11-21-14 LETTING ITEM 135

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	1
	ILLINOIS	CONTRACT NO. 74423		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

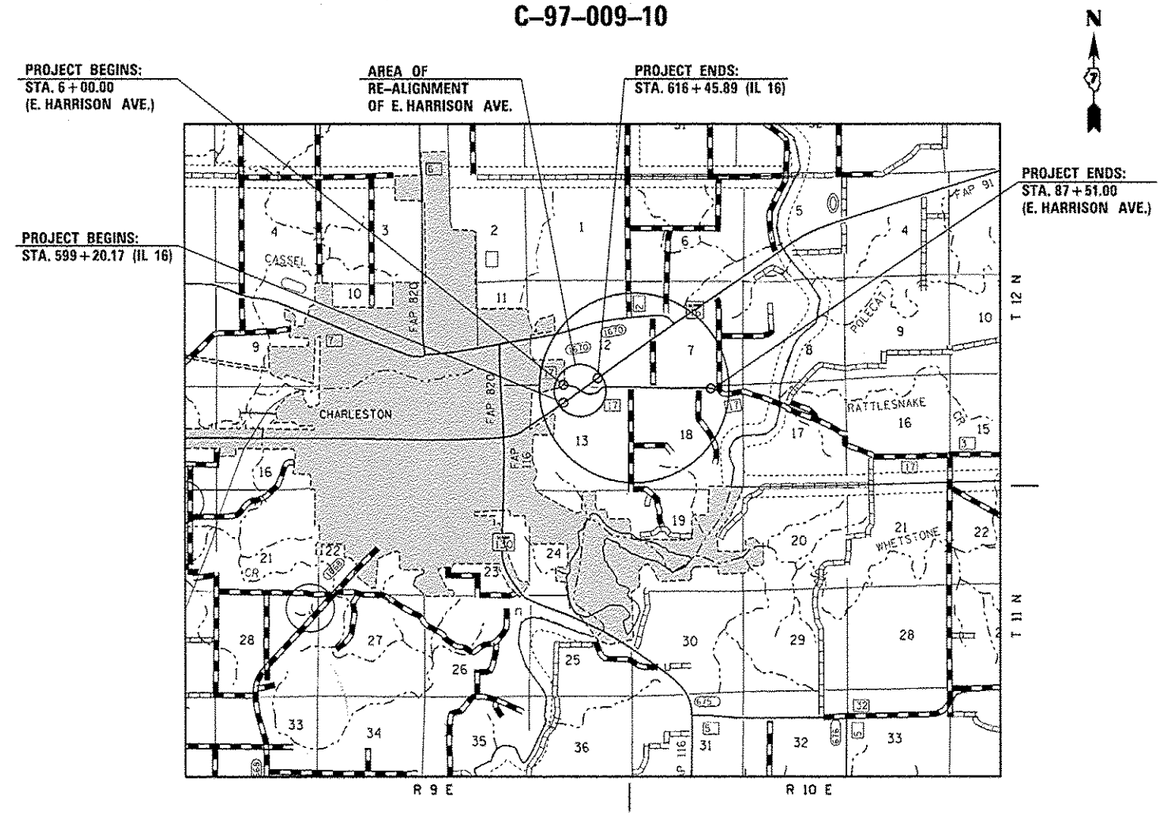
F.A.P. ROUTE 91 (IL. RTE. 16)
SECTION 5N
PROJECT: ACNHPP-ACHSIP-0091(073)
INTERSECTION
COLES COUNTY
C-97-009-10

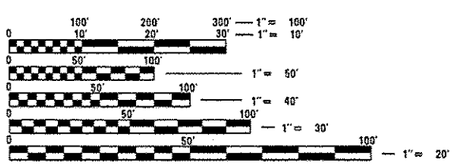
D-97-002-10

LOCATION OF SECTION INDICATED THUS:-

STATION EQUATIONS:
STA. 6+00.00 = STA. 20+00.00
STA. 27+51.69 (E. HARRISON AVE. [A]) = STA. 607+50.00 (IL 16)
STA. 31+53.28 (E. HARRISON AVE. [A]) = STA. 50+00.00 (E. HARRISON AVE. [B])
STA. 60+83.06 (E. HARRISON AVE. [B]) = STA. 0+00.00 (CONNECTOR ROAD)
STA. 2+54.12 (CONNECTOR ROAD) = STA. 22+29.49 (OLD E. HARRISON AVE.)
STA. 72+84.18 (E. HARRISON AVE. [B]) = STA. 35+30.22 (OLD E. HARRISON AVE.)

ADT = 5050 (IL 16)





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

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

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: JEFF DAVISON
PHONE: (217)-342-8320

CONTRACT NO. 74423

GROSS LENGTH = 13,610.10 FT. = 2.578 MILES
NET LENGTH = 13,610.10 FT. = 2.578 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 08 20 14
Roger L Driskell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 27 20 14
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
June 27 20 14
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2-3	INDEX OF SHEETS/LIST OF STANDARDS/GENERAL NOTES
4-9	SUMMARY OF QUANTITIES
10-19	TYPICAL SECTIONS
20-35	SCHEDULE OF QUANTITIES
36-37	ALIGNMENT AND TIES
38-71	PLAN AND PROFILE SHEETS
72-90	EROSION CONTROL AND SEEDING SHEETS
91	RIGHT-OF-WAY SHEET
92	INTERSECTION DETAIL
93-102	STRIPING PLANS
103-117	SIGNING PLANS
118	SOIL BORING LOG
119	CULVERT END SECTION DETAIL
120-128	DISTRICT DETAILS
129-271	CROSS SECTIONS

LIST OF STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDERS ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS. 2L. 2W. MORE THAN 15' (4.5m) AWAY
701006-05	OFF-ROAD OOPERATIONS, 2L. 2W. 15'(4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD OPERATIONS, 2L. 2W. DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREA IN SERIES, FOR SPEEDS > 45 MPH
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAIL
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP 91 (IL RTE 16) AND E. HARRISON AVE. (UNMARKED) IN COLES COUNTY, FROM STATION 599+20.17 TO STATION 616+45.89 ON IL 16 AND FROM STATION 6+00.00 TO STATION 87+54.00 ON E. HARRISON AVE. THE PROJECT LENGTH IS 2.6 MILES. THE WORK IN SECTION 5N INCLUDES NEW EMBANKMENT, PAVEMENT, BASE COURSE, BASE COURSE WIDENING, PAVEMENT PATCHING, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT AND AGGREGATE SHOULDERS, CONSTRUCTION OF NEW CULVERTS, NEW SIGNING, PAVEMENT MARKING AS WELL AS ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE. BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS AND PAINT SHALL BE USED ON MILLED SUFACES.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE. THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST PER SQUARE YARD SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

IN ADDITION TO THE REQUIREMENTS FOR PORTABLE CHANGEABLE MESSAGE SIGNS IN ARTICLE 701.15(I), A LAPTOP COMPUTER SHALL ALSO BE SUPPLIED BY THE CONTRACTOR.

