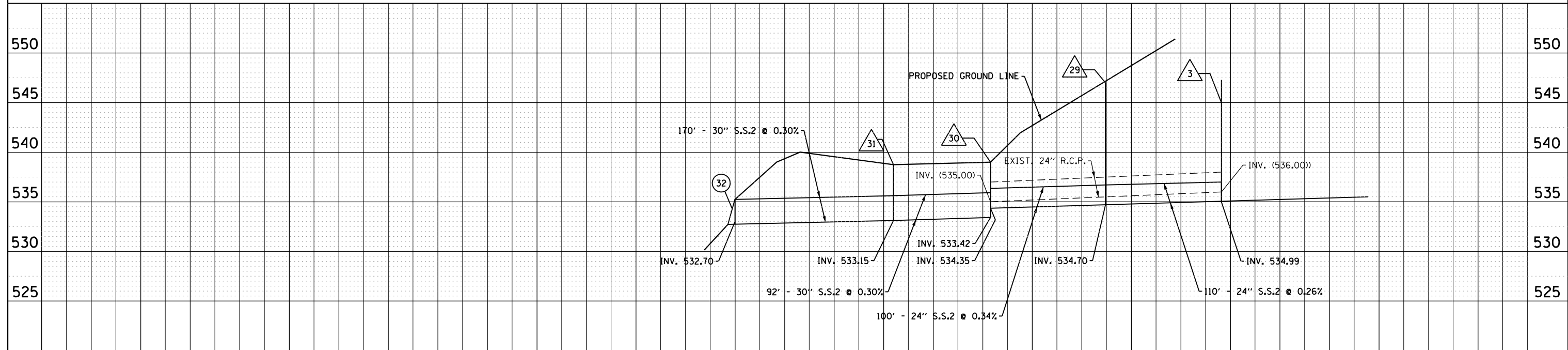
35  
 STA. 515+98.00, 137.38' LT.  
 12" PRC FES  
 INV. 537.00

32  
 STA. 514+47.2, 47.5' RT.  
 CONCRETE END SECTION, STANDARD 542001, 30", 1:4 - 1 EA.  
 14'-10" TRAVERSABLE PIPE GRATE  
 INV. 532.70

36  
 STA. 515+76.1, 112.2' LT.  
 CB TY A, 4' DIA., TY 8 G  
 RIM 536.00  
 INV. 533.75

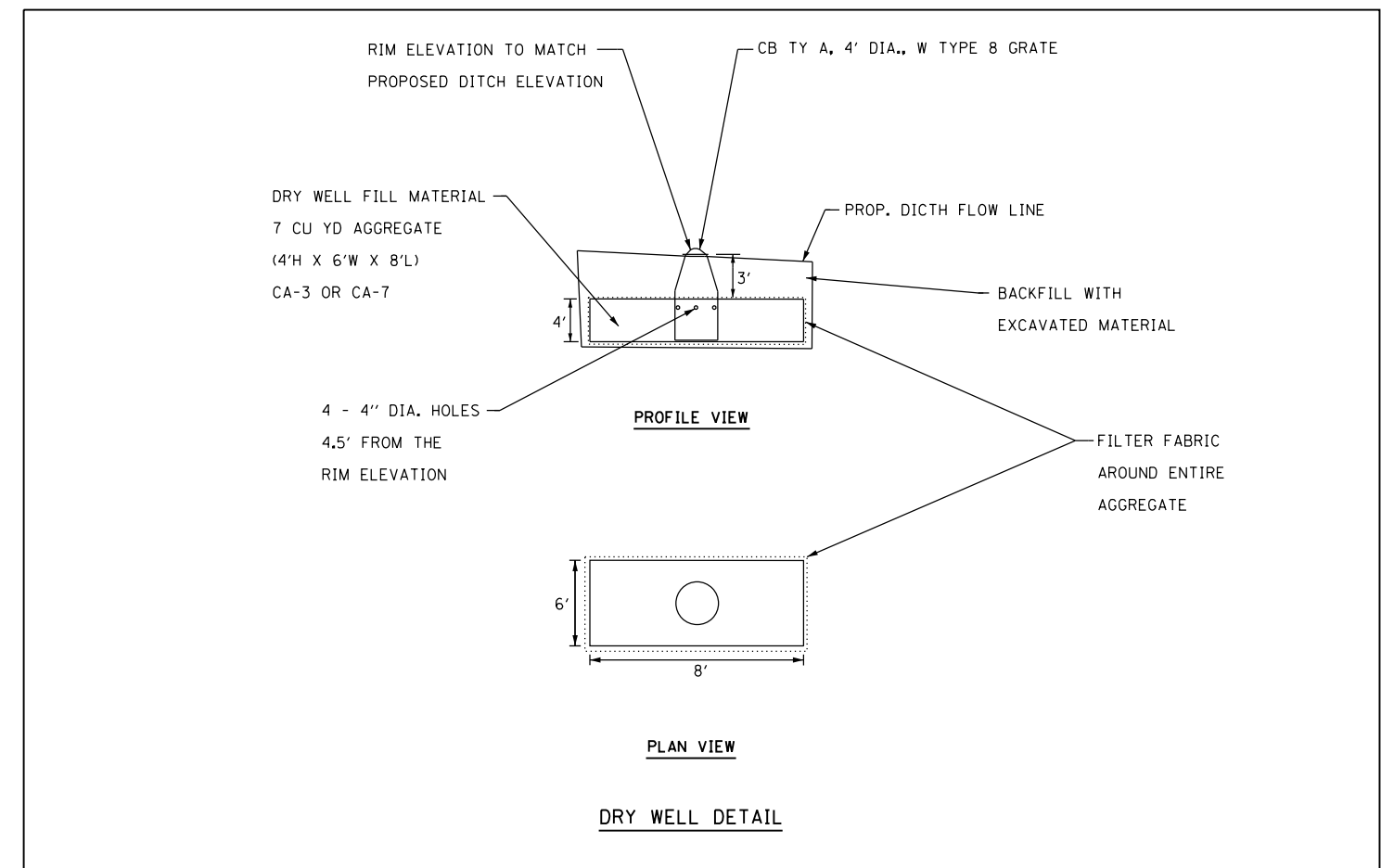


\* STORM STRUCTURES AND PIPES TO BE INSTALLED IN PRE-STAGE





DRY WELL SCHEDULE			
U.S. ROUTE 6	STA.	OFFSET	EACH
DRY WELL NO. 1	237+65	52' RT	1
DRY WELL NO. 2	238+00	70' LT	1
DRY WELL NO. 3	238+58	70' LT	1
N.E. FRONTAGE ROAD	STA.	OFFSET	EACH
DRY WELL NO. 4	343+35	40' LT	1
DRY WELL NO. 5	343+75	42' LT	1
TOTAL			5



FILE NAME =D160130-sht-draindetail.dgn  
 PLOT DATE =1/16/2016  
 PLOT SCALE=100.0000 1/ in.

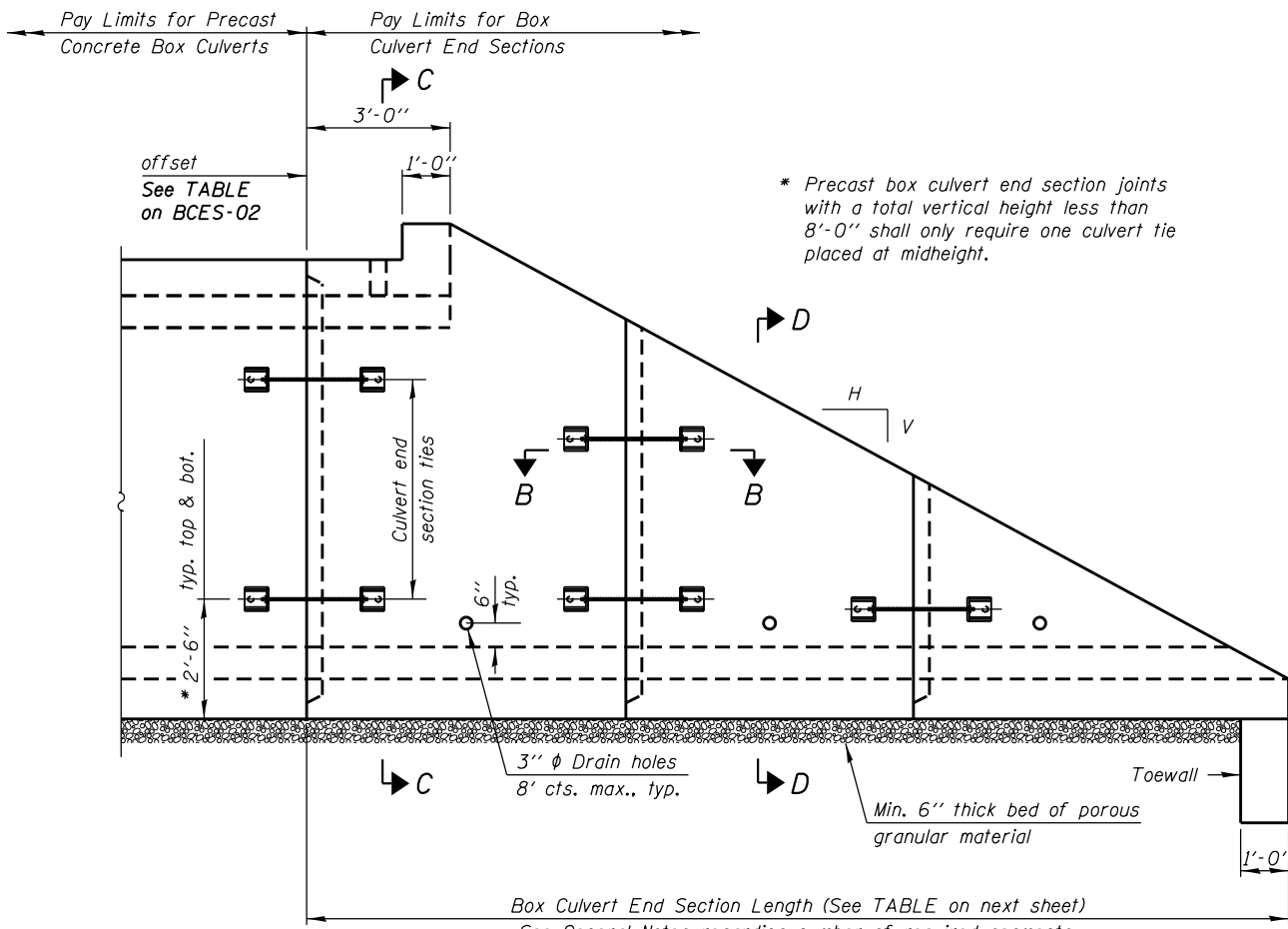
**CR**  
 CHRISTIAN-ROGE & ASSOCIATES, INC.  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - M.P.	REVISED -
DATE - JANUARY 15, 2016	REVISED -