THE CONTRACTOR SHALL USE EITHER RC-70, SS1H, OR SS-1HP, APPLIED AT THE RATE DIRECTED BY THE ENGINEER, FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

ALL ELEVATION SHOWN IN THE PLANS ARE BASED ON U.S.G.S. DATUM

APPROXIMATE FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123

EXISTING FIELD DRAINS AT LOCATIONS WITH DITCH DRAINAGE SHALL BE CUTT-OFF FLUSH WITH THE PROPOSED DITCH BACKSLOPE OR AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ESTIMATED QUANTITIES OF PIPE DRAINS, 4", 6" AND 12" HAVE BEEN INCLUDED FOR ANY FIELD DRAINS THAT REQUIRE TO BE EXTENDED. THE CONNECTION OF THE EXISTING PIPE DRAIN TO THE PROPOSED PIPE DRAIN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PIPE DRAINS OF THE SIZE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKING OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-1234

GENERAL NOTES (Cont'd)

TREES SHALL BE PRESERVED THOUGHOUT THIS PROJECT AS DIRECTED BY THE ENGINEER.

TREES TO BE PLANTED FOR THIS PROJECT SHALL BE DELIVERED TO THE EFFINGHAM WEST MAINTENANCE YARD LOCATED ON US 40, WEST OF EFFINGHAM. ALL TRESS WILL BE PLANTED OFFSITE BY MAINTENANCE PERSONNEL. EXCEPT AS SHOWN IN THE PLANS, THE CONTRACTOR WILL BE REQUIRED TO DELIVER THE REQUESTED TREES WITHIN 30 DAYS OF THE DATE THEY ARE REQUESTED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL CONTACT PAUL NOSBISCH, (217) 342-8281, OF THE ANTICIPATED DELIVERY DATE OF THE TREES. THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN SHALL INSPECT ALL TREES WITHIN 48 HOURS AFTER THEY ARE DELIVERED TO THE EFFINGHAM WEST YARD. THE DISTRICT 7 ROADSIDE TECHNICIAN SHALL NOTIFY THE CONTRACTOR, IN WRITING, WITHIN 24 HOURS AFTER COMPLETING INSPECTION OF THE TREES, AS TO ACCEPTANCE OF THE TREES. UPON RECIEVING WRITTEN ACCEPTANCE FROM THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN, THE CONTRACTOR IS RELIEVED OF ALL RESPONSIBILITY AND CLAIMS RELATING TO THE TREES DELIVERED.

TREES TO BE PLANTED ONSITE BY THE CONTRACTOR ARE AS FOLLOWS:

PARCEL 7105200, BETTE ARLENE COLLINS TRUST:
ONE (1) EVERGREEN, PINUS STROBUS, (EASTERN WHITE PINE), 6' B&B

PARCEL 7105205, CHRISTOPHER J. LUTZ:
SIX (6) TREES TO BE DETERMINED

RIGHT-OF -WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKERS ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKER WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

THE MATERIAL USED FOR THE SUBBASE GRANULAR MATERIAL, TYPE B 12" SHALL BE A CRUSHED MATERIAL.

THERE IS AN URBAN RURAL SPLIT IN THIS PROJECT, THE BREAK DOWN IS AS FOLLOWS:

FAP 91 (IL 16) STA. 599+20.17 TO STA. 616+45.89 (URBAN)
E. HARRISON AVE. (A) STA. 20+00.00 TO STA. 34+00.00 (URBAN)
E. HARRISON AVE. (B) STA. 50+00.00 TO STA. 72+25.00 (URBAN)
CONNECTOR RD. STA. 0+00.00 TO STA. 2+54.12 (URBAN)
EXISTING E. HARRISON AVE. STA. 6+00.00 TO STA. 41+36.00 (URBAN)
EXISTING E. HARRISON AVE. STA. 41+36.00 TO STA. 87+50.00 (RURAL)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE AND RE-ERECTION OF EXISTING SIGNS TO BE RE-USED ON THIS PROJECT. IF THE SIGNS ARE DAMAGED DURING REMOVAL, STORAGE OR RE-INSTALLATION PROCEDURES THEY WILL BE REPLACED BY THE CONTRACTOR AT HIS COST. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FLASHING BEACONS AND FLASHING LED STOP SIGNS LOCATED AT THE EXISTING INTERSECTION OF FAP 91 (IL 16) AND E. HARRISON AVE. SHALL BE DELIVERED TO THE DISTRICT 7 SIGN SHOP WHEN REMOVED.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

SURFACE COURSE (1 1/2")-IL 16
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE D

SURFACE COURSE (2")-E. HARRISON AVE. (A)
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

SURFACE COURSE (2")-E. HARRISON AVE (B) & CONNECTOR RD.
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

SURFACE COURSE (1 1/2")-EXIST. E. HARRISON AVE.
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE C

BINDER COURSE (5 3/4")-E. HARRISON AVE. (A)
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

BINDER COURSE (5 3/4")-E. HARRISON AVE (B) & CONNECTOR RD.
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

BASE COURSE (8 3/4")-IL 16 (TURN LANE)
APPLICATION: HOT-MIX ASPHALT BASE COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

HOT-MIX ASPHALT SHOULDERS (8")-IL 16 (1ST LIFT OF 6")
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N30, IL-19.0L
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
MIXTURE COMPOSITION: IL-19.0L
FRICTION AGGREGATE: NA

HOT-MIX ASPHALT SHOULDERS (8")-IL 16 (TOP LIFT OF 2")
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
MIXTURE COMPOSITION: IL-9.5L
FRICTION AGGREGATE: MIXTURE C

CLASS D PATCHES (14")-IL 16
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

ACHSIP ACNHPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
				L83EL	M001C	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	422	422		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	122	122		
20200100	EARTH EXCAVATION	CU YD	18515	18515		
20400800	FURNISHED EXCAVATION	CU YD	3076	3076		
20800150	TRENCH BACKFILL	CU YD	100	100		
21400100	GRADING AND SHAPING DITCHES	FOOT	460	460		
* 25000200	SEEDING, CLASS 2	ACRE	8	8		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	714	714		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	714	714		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	714	714		
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	13	13		
* 25100115	MULCH, METHOD 2	ACRE	8	8		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	793	793		
28000305	TEMPORARY DITCH CHECKS	FOOT	1484	1484		

ACHSIP ACNHPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
				L83EL	M001C	
28000400	PERIMETER EROSION BARRIER	FOOT	9261	9261		
28000500	INLET AND PIPE PROTECTION	EACH	7	7		
28100207	STONE RIPRAP, CLASS A4	TON	1557	1557		
28200200	FILTER FABRIC	SQ YD	1947	1947		
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	15098	15098		
30201500	LIME	TON	380	380		
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	1869	1869		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	191	191		
35501319	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	SQ YD	5592	5592		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	240	126	114	
~~40600895~~	~~CONSTRUCTING TEST STRIP~~	~~EACH~~	~~1~~	~~1~~		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	479	246	233	
40600990	TEMPORARY RAMP	SQ YD	54	41	13	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2168	2168		

* SPECIALTY ITEMS

13

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-sqq.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	4
	PLOT SCALE = 100.2000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/19/2014	DATE -	REVISED -		SCALE: NA / SHEET 1 OF 6 SHEETS / STA. TO STA.			ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN (ACHSIP 90/10 FED/ST)	0005 RURAL (ACNHPP 80/20 FED/ST)	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	987	987		
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1754	878	876	
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	580	580		
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	757	757		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	163	63	100	
44000100	PAVEMENT REMOVAL	SQ YD	4114	4114		
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	6758	6758		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	424	424		
44004250	PAVED SHOULDER REMOVAL	SQ YD	502	502		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	504	504		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1479	1479		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	301	38	263	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1067	1067		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN (ACHSIP 90/10 FED/ST)	0005 RURAL (ACNHPP 80/20 FED/ST)	
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4		
50105220	PIPE CULVERT REMOVAL	FOOT	215	215		
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2		
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2		
54010602	PRECAST CONCRETE BOX CULVERTS 6' X 2'	FOOT	82	82		
54011003	PRECAST CONCRETE BOX CULVERTS 10' X 3'	FOOT	74	74		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	8	8		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4		
54215550	METAL END SECTIONS 15"	EACH	10	10		
54215553	METAL END SECTIONS 18"	EACH	4	4		
54215565	METAL END SECTIONS 30"	EACH	2	2		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	146	146		
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	79	79		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN (ACHSIP 90/10 FED/ST)	0005 RURAL (ACNHPP 80/20 FED/ST)	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	75.5	75.5		
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	132.5	132.5		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	102	102		
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	50.5	50.5		
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	45.5	45.5		
60100905	PIPE DRAINS 4"	FOOT	50	50		
60100915	PIPE DRAINS 6"	FOOT	50	50		
60100945	PIPE DRAINS 12"	FOOT	110	110		
60500050	REMOVING CATCH BASINS	EACH	2	2		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	474	474		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	45	45		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	16	16		
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	3	3		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN (ACHSIP 90/10 FED/ST)	0005 RURAL (ACNHPP 80/20 FED/ST)	
66700405	PERMANENT SURVEY MARKERS, TYPE III	EACH	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	15	15		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
~~70100600~~	~~TRAFFIC CONTROL AND PROTECTION, STANDARD 701336~~	~~L SUM~~	~~1~~	~~1~~		
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5630	4707	923	

ACHSIP ACN HPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	301	301		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19688	18534	1154	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1402	1402		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	297	297		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	767	767		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	119	119		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	10442	9750	692	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	190	190		
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	50	50		
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1		
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2		
* 72500300	OBJECT MARKER - TYPE 3	EACH	2	2		

ACHSIP ACN HPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	514	514		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	301	301		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16471	16471		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1402	1402		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	297	297		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	767	767		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	83	83		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3217	2063	1154	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	36	36		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	231	231		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1224	1224		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	42	42		
* 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	2	2		

* SPECIALTY ITEMS

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-soq.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 5/19/2014	DATE -	REVISED -		SCALE: NA SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	7
		CONTRACT NO. 74423		
		ILLINOIS FED. AID PROJECT		

ACHSIP ACNHPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
B2001167	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 8' HEIGHT, BALLED AND BURLAPPED	EACH	9	9		
D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	9	9		
X0327301	RELOCATE EXISTING MAILBOX	EACH	4	4		
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4		
X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1		
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1		

* SPECIALTY ITEMS

ACHSIP ACNHPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6885	4539	2346	
X4402805	ISLAND REMOVAL	SQ FT	170	170		
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	961	961		
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	3	3		
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	254	254		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
X7200052	REMOVE, STORE AND RE-ERECT SIGN PANEL	SQ FT	49	49		
X7240200	REMOVE SIGN PANEL ASSEMBLY - TYPE B (SPECIAL)	EACH	2	2		
X7250004	OBJECT MARKER - TYPE 4	EACH	2	2		
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	301	301		
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	16471	16471		
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1402	1402		
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	296	296		

ACHSIP ACN HPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	767	767		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	83	83		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	25	23	2	
Z0070202	SURVEY MARKER VAULT	EACH	3	3		
ϕ Z0076600	TRAINEES	HOUR	500	500		
ϕ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		

ACHSIP ACN HPP
90/10 FED/ST 80/20 FED/ST

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021 URBAN	0005 RURAL	

ϕ 0042

FILE NAME = o:\pw_work\pwidot\staffenmk\d0158776\D774423-sht-soq.dgn	USER NAME = staffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 120.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/19/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA | SHEET 6 OF 6 SHEETS | STA. TO STA.