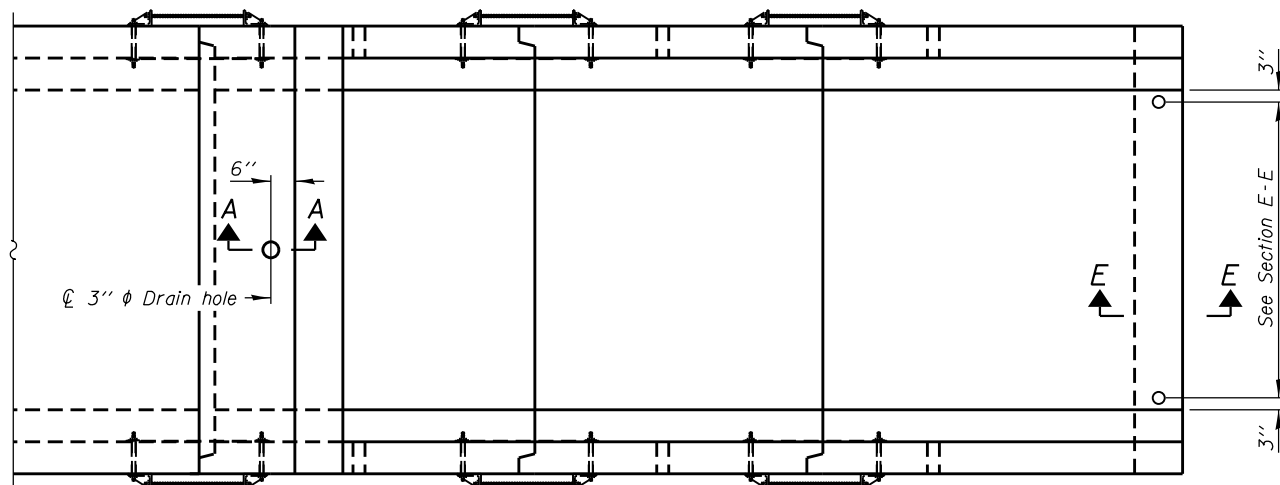
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE DETAILS U.S. ROUTE 6			
SCALE:	SHEET NO.	STA.	TO STA.
NONE	1 OF 4 SHEETS		

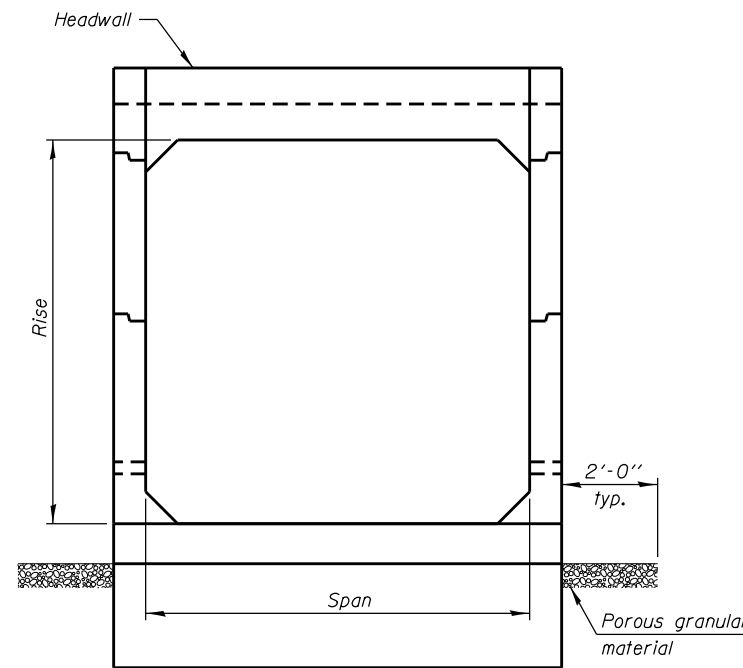
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	95A
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60130



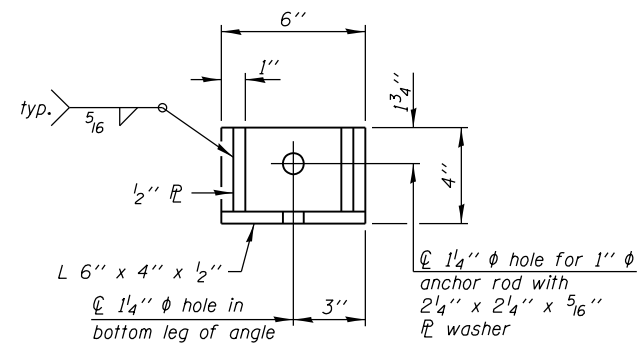
**ELEVATION**



**PLAN**



**END VIEW**



**RESTRAINT ANGLE DETAIL**

12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" φ PVC drain cast with the concrete (Adjust location to clear reinforcement).

1/2" Square foam blockout around PVC drain (to be removed with formwork)

**SECTION A-A**

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

**GENERAL NOTES**

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each as indicated in the TABLE on the next sheet. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

See the TABLE on the next sheet for embankment slope (V:H).

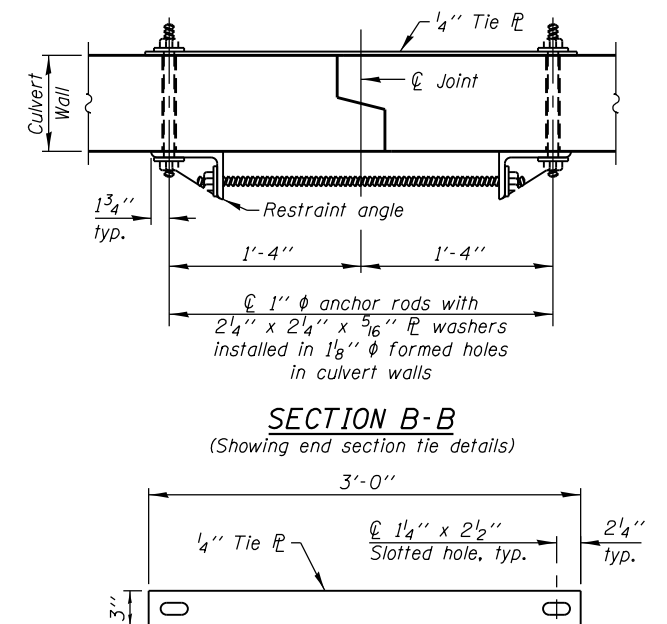
1" φ anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

Reinforcement bars designated (E) shall be epoxy coated.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd.



**TIE PLATE DETAIL**

FILE NAME = 0160130-sht-draindetail2.dgn  
PLOT DATE = 1/18/2016  
PLOT SCALE = 2.0000' / 1"

**CR**  
CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
221 NORTH LASALLE STREET, SUITE 300  
CHICAGO, ILLINOIS 60601  
PHONE: (312) 577-3300

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - JANUARY 18, 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BOX CULVERT END SECTION DETAILS  
SINGLE CELL BOX CULVERT TAPERED END SECTIONS**

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	95B
BCES-01		CONTRACT NO. 60130		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

A <sub>slm</sub> REINFORCEMENT											
(in. <sup>2</sup> /ft)											
Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.29	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54		0.46		0.41		0.50	0.65	
12	0.55	0.49	0.58		0.50		0.45		0.46		0.75

(A<sub>slm</sub> reinforcement based upon welded wire fabric conforming to AASHTO M 55 or M 221).

**Notes:**

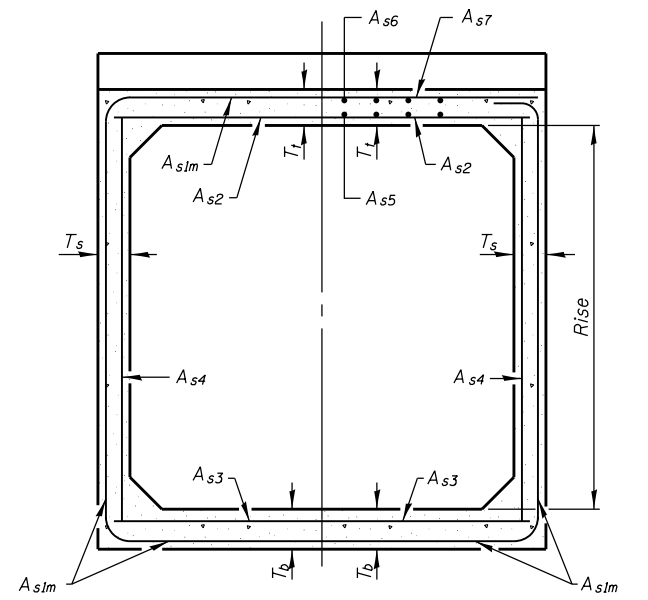
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

The size and spacing of the v<sub>2</sub>(E) bars shall provide a minimum reinforcement area along each face of the walls (in.<sup>2</sup>/ft.) equal to 1.10\*(A<sub>slm</sub>). v<sub>2</sub>(E) bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