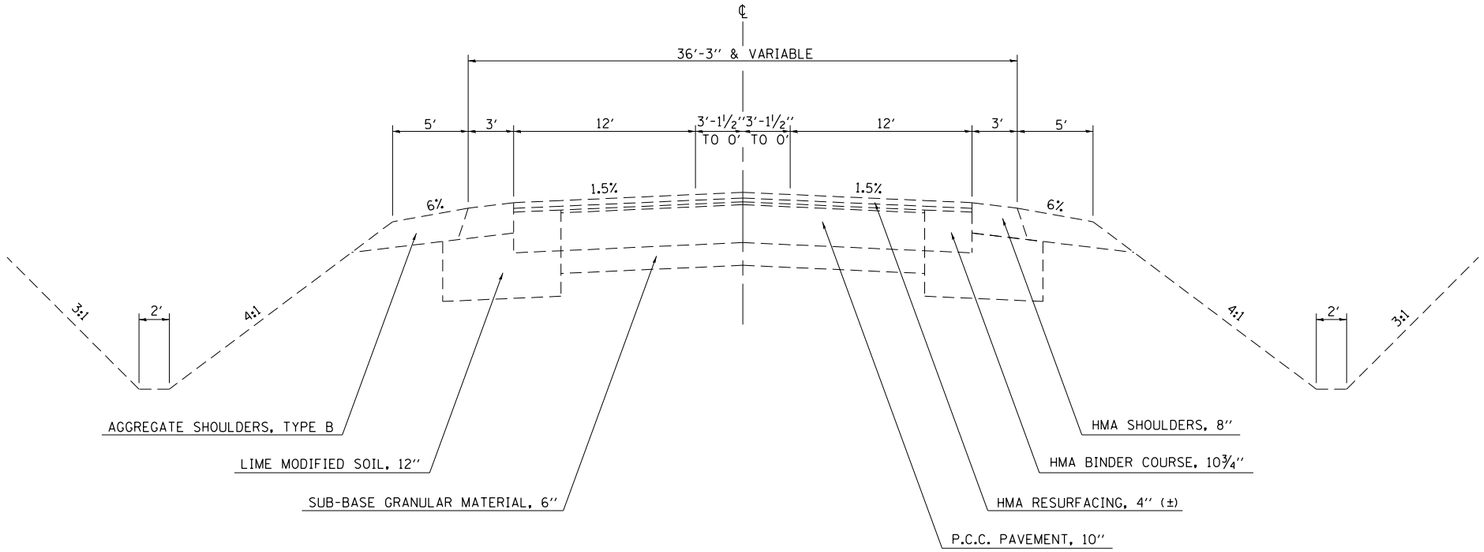
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	9

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

EXISTING TYPICAL CROSS SECTION

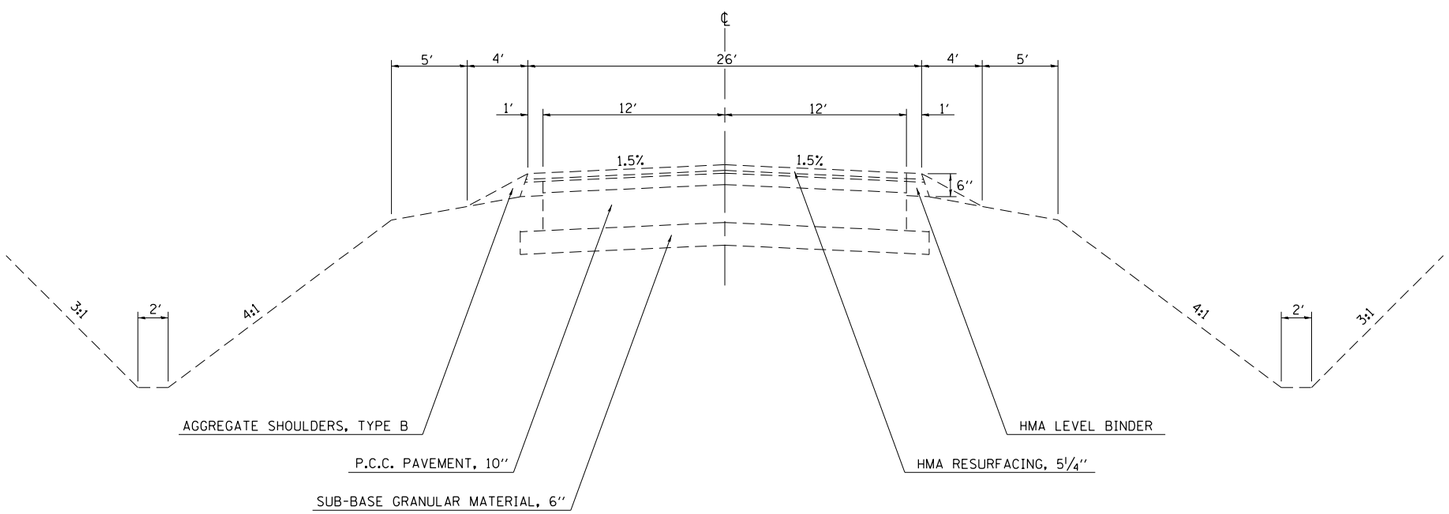
IL 16 (599+20.17 TO 601+49.45)



NOTE: NOT DRAWN TO SCALE

EXISTING TYPICAL CROSS SECTION

IL 16 (601+49.45 TO 616+45.89)