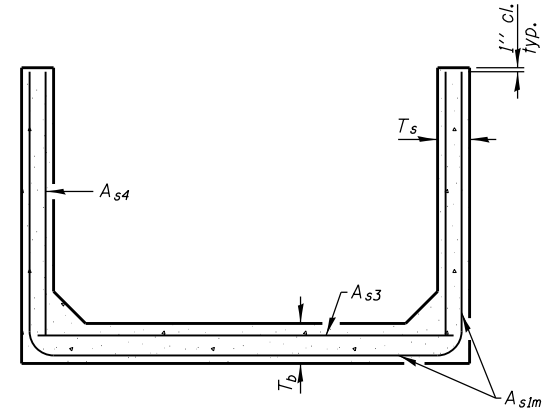
**1 DIMENSION**

- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

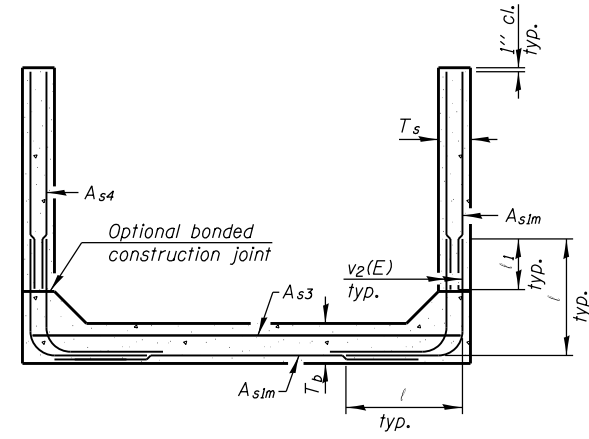


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

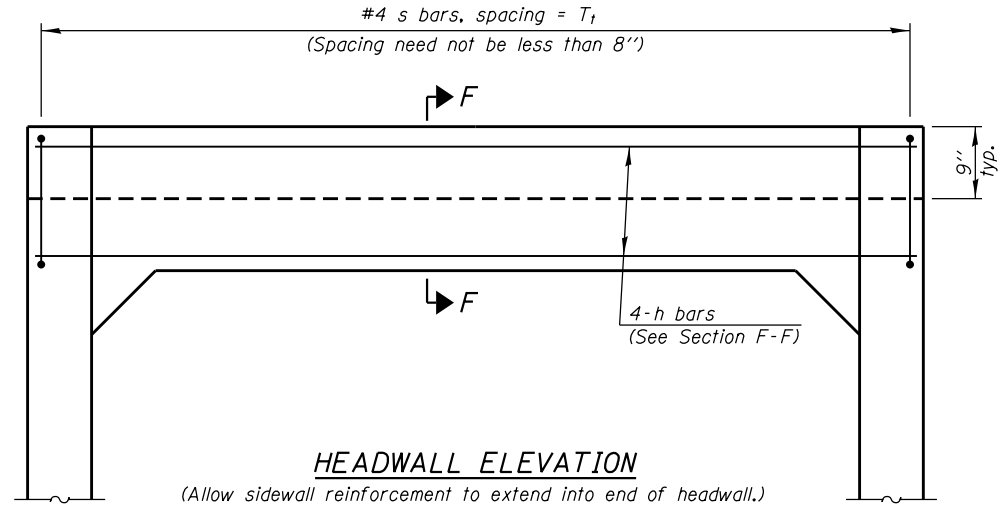
**SECTION C-C**



**SECTION D-D**



**ALTERNATE SECTION D-D**



**HEADWALL ELEVATION**

**SINGLE CELL BOX CULVERT END SECTIONS TABLE**

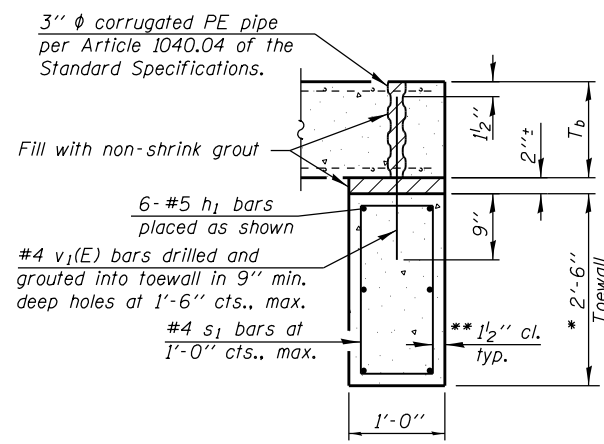
PAY ITEMS			DRAINAGE STRUCTURES				SPAN X RISE	SLOPE (V:H)	LENGTH
ITEM	UNIT	QUANTITY	LOCATION	STATION	OFFSET	INVERT			
Box Culvert End Sections, Culvert No. 1	Each	1	U.S. Route 6	238+58	40.0' LT	537.50	3 x 2	1:4	16'-4"
Box Culvert End Sections, Culvert No. 1	Each	1	U.S. Route 6	238+58	30.0' RT	537.87	3 x 2	1:4	16'-4"
Box Culvert End Sections, Culvert No. 2	Each	1	S.E. Frontage	510+96	94.0' RT	527.32	5 x 4	1:4	24'-8"

**TOEWALL CONSTRUCTION SEQUENCE**

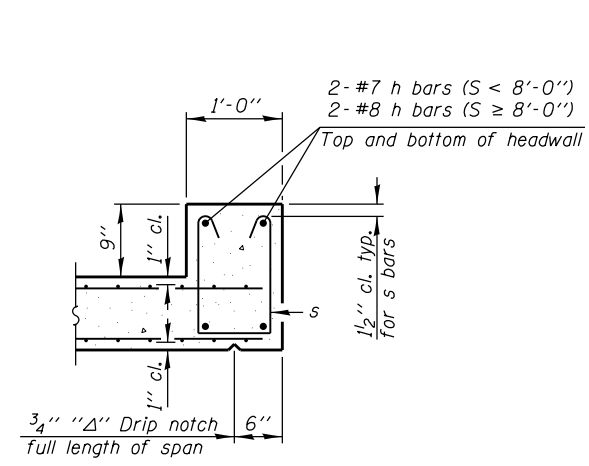
1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

\* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling the method.

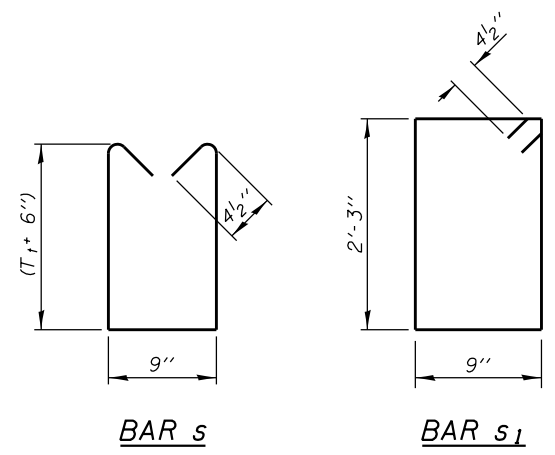
\*\* If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



**SECTION E-E**



**SECTION F-F**



**BAR s**

**BAR s\_1**

FILE NAME = 0160130-sht-draindetail3.dgn  
 PLOT DATE = 1/18/2016  
 PLOT SCALE = 2.0000 "/math>

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BOX CULVERT END SECTION DETAILS  
 SINGLE CELL BOX CULVERT TAPERED END SECTIONS**

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 55 99(1&2)AC-R-3 WILL 225 95C  
 BCES-02 CONTRACT NO. 60130  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

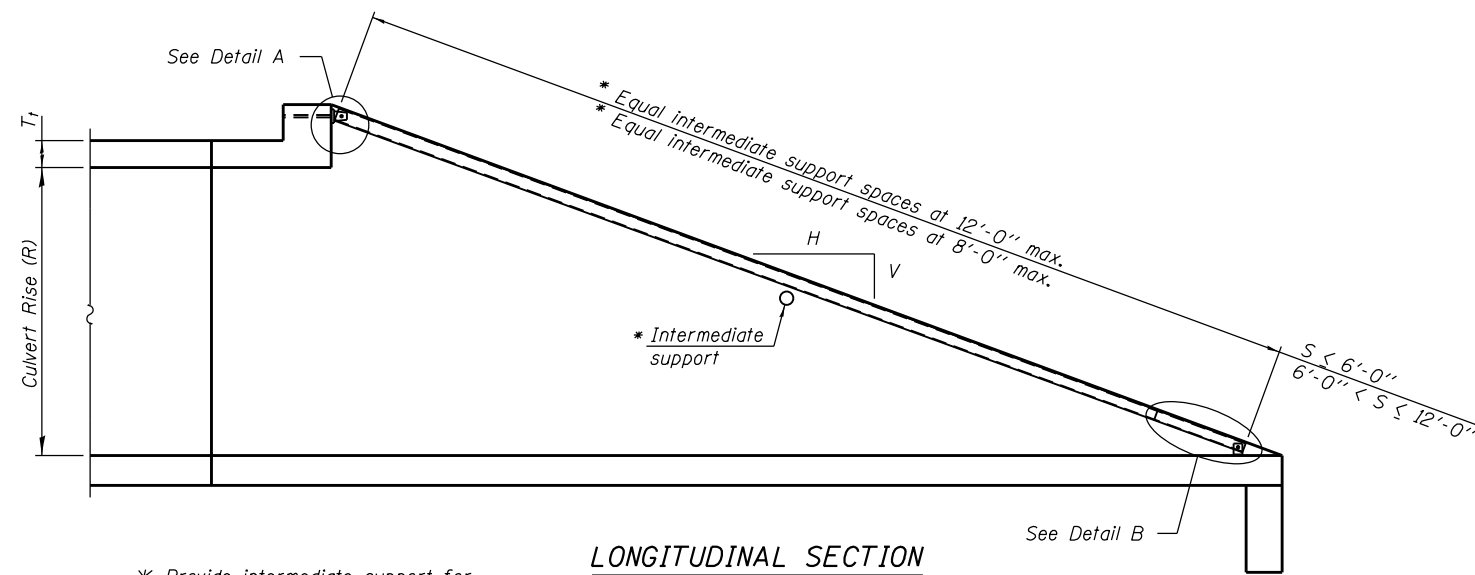
**GENERAL NOTES**

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.