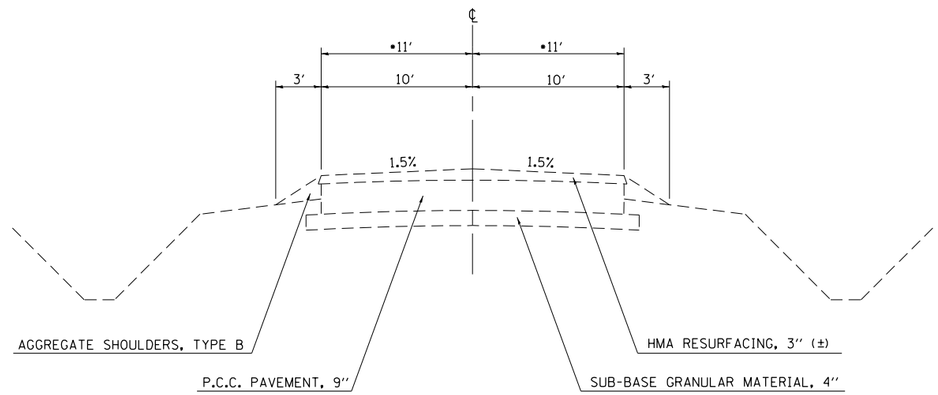


NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	10
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA / SHEET 1 OF 10 SHEETS / STA. TO STA.	ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

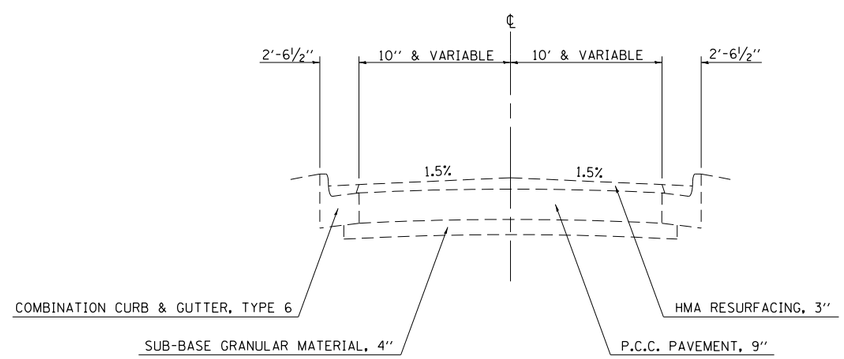
E. Harrison Ave.
6+00.00 TO 13+40.12
15+80.61 TO 30+43.00



NOTE: NOT DRAWN TO SCALE

EXISTING TYPICAL CROSS SECTION

E. Harrison Ave. at IL 16
13+40.12 TO 14+45.66
14+72.86 TO 15+80.61

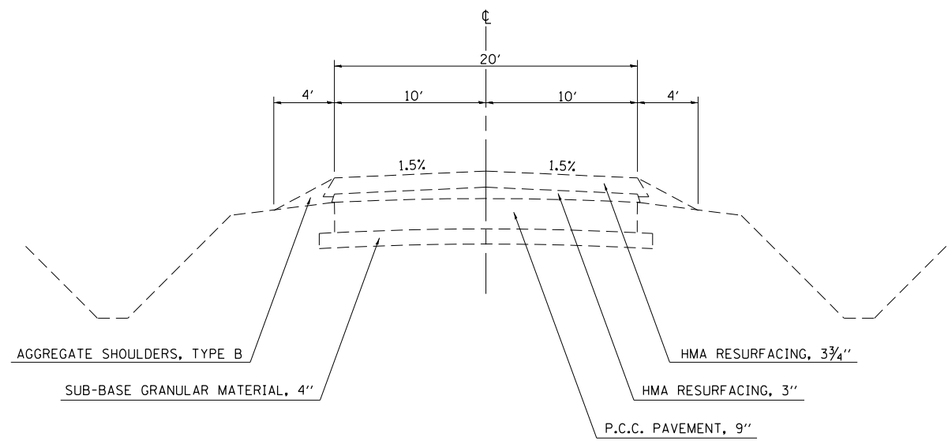


NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	11
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA / SHEET 2 OF 10 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT		

EXISTING TYPICAL CROSS SECTION

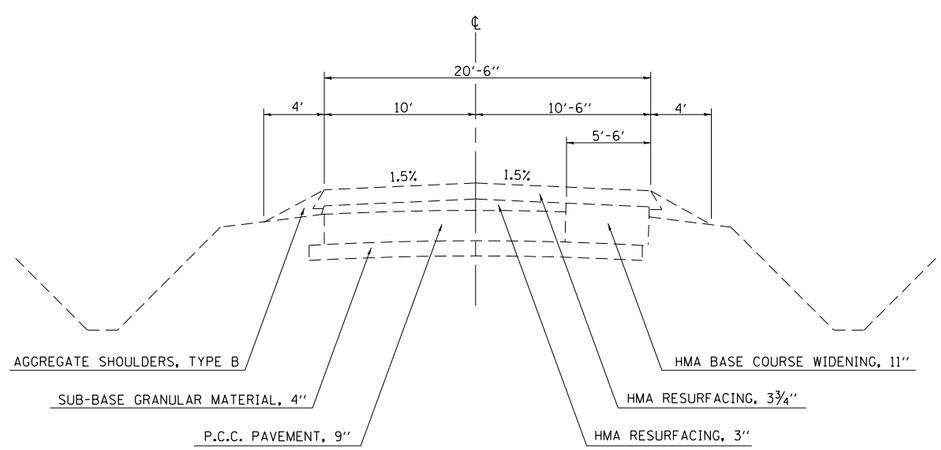
E. Harrison Ave. (30+43 TO 76+95)
E. Harrison Ave. (87+07 TO 87+51)



NOTE: NOT DRAWN TO SCALE

EXISTING TYPICAL CROSS SECTION

E. Harrison Ave. (76+95 TO 87+07)

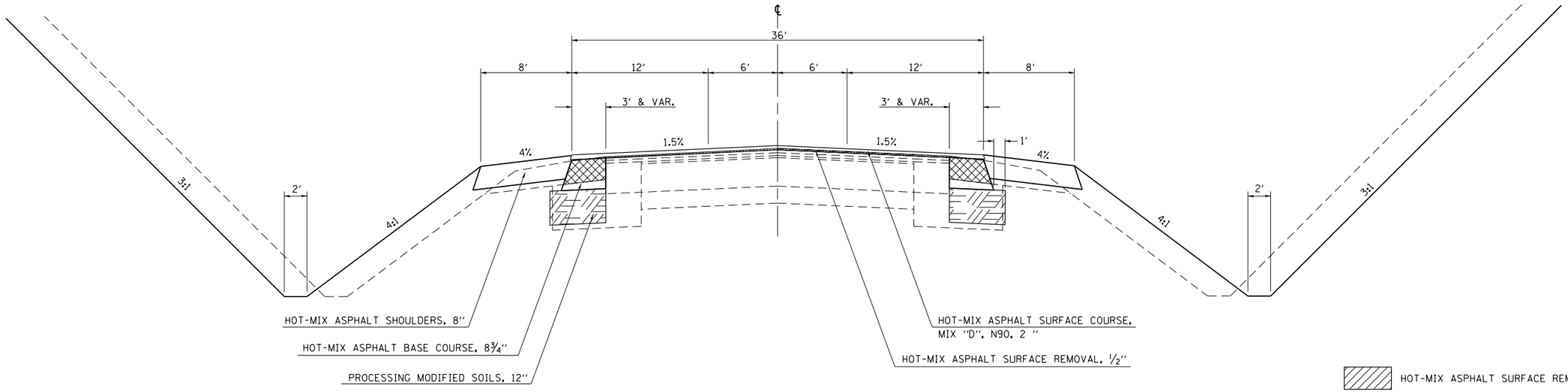


NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	12
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA SHEET 3 OF 10 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

PROPOSED TYPICAL CROSS SECTION

IL 16 (599+20.17 TO 601+70.00)



HOT-MIX ASPHALT SURFACE REMOVAL, ½″

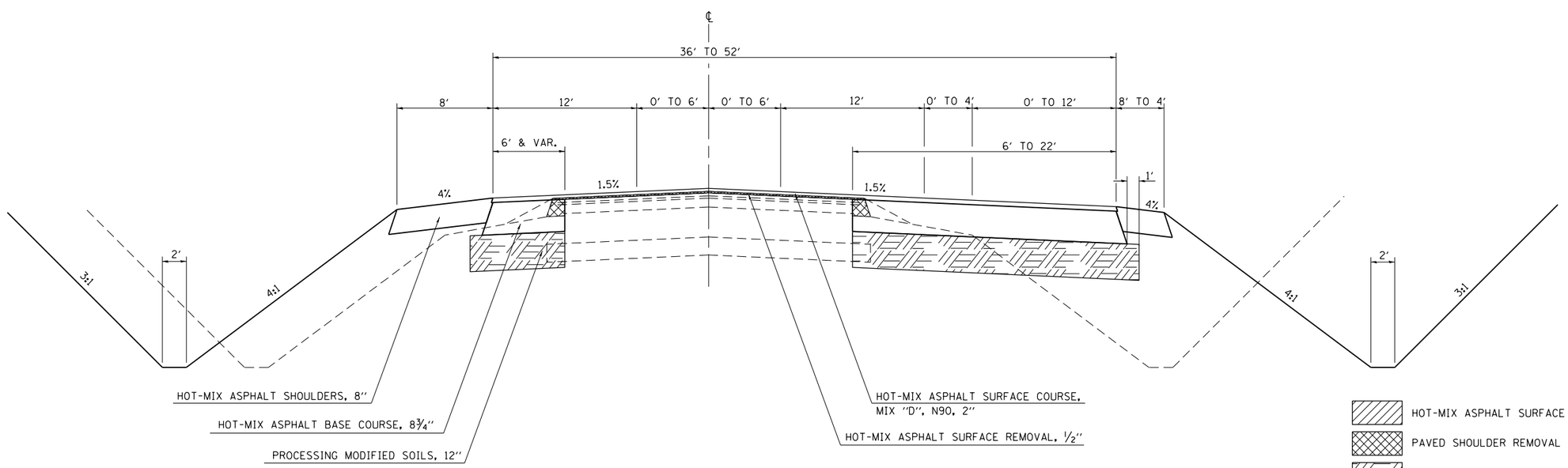
PAVED SHOULDER REMOVAL

PROCESSING MODIFIED SOILS, 12″

NOTE: NOT DRAWN TO SCALE

PROPOSED TYPICAL CROSS SECTION

IL 16 (601+70.00 TO 608+24.73)
IL 16 (608+24.73 TO 609+21.13)



HOT-MIX ASPHALT SURFACE REMOVAL, ½″

PAVED SHOULDER REMOVAL

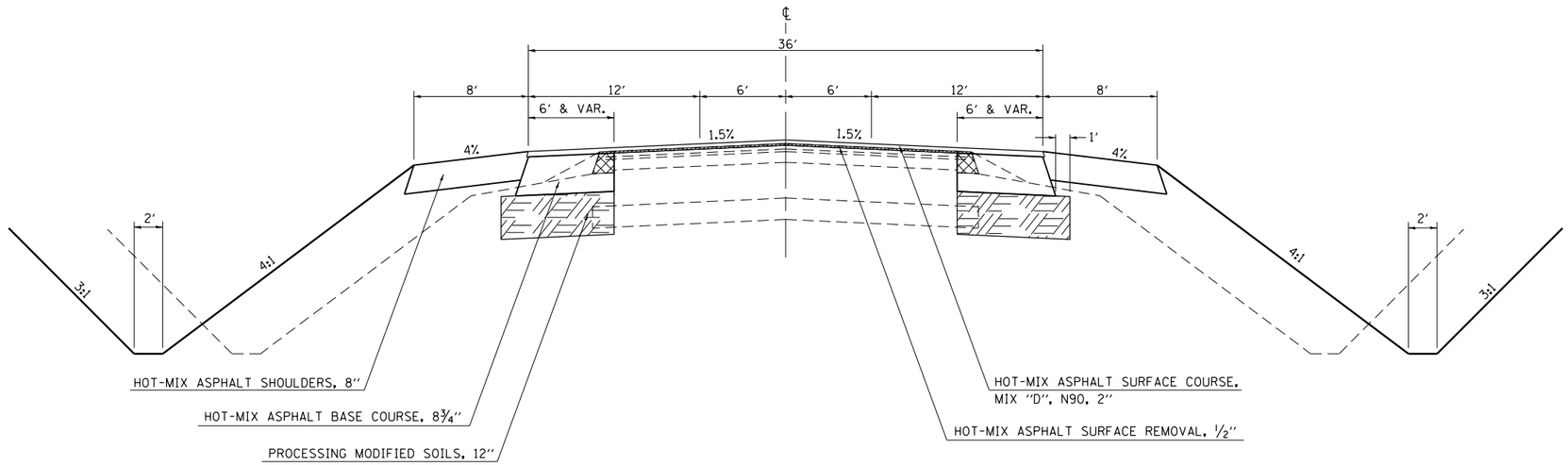
PROCESSING MODIFIED SOILS, 12″

NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	13
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA	SHEET 4 OF 10 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL CROSS SECTION