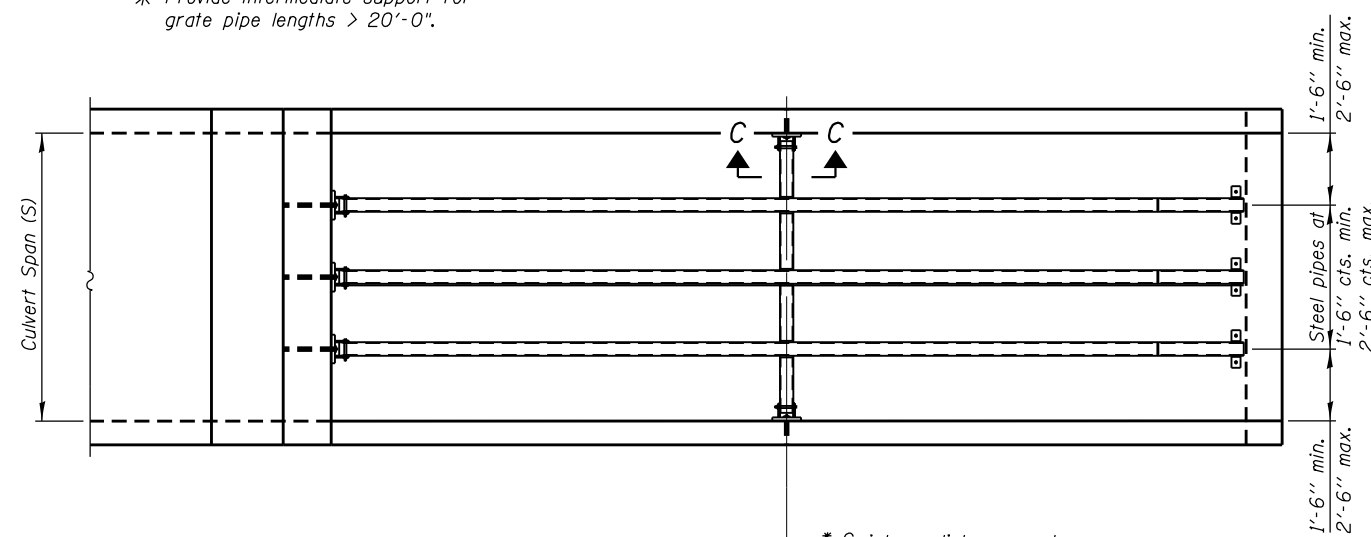
The Contractor may install the thru bolts using core bits for drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completed filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/3 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.

**PIPE GRATE SCHEDULE FOR BOX CULVERT END SECTIONS**

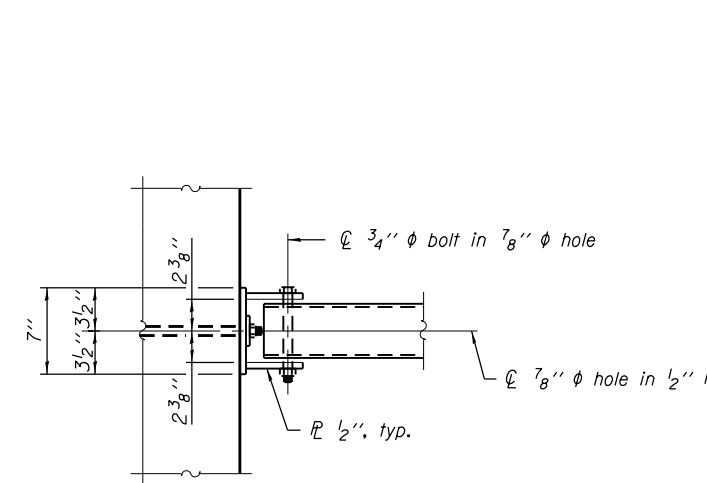
PRECAT BOX CULVERT DIMENSIONS			SLOPE OF END SECTION 1:4		
S (ft)	R (ft)	T <sub>1</sub> (in)	MAIN PIPE NO. / LENGTH	INT. SUPPORT NO. / LENGTH	TOTAL LENGTH OF PIPE
3	2	7.5	1 @ 11'-7"	N/A	11'-7"
3	2	7.5	1 @ 11'-7"	N/A	11'-7"
5	4	8	1 @ 20'-0"	1 @ 4'-7"	24'-7"



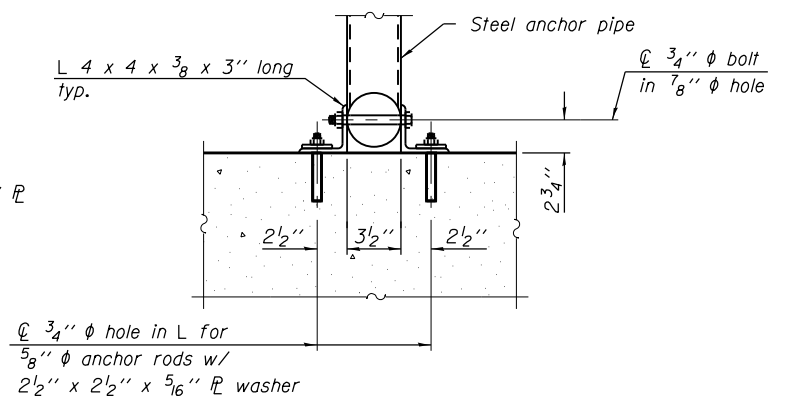
**LONGITUDINAL SECTION**



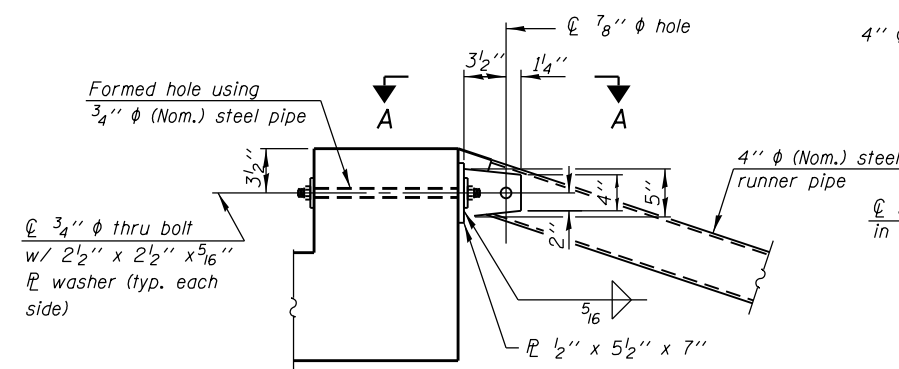
**PLAN VIEW**



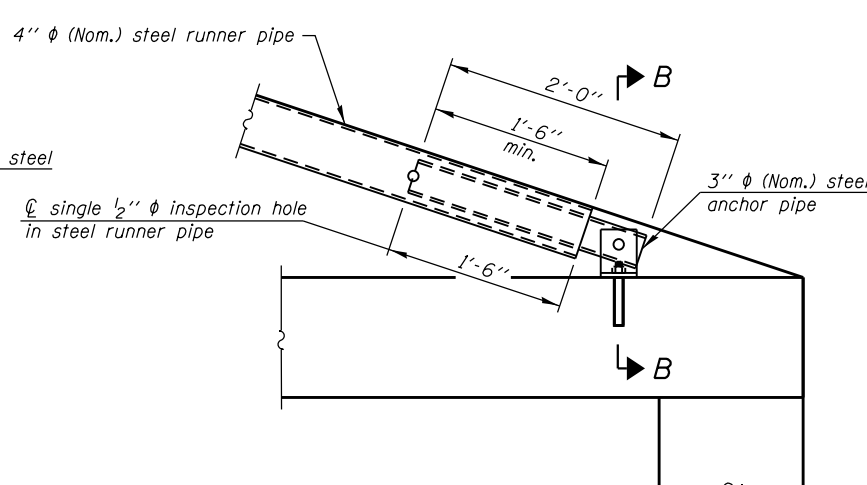
**VIEW A-A**



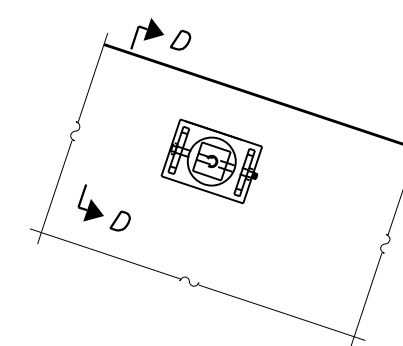
**SECTION B-B**



**DETAIL A**

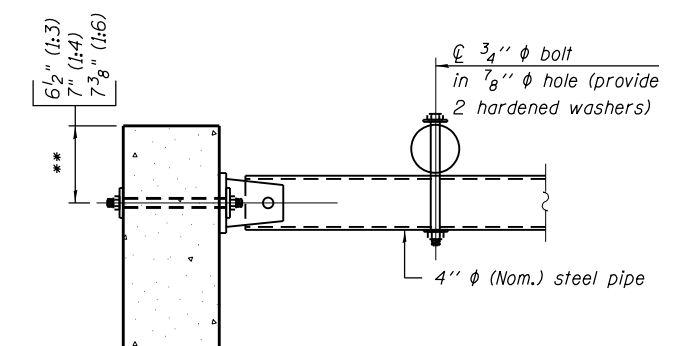


**DETAIL B**



**VIEW C-C**

(See Detail A for dimensions and details not shown.)