IL 16 (609+21.13 TO 610+63.00)



HOT-MIX ASPHALT SURFACE REMOVAL, ½″

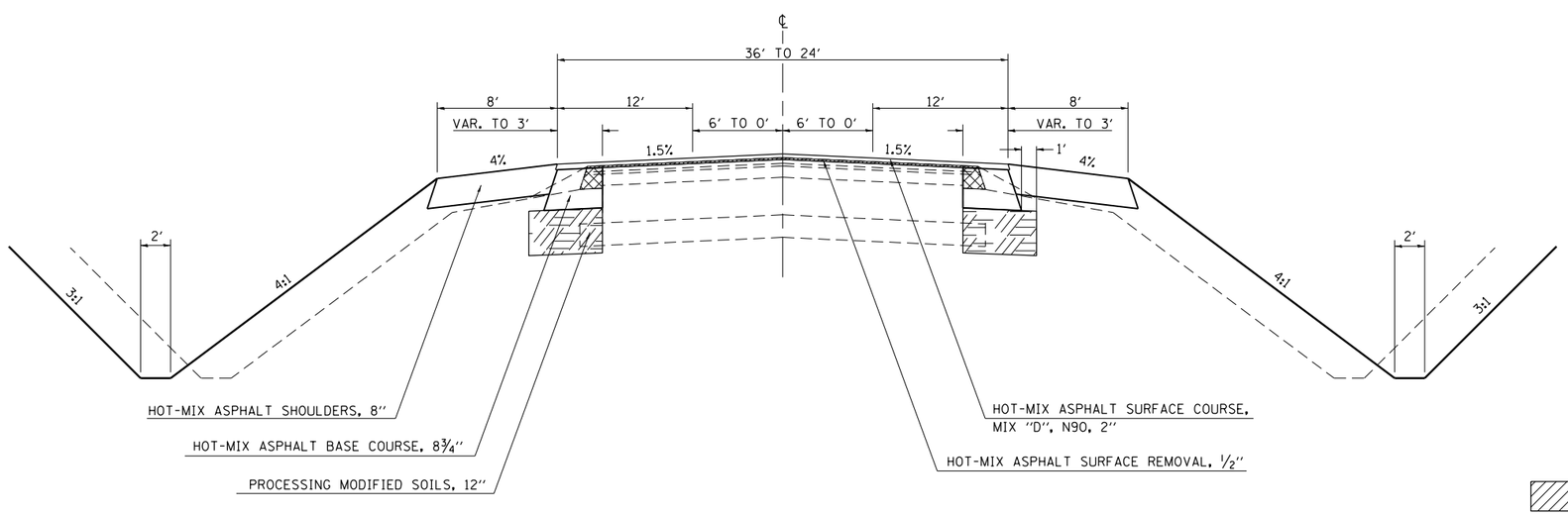
PAVED SHOULDER REMOVAL

PROCESSING MODIFIED SOILS, 12″

NOTE: NOT DRAWN TO SCALE

PROPOSED TYPICAL CROSS SECTION

IL 16 (610+63.00 TO 616+45.89)



HOT-MIX ASPHALT SURFACE REMOVAL, ½″

PAVED SHOULDER REMOVAL

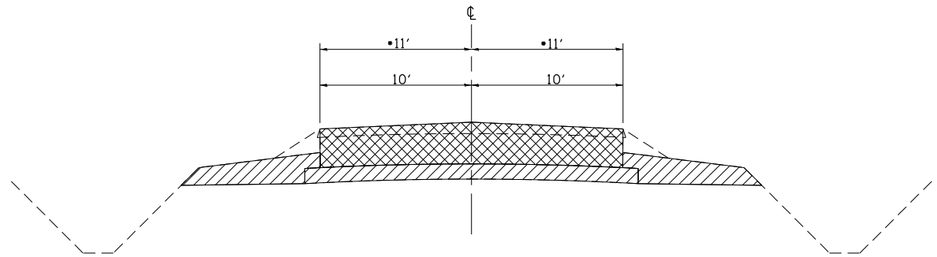
PROCESSING MODIFIED SOILS, 12″

NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	14
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA SHEET 5 OF 10 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave.
6+00.00 TO 13+40.12
15+80.61 TO 16+55.90
22+90.78 TO 34+70.87



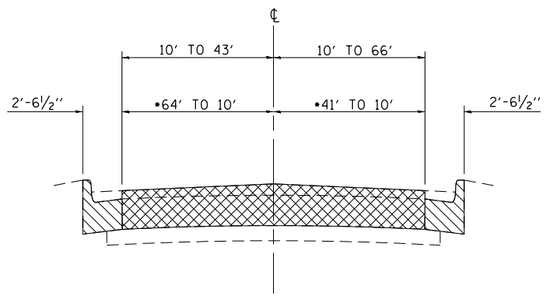
EARTH EXCAVATION

PAVEMENT REMOVAL

NOTE: NOT DRAWN TO SCALE

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave.
13+40.12 TO 14+45.66
14+72.86 TO 15+80.61



COMBINATION CURB & GUTTER REMOVAL

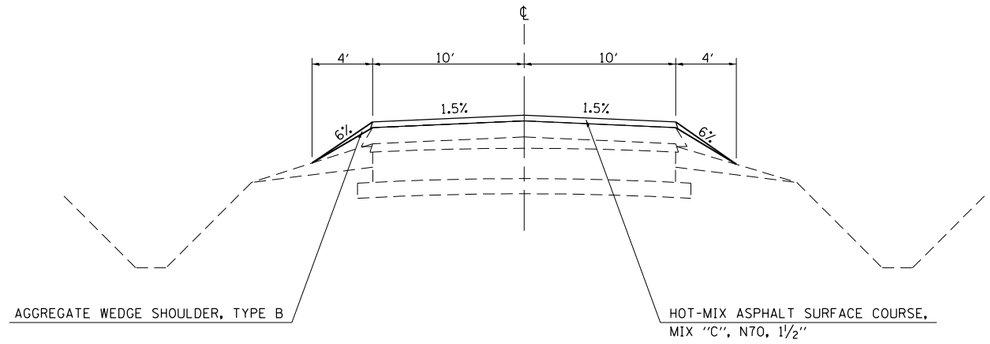
PAVEMENT REMOVAL

NOTE: NOT DRAWN TO SCALE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	15
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA SHEET 6 OF 10 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL CROSS SECTION