**SECTION D-D**

\*\* Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

FILE NAME = D160130-sht-draindetail4.dgn  
 PLOT DATE = 1/18/2016  
 PLOT SCALE = 2.0000 ' / in.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 221 NORTH LASALLE STREET, SUITE 300  
 CHICAGO, ILLINOIS 60601  
 PHONE: (312) 577-3300

DESIGNED - S.J.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - JANUARY 18, 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BOX CULVERT END SECTION DETAILS  
 TRAVERSABLE PIPE GRATE FOR BOX CULVERTS**

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

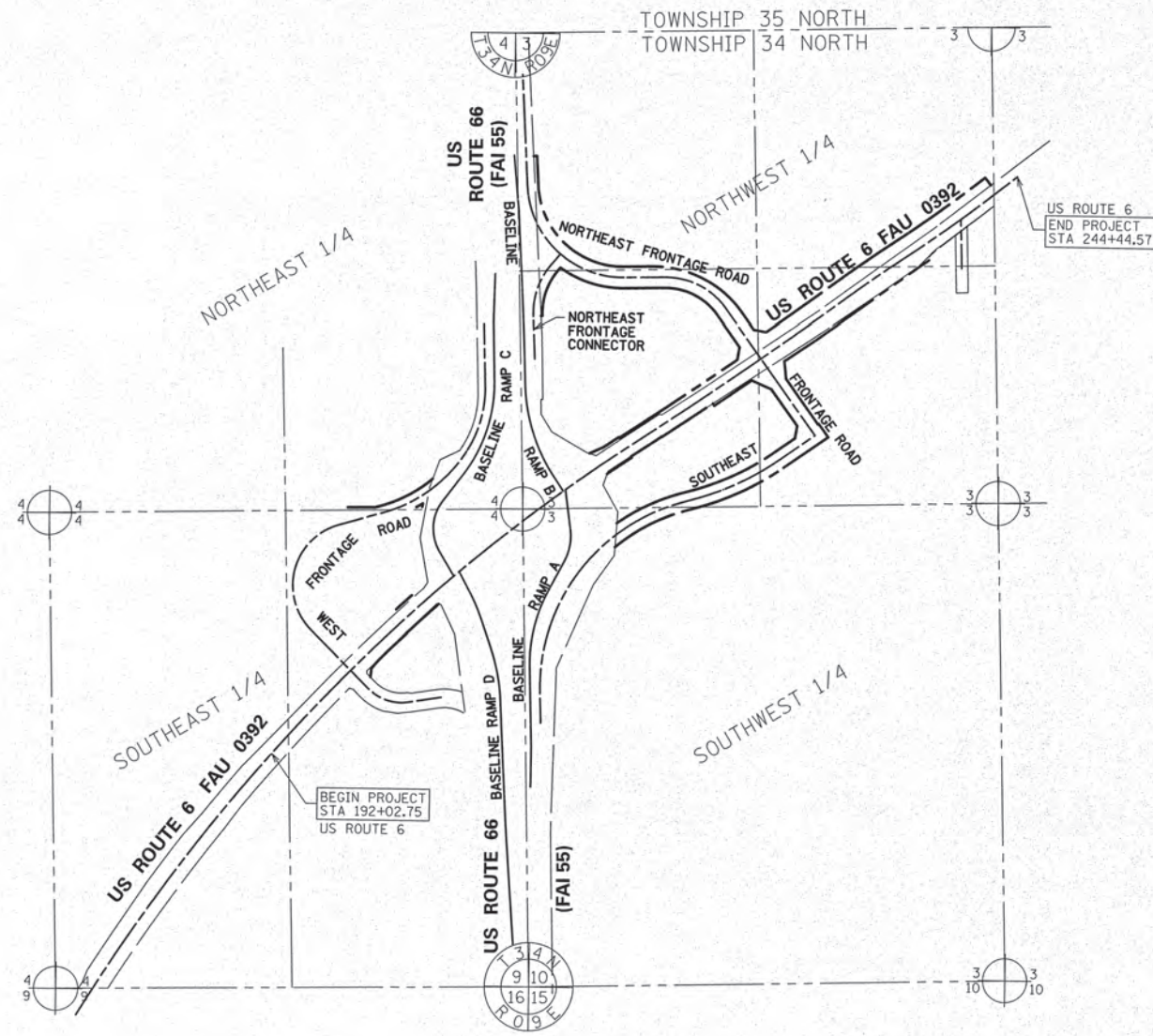
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)AC-R-3	WILL	225	95D
BCES-03		CONTRACT NO. 60130		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

# PLAT OF HIGHWAYS

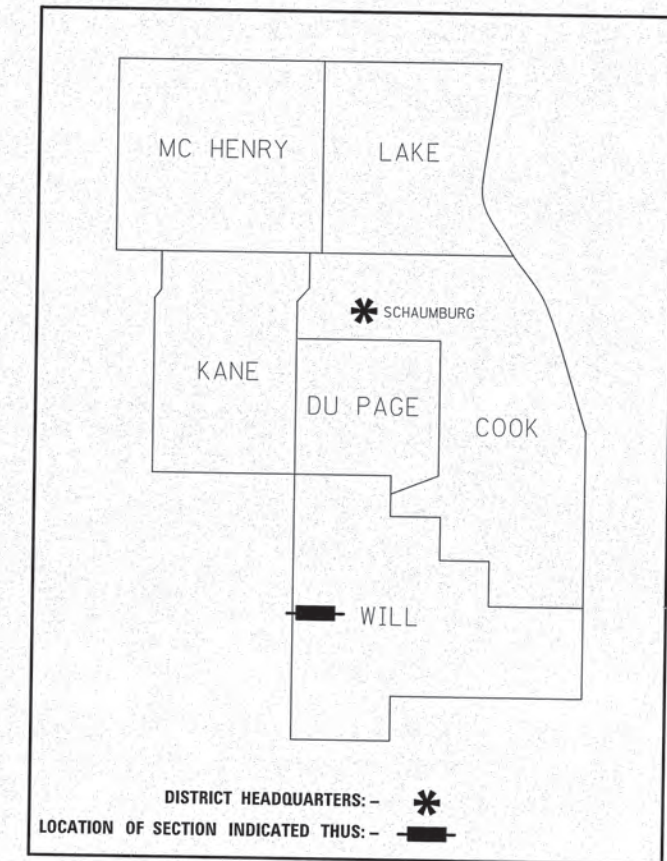
**ROUTE: U.S. ROUTE 6**  
**SECTION: AT INTERSTATE 55**  
**COUNTY: WILL**  
**LIMITS:**  
**JOB NO.: R-91-033-01**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1KN0003 1KN0003TE 1KN0003AC	FIRST MIDWEST BANK, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JANUARY 30, 1961, AND KNOWN AS TRUST NUMBER 77; BETH W. HIXON; DIAN K. DELEHANTY AND W. JEFFREY WUNDERLICH AS CO-TRUSTEES OF THE WILLIAM C. WUNDERLICH FAMILY TRUST DATED FEBRUARY 1, 2014, AS THEIR INTERESTS MAY APPEAR	3	
1KN0004 1KN0004TE	SENECA PETROLEUM COMPANY, INC.	6, 7	
1KN0005 1KN0005TE	NORTH STAR TRUST COMPANY, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JANUARY 22, 2008, AND KNOWN AS TRUST NUMBER 08-11156	6, 7	
1KN0006TE	NORTH STAR TRUST COMPANY, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JANUARY 22, 2008, AND KNOWN AS TRUST NUMBER 08-11145	6, 7	
1KN0007TE	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO NORTH STAR TRUST COMPANY AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JANUARY 22, 2008 AS TRUSTEE UNDER TRUST NUMBER 08-11156	6, 8	
1KN0008 1KN0008TE	LGP REALTY HOLDINGS LP, A DELAWARE LIMITED PARTNERSHIP	4, 5	
1KN0009 1KN0009TE 1KN0009AC	CHANNAHON PETROLEUM, INC.	4, 5	
1KN0010 1KN0010TE	FIRST MIDWEST BANK, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED SEPTEMBER 21, 2012, AND KNOWN AS TRUST NUMBER 8715	9, 10	
1KN0011 1KN0011TE 1KN0011AC	THE PRIVATE BANK AND TRUST COMPANY, SUCCESSOR TO FOUNDERS BANK, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED OCTOBER 21, 2004, AND KNOWN AS TRUST NUMBER 6570	10	
1KN0012	THE PRIVATEBANK AND TRUST COMPANY, AN ILLINOIS BANKING ASSOCIATION	10	
1KN0013A 1KN0013B 1KN0013TE	IVAIR MAKSUTOSKI AND SHARON M. MAKSUTOSKI, HUSBAND AND WIFE, IN JOINT TENANCY	11	
1KN0014 1KN0014TE	REVOCABLE LIVING TRUST OF KATHARINE ANDERSON RUSHING, TRUST AGREEMENT DATED JANUARY 6, 2012	11	
1KN0015A 1KN0015B 1KN0015TE-A 1KN0015TE-B	PILOT TRAVEL CENTERS LLC, A DELAWARE LIMITED LIABILITY COMPANY	12	
1KN0016 1KN0016TE	FIRST MIDWEST BANK, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED SEPTEMBER 21, 2012, AND KNOWN AS TRUST NUMBER 8715	13	
1KN0017TE	LINDA B. POLLOCK	14	
1KN0018	MARINE PROPERTIES, LLC, A NEVADA LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 1/2 INTEREST; MARY P. LEWIS AS SUCCESSOR CO-TRUSTEE AND MIDLAND STATES BANK AS SUCCESSOR CORPORATE CO-TRUSTEE OF THE HARVEY J. LEWIS TRUST DATED JANUARY 31, 1983 AS TO AN UNDIVIDED 1/4 INTEREST; AND MARY P. LEWIS, AS TRUSTEE OF THE MARY P. LEWIS TRUST DATED JANUARY 31, 1983 AS TO AN UNDIVIDED 1/4 INTEREST	15	
1KN0019TE	NORTH STAR TRUST COMPANY, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JANUARY 22, 2008, AND KNOWN AS TRUST NUMBER 08-11145	6, 8	
1KN0020	FIRST MIDWEST BANK, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED SEPTEMBER 21, 2012, AND KNOWN AS TRUST NUMBER 8715	10	



**LOCATION MAP**

LENGTH = 5241.82 FT. = 0.993 MILE



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OF THE STATE OF ILLINOIS**

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PLATS & RECORDS

SHEET NO. 1  
96 OF 225

**PART OF THE NORTHWEST AND SOUTHWEST QUARTER OF SECTION 3 AND PART OF THE NORTHEAST AND SOUTHWEST QUARTER OF SECTION 4, ALL IN TWP. 34 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.**

PROJECT COORDINATE VALUES AND BEARINGS ARE GRID AND REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 - ADJUSTMENT 2011. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997662896.

- NOTES:
1. ALL STATIONING SHOWN HEREON ARE GRID DISTANCES IN FEET.
  2. ALL OFFSETS ARE SHOWN HEREON ARE GRID DISTANCES IN FEET.
  3. ANY DISCREPANCY IN MEASUREMENT DISCOVERED UPON THE GROUND SHOULD BE PROMPTLY REPORTED TO THE SURVEYOR FOR EXPLANATION OR CORRECTION.
  4. FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON, REFER TO YOUR ABSTRACT, DEEDS, CONTRACTS AND ZONING ORDINANCES.
  5. SECTION CORNER RE-ESTABLISHED PER PLAT OF HIGHWAYS PREPARED BY RUEITIGER, TONELLI & ASSOCIATES, INC. UNDER JOB NO. 91-001-02 DATED AUGUST 22, 2002 IN CONJUNCTION WITH THE SURROUNDING SECTION MONUMENTATION FOUND AT THE TIME OF SURVEY.

**COORDINATE/STATION TABLE**  
ILLINOIS STATE PLANE EAST ZONE, NAD83 (2011)

Point	Northing	Easting	Station	Offset
1	1741862.99	1019624.35	175+57.36	0.00 R
43	1744541.13	1021244.18	24+16.75	0.00 R
96	1744489.58	1021970.51	210+97.26	0.00 R
97	1744559.47	1022060.38	212+11.11	0.00 R
98	1744578.25	1022768.41	519+25.78	0.00 R
99	1746344.98	1024556.21	24+280.35	0.00 R
202	1747205.90	1021885.91		
203	1747274.86	1024528.33		
204	1744499.32	1019340.14		
205	1744557.04	1021968.61		
206	1744627.02	1024607.71		
207	1741859.30	1019418.21		
208	1741906.35	1022043.55		
209	1741979.06	1024687.10		

**COORDINATE/STATION TABLE (PROPOSED CURVES)**  
ILLINOIS STATE PLANE EAST ZONE, NAD83 (2011)

CURVE NO.	PI STA	Northing	Easting	PC STA	Northing	Easting	PT STA	Northing	Easting	R	T	L
1	197+04.99	1743698.30	1020739.69	174+78.85	1741796.07	1019583.31	218+61.19	1744938.83	1022588.15	10109.08'	2226.14'	4382.34'
2	225+78.45	1745338.53	1023183.72	218+61.19	1744938.83	1022588.15	232+95.41	1745767.30	1023758.71	2887.22'	717.26'	1434.22'
3	234+82.38	1745879.07	1023908.59	232+95.41	1745767.30	1023758.71	236+69.28	1745983.90	1024063.41	8200.00'	186.97'	373.88'
4	239+61.99	1746147.99	1024305.79	236+69.28	1745983.90	1024063.41	242+54.44	1746328.96	1024535.85	8200.00'	292.70'	585.15'
5	8+15.95	1743456.86	1021220.87	6+82.32	1743477.66	1021352.88	9+29.87	1743550.66	1021125.67	265.00'	133.64'	247.55'
6	19+78.75	1744286.78	1020378.49	13+82.63	1743868.41	1020803.15	21+10.56	1744453.73	1020950.77	350.00'	596.13'	727.93'
7	26+78.33	1744612.73	1021495.82	23+64.07	1744524.72	1021194.13	29+62.96	1744882.55	1021656.95	800.00'	314.26'	598.89'
8	31+53.19	1745045.87	1021754.48	29+62.96	1744882.55	1021656.95	33+33.08	1745236.00	1021748.57	650.00'	190.23'	370.12'
9	8+85.92	1744978.30	1021809.36	5+90.26	1745273.81	1021800.18	11+59.32	1744740.87	1021633.18	850.00'	295.65'	569.06'
10	15+10.94	1744458.50	1021423.64	13+44.15	1744592.45	1021523.04	16+38.32	1744315.30	1021509.16	250.00'	166.79'	294.18'
11	3+74.60	1744968.80	1021981.44	0+86.04	1744730.32	1022143.90	6+47.90	1745257.17	1021971.02	1000.00'	288.56'	561.86'
12	9+24.78	1745533.87	1021961.01	6+47.90	1745257.17	1021971.02	12+01.64	1745810.26	1021944.49	23496.97'	276.88'	553.74'
13	340+06.78	1745864.26	1022954.07	337+91.89	1745690.05	1023079.90	341+87.76	1745859.91	1022739.23	410.00'	214.89'	395.86'
14	349+30.68	1745844.88	1021996.45	344+17.62	1745855.26	1022509.42	352+34.54	1746357.07	1021966.54	538.00'	513.07'	816.93'
15	601+66.86	1745797.70	1022001.22	600+01.24	1745632.30	1022009.69	603+16.75	1745924.36	1022107.93	420.00'	165.62'	315.51'
16	514+24.06	1744367.38	1022046.61	505+93.13	1743537.15	1022080.93	520+04.83	1744603.50	1022843.29	1066.26'	830.93'	1411.70'
17	523+55.97	1744703.28	1023179.96	521+04.84	1744631.91	1022939.18	526+02.49	1744849.18	1023384.37	1500.00'	251.14'	497.66'
18	8+86.28	1743904.21	1022014.20	6+62.17	1743680.24	1022021.98	11+00.42	1744102.91	1022117.86	850.00'	224.11'	438.25'
19	13+81.07	1744351.73	1022247.68	12+85.17	1744266.70	1022203.32	14+70.82	1744446.72	1022234.49	300.00'	95.90'	185.65'
20	2+08.30	1744018.61	1021719.89	1+32.78	1744085.23	1021684.33	2+83.53	1743947.40	1021745.04	1000.00'	75.52'	150.75'
21	6+12.92	1743636.81	1021854.74	4+65.04	1743776.26	1021805.49	7+58.79	1743489.14	1021862.65	1027.01'	147.89'	293.75'
22	11+09.09	1743139.34	1021881.39	7+58.79	1743489.14	1021862.65	14+59.39	1742789.68	1021902.55	100913.73'	350.30'	700.60'

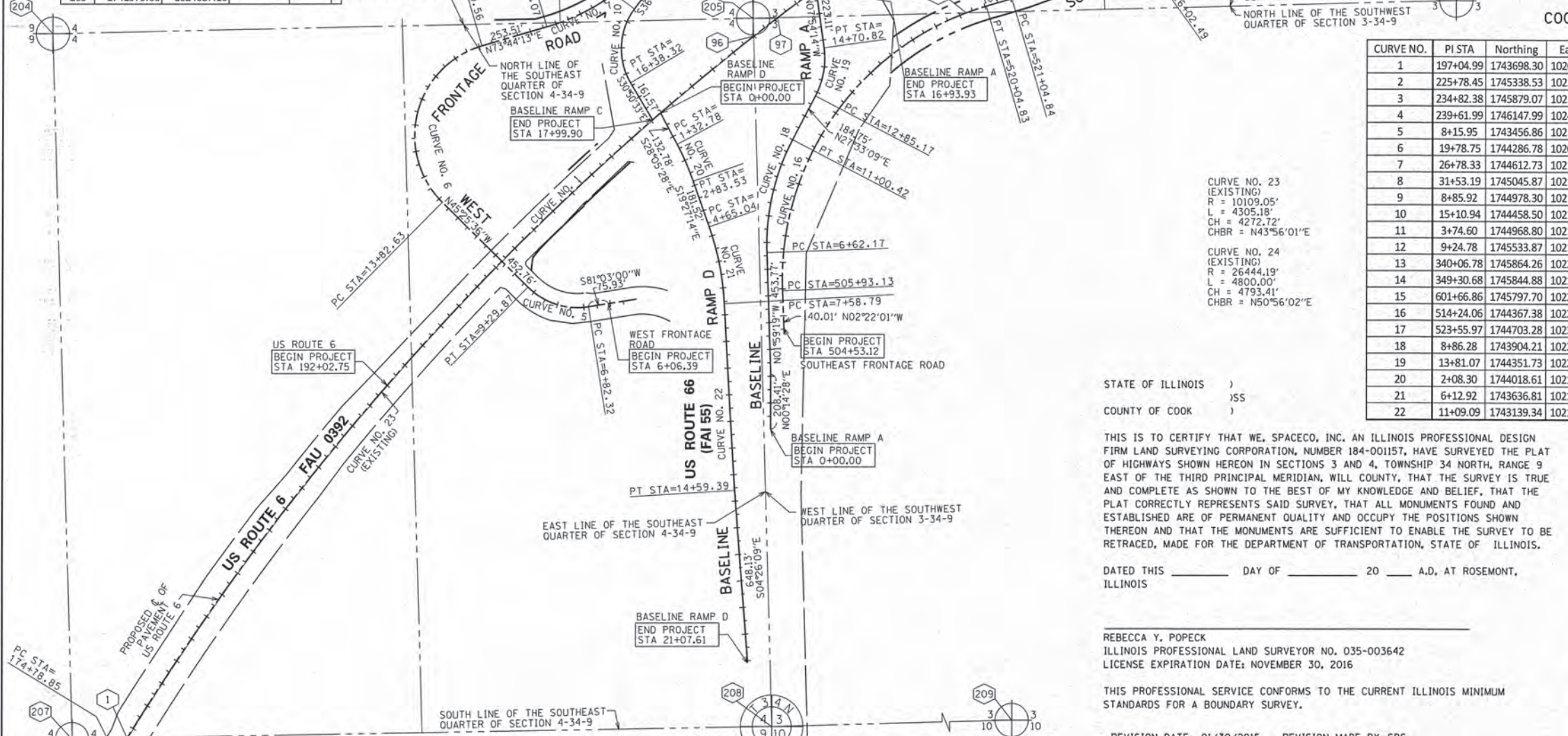
**LEGEND**

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

GRAPHIC SCALE  
0 250  
SCALE: 1" = 250'



STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, SPACECO, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3 AND 4, TOWNSHIP 34 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20 \_\_\_\_ A.D., AT ROSEMONT, ILLINOIS

REBECCA Y. POPECK  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

REVISION DATE: 01/30/2015 REVISION MADE BY: SDS  
REVISION DATE: 12/31/2014 REVISION MADE BY: RYP  
REVISION DATE: 09/08/2014 REVISION MADE BY: RYP

**SPACECO INC.**  
CONSULTING ENGINEERS  
SITE DEVELOPMENT ENGINEERS  
LAND SURVEYORS

9575 W. Higgins Road, Suite 700,  
Rosemont, Illinois 60018  
Phone: (847) 696-4060 Fax: (847) 696-4065

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 6

LIMITS: SECTION: AT INTERSTATE 55 JOB NO.: R-91-033-01  
STA. 174+78.85 TO STA. 244+44.57  
SCALE: 1" = 250' SHEET 2 OF 18 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196 SHEET NO. 97 OF 225

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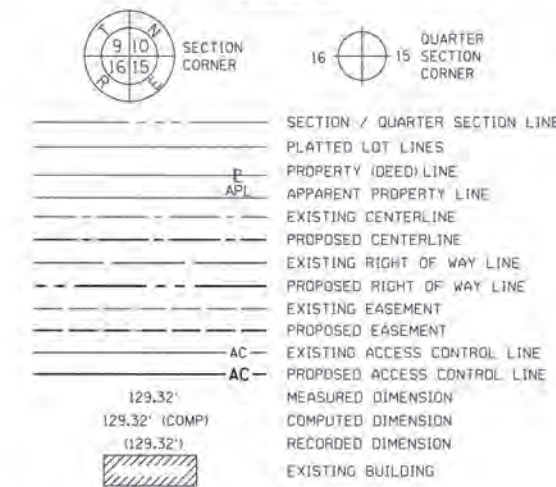
**COORDINATE/STATION TABLE**  
ILLINOIS STATE PLANE EAST ZONE, NAD83 (2011)

Point	Northing	Easting	Station	Offset
23	1743988.24	1021275.82	202+46.32	71.61
24	1743991.75	1021272.25	202+46.10	76.61
36	1744089.41	1021385.78	203+94.69	71.66
39	1744092.93	1021382.22	203+94.41	76.66
210	1744059.10	1021352.49	203+49.98	71.65

**PART OF THE SOUTHEAST QUARTER OF SECTION 4 TWP. 34 N.,  
R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.**

**LEGEND**

- ⊕ LIGHT SIGN
- ⊕ MAILBOX
- ⊕ CONC CONCRETE
- ⊕ EDGE OF PAVEMENT
- ⊕ IRON PIPE
- ⊕ IRON ROD



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- ⊕ IRON PIPE OR ROD FOUND
- ⊕ \*MAG\* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
                                  )SS  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, SPACECO, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3 AND 4, TOWNSHIP 34 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_ A.D. AT ROSEMONT, ILLINOIS

REBECCA Y. POPECK  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PROJECT COORDINATE VALUES AND BEARINGS ARE GRID AND REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 - ADJUSTMENT 2011, TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997662896.

- NOTES:**
1. ALL STATIONING SHOWN HEREON ARE GRID DISTANCES IN FEET.
  2. ALL OFFSETS ARE SHOWN HEREON ARE GRID DISTANCES IN FEET.
  3. ANY DISCREPANCY IN MEASUREMENT DISCOVERED UPON THE GROUND SHOULD BE PROMPTLY REPORTED TO THE SURVEYOR FOR EXPLANATION OR CORRECTION.
  4. FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON, REFER TO YOUR ABSTRACT, DEEDS, CONTRACTS AND ZONING ORDINANCES.

**CURVE NO. 1 (PROPOSED)**  
PI STA = 197+04.99  
R = 10109.08'  
T = 2226.14'  
L = 4382.34'  
PC STA = 174+78.85  
PT STA = 218+61.19

**CURVE NO. 2 (EXISTING)**  
R = 10109.05'  
L = 4305.18'  
CH = 4272.72'  
CHBR = N43°56'01"E

**CURVE NO. 3 (PROPOSED)**  
PI STA = 19+78.75  
R = 350.00'  
T = 596.13'  
L = 727.93'  
PC STA = 13+82.63  
PT STA = 21+10.56

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
IKN0003 IKN0003TE	0.268	0.048	0	0.220	0.017		04-10-04-400-004

- REVISION DATE: 01/13/2015 REVISION MADE BY: RYP
- REVISION DATE: 12/31/2014 REVISION MADE BY: RYP
- REVISION DATE: 09/22/2014 REVISION MADE BY: RYP
- REVISION DATE: 09/08/2014 REVISION MADE BY: RYP
- REVISION DATE: 07/22/2014 REVISION MADE BY: JMS
- REVISION DATE: 01/27/2014 REVISION MADE BY: RYP
- REVISION DATE: 01/13/2014 REVISION MADE BY: SDS

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**SPACECO, INC.**  
**CONSULTING ENGINEERS**  
**SITE DEVELOPMENT ENGINEERS**  
**LAND SURVEYORS**  
9575 W. Higgins Road, Suite 700,  
Rosemont, Illinois 60018  
Phone: (847) 696-4060 Fax: (847) 696-4065

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 6**

LIMITS: COUNTY: WILL  
SECTION: AT INTERSTATE 55 JOB NO.: R-91-033-01  
STA. 197+22.88 TO STA. 205+00  
SCALE: 1" = 40' SHEET 3 OF 18 SHEETS

**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**

SHEET NO. 3  
98 OF 225

**PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 4 TWP. 34 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.**

CURVE NO. 1  
(PROPOSED)  
PI STA = 197+04.99  
R = 10109.08'  
T = 2226.14'  
L = 4382.34'  
PC STA = 174+78.85  
PT STA = 218+61.19

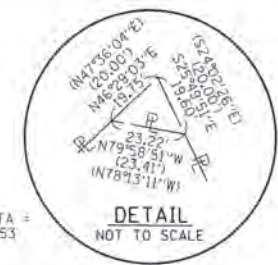
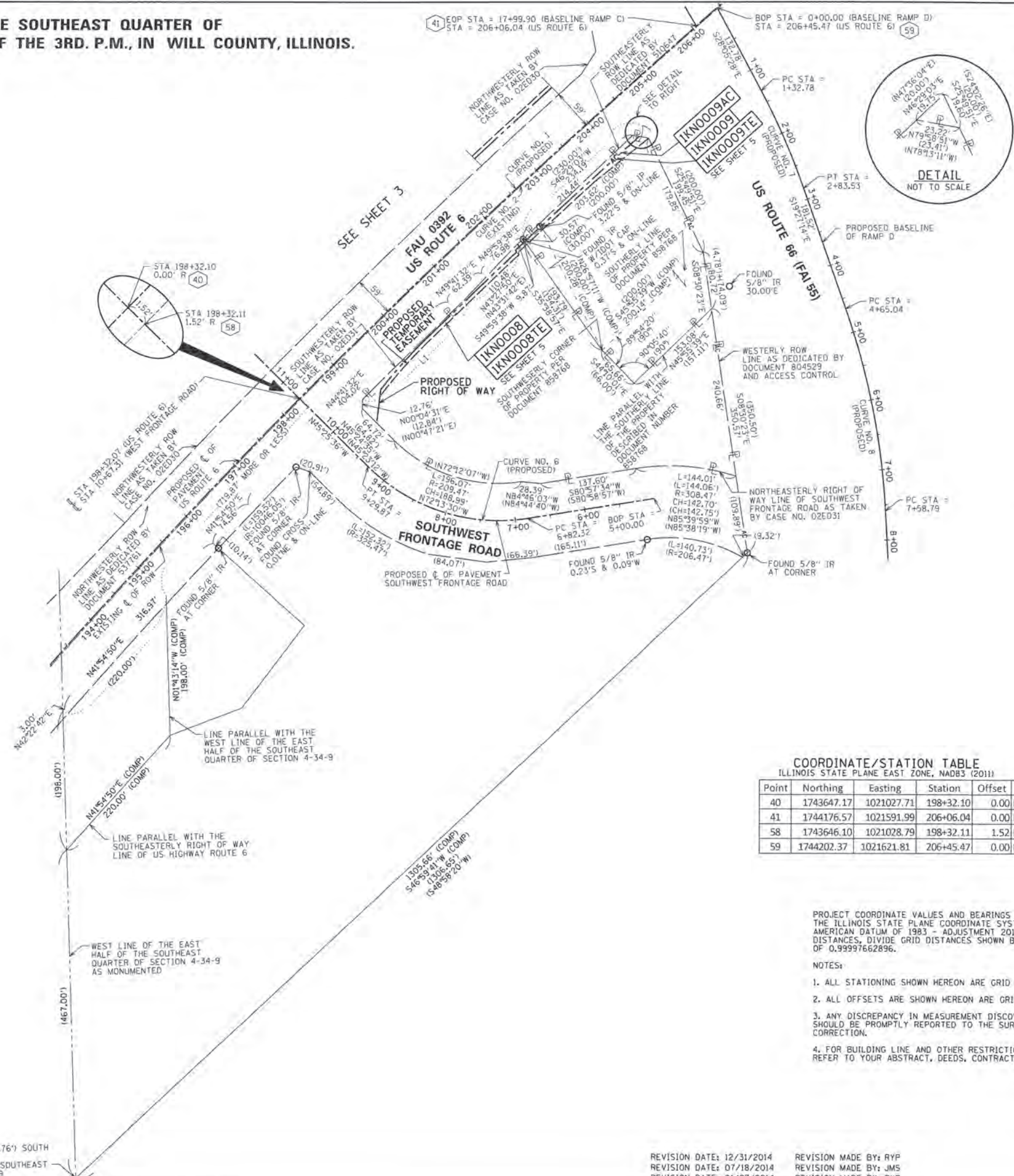
CURVE NO. 2  
(EXISTING)  
R = 10109.05'  
L = 4305.18'  
CH = 4272.72'  
CHBR = N43°56'01"E

CURVE NO. 6  
(PROPOSED)  
PI STA = 8+15.95  
R = 265.00'  
T = 133.64'  
L = 247.55'  
PC STA = 6+82.32  
PT STA = 9+29.87

CURVE NO. 7  
(PROPOSED)  
PI STA = 2+08.30  
R = 1000.00'  
T = 75.52'  
L = 150.75'  
PC STA = 1+32.78  
PT STA = 2+83.53

CURVE NO. 8  
(PROPOSED)  
PI STA = 6+12.92  
R = 1027.01'  
T = 147.89'  
L = 293.75'  
PC STA = 4+65.04  
PT STA = 7+58.79

LI  
L=202.67'  
R=10045.92'  
CH=202.66'  
N45°32'45"E  
IL=202.54'  
IR=10046.05'  
IC=202.54'  
IN45°32'46"E



**LEGEND**

SECTION CORNER: 9, 10, 15, 16

QUARTER CORNER: 15, 16

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION: 129.32'

COMPUTED DIMENSION: 129.32' (COMP)

RECORDED DIMENSION: (129.32')

EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

○ IRON PIPE OR ROD FOUND

⊕ MAGNAIL SET

+ CUT CROSS FOUND OR SET

● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
                          )SS  
COUNTY OF COOK   )

THIS IS TO CERTIFY THAT WE, SPACECO, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-00157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3 AND 4, TOWNSHIP 34 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT DUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

**COORDINATE/STATION TABLE**  
ILLINOIS STATE PLANE EAST ZONE, NAD83 (2011)

Point	Northing	Easting	Station	Offset
40	1743647.17	1021027.71	198+32.10	0.00 R
41	1744176.57	1021591.99	206+06.04	0.00 R
58	1743646.10	1021028.79	198+32.11	1.52 R
59	1744202.37	1021621.81	206+45.47	0.00 R

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20 \_\_\_\_ A.D. AT ROSEMONT, ILLINOIS

REBECCA Y. POPECK  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PROJECT COORDINATE VALUES AND BEARINGS ARE GRID AND REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 - ADJUSTMENT 2011. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997662896.

NOTES:

- ALL STATIONING SHOWN HEREON ARE GRID DISTANCES IN FEET.
- ALL OFFSETS ARE SHOWN HEREON ARE GRID DISTANCES IN FEET.
- ANY DISCREPANCY IN MEASUREMENT DISCOVERED UPON THE GROUND SHOULD BE PROMPTLY REPORTED TO THE SURVEYOR FOR EXPLANATION OR CORRECTION.
- FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON, REFER TO YOUR ABSTRACT, DEEDS, CONTRACTS AND ZONING ORDINANCES.

**DOT USE ONLY**

RECEIVED  
DEC 3 1 2014  
PLATS & L.C.

LIMITS:  
SECTION: AT INTERSTATE 55  
STA. 193+35.38  
SCALE: 1" = 80'

COUNTY: WILL  
JOB NO.: R-91-033-01  
TO STA. 206+45.47  
SHEET 4 OF 18 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

SHEET NO. 4  
99 OF 225

POINT 1990.30' (COMP) (1831.76') SOUTH OF THE NORTHWEST CORNER OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 4-34-9

REVISION DATE: 12/31/2014  
REVISION DATE: 07/18/2014  
REVISION DATE: 01/27/2014

REVISION MADE BY: RYP  
REVISION MADE BY: JMS  
REVISION MADE BY: RYP



**PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 4 TWP. 34 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.**

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
IKN0008	2.427	0.043	0	2.384	0.034		04-10-04-400-024
IKN0008BTE							
IKN0009	1.213	0.027	0	1.186	0.032		04-10-04-400-020
IKN0009TE							

**COORDINATE/STATION TABLE**  
ILLINOIS STATE PLANE EAST ZONE, NAD83 (2011)

Point	Northing	Easting	Station	Offset	
40	1743647.17	1021027.71	198+32.10	0.00	R
58	1743646.10	1021028.79	198+32.11	1.52	R
61	1743612.63	1021137.73	9+64.77	52.61	R
62	1743660.14	1021143.32	199+23.21	72.75	R
63	1743734.37	1021209.71	200+23.29	66.46	R
64	1743855.87	1021336.41	202+00.00	66.40	R
65	1743858.05	1021334.35	202+00.00	63.40	R
66	1743870.75	1021347.85	202+18.65	63.40	R
67	1743866.65	1021350.79	202+17.98	68.40	R
68	1743854.41	1021337.78	202+00.00	68.40	R
69	1743852.23	1021339.84	202+00.00	71.40	R
70	1743730.79	1021213.20	200+23.30	71.46	R
71	1743650.47	1021142.18	199+15.53	78.80	R
72	1744020.05	1021510.42	204+40.77	63.33	R
73	1744017.68	1021523.84	204+49.24	74.05	R
74	1743955.58	1021446.96	203+50.00	68.35	R
211	1743959.48	1021443.60	203+50.02	63.35	R

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE  
PLATTED LOT LINES  
PROPERTY (DEED) LINE  
APPARENT PROPERTY LINE  
EXISTING CENTERLINE  
PROPOSED CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
EXISTING EASEMENT  
PROPOSED EASEMENT  
EXISTING ACCESS CONTROL LINE  
PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORDED DIMENSION  
EXISTING BUILDING

LIGHT (LP)  
UNIDENTIFIED MANHOLE  
SIGN  
CONC CONCRETE  
IP IRON PIPE  
IR IRON ROD  
XL CORNER OF CONCRETE

GRAPHIC SCALE  
FEET  
SCALE: 1" = 40'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT WE, SPACECO, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001157, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3 AND 4, TOWNSHIP 34 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20 \_\_\_\_ A.D. AT ROSEMONT, ILLINOIS

REBECCA Y. POPECK  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003642  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**CONSULTING ENGINEERS**  
**SITE DEVELOPMENT ENGINEERS**  
**LAND SURVEYORS**

9575 W. Higgins Road, Suite 700,  
Rosemont, Illinois 60018  
Phone: (847) 696-4060 Fax: (847) 696-4065

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 6**

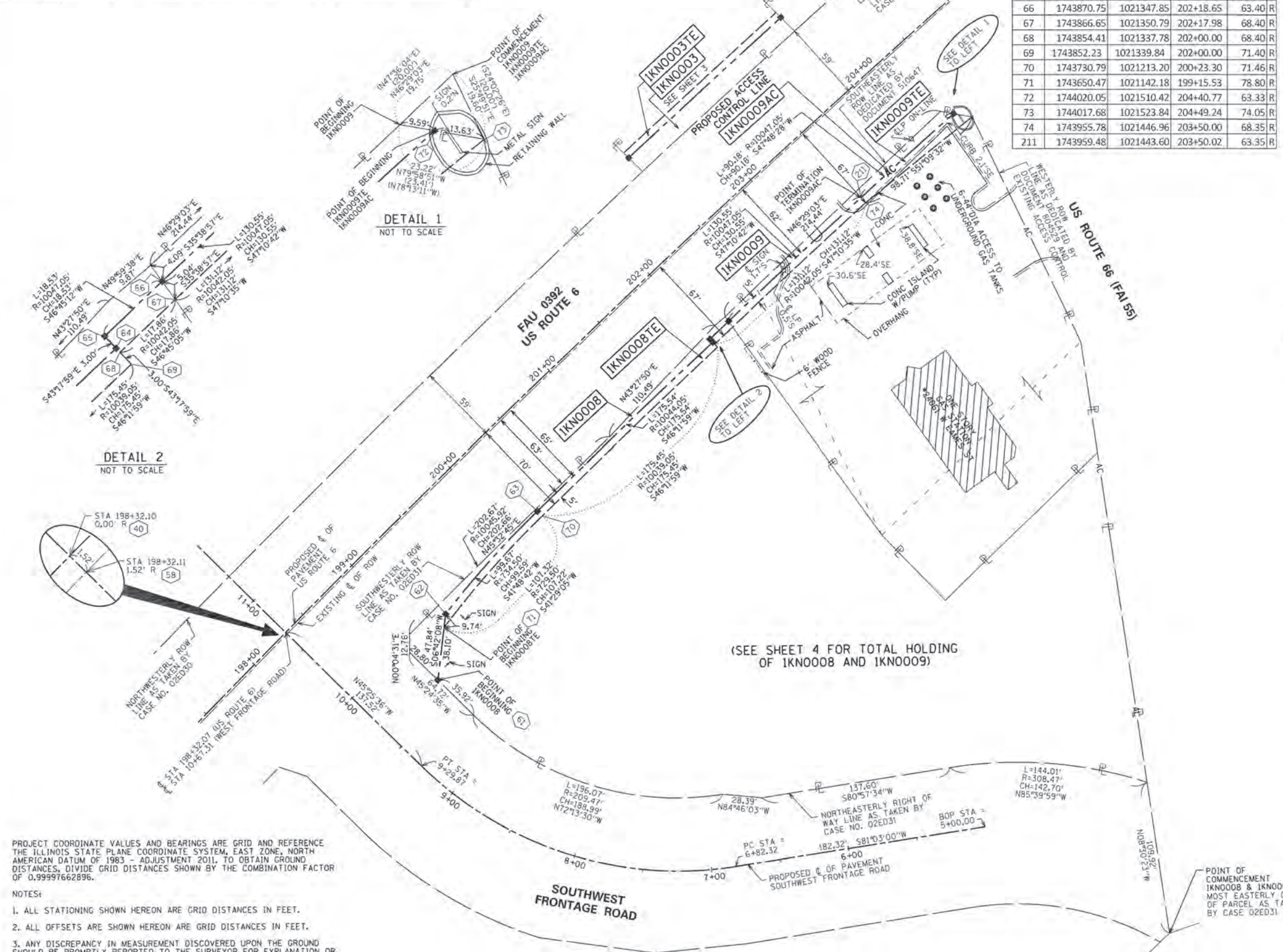
LIMITS: SECTION: AT INTERSTATE 55 TO STA. 198+32.07  
JOB NO.: R-91-033-01 TO STA. 204+49.24  
SCALE: 1" = 40' SHEET 5 OF 18 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

SHEET NO. 100 OF 225

**IDOT USE ONLY**  
RECEIVED  
DEC 31 2014  
PLATS & LE

REVISION DATE: 12/31/2014 REVISION MADE BY: RYP  
REVISION DATE: 07/18/2014 REVISION MADE BY: JMS  
REVISION DATE: 01/27/2014 REVISION MADE BY: RYP



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