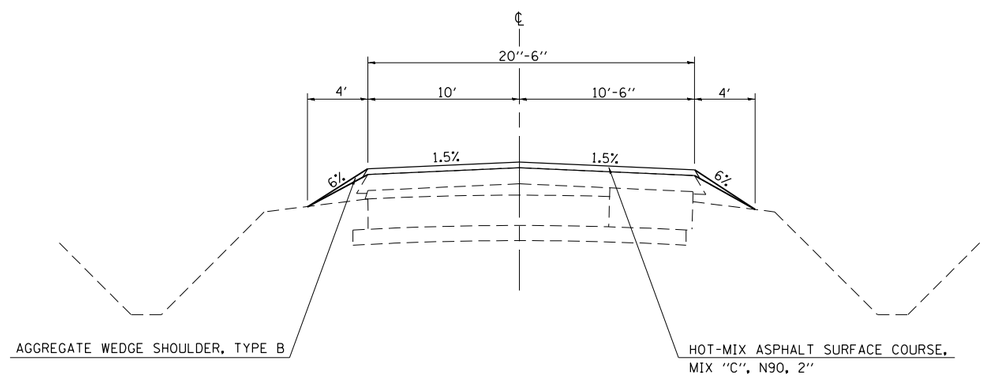
E. Harrison Ave.
34+70.87 TO 87+51.00



NOTE: NOT DRAWN TO SCALE

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (A)
5+90.00 TO 6+00.00

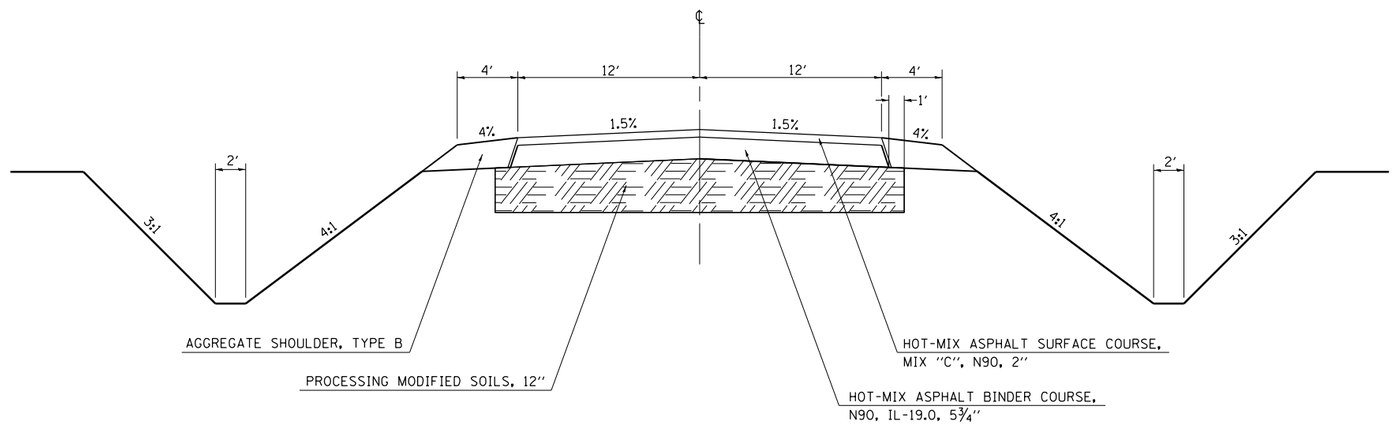


NOTE: NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn		DRAWN -	REVISED -			91	5N	Coles	271	16
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA SHEET 7 OF 10 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (A)
20+00.00 TO 26+28.49
28+64.85 TO 32+54.30

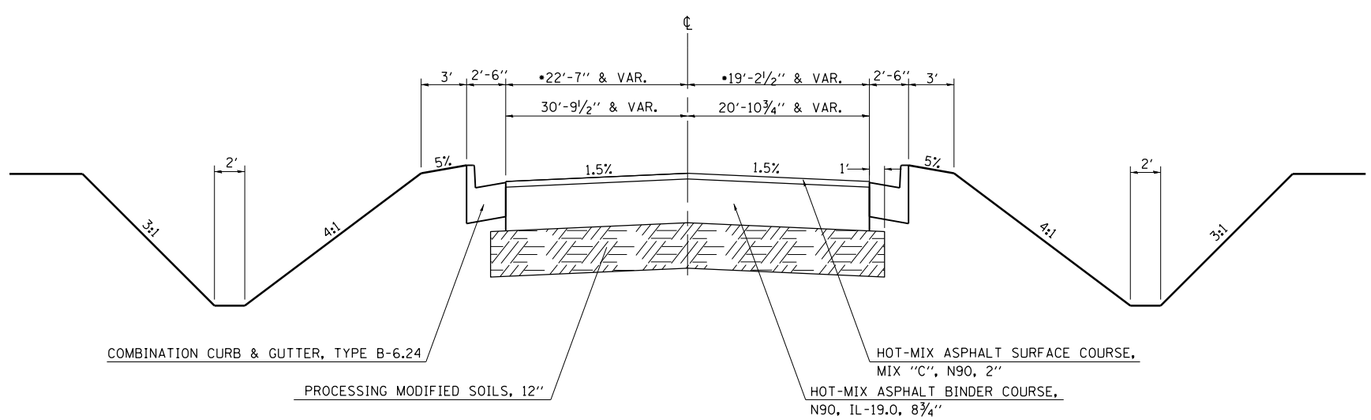


NOTE: NOT DRAWN TO SCALE

PROCESSING MODIFIED SOILS, 12"

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (A)
26+28.49 TO 27+39.91
27+63.64 TO 28+64.85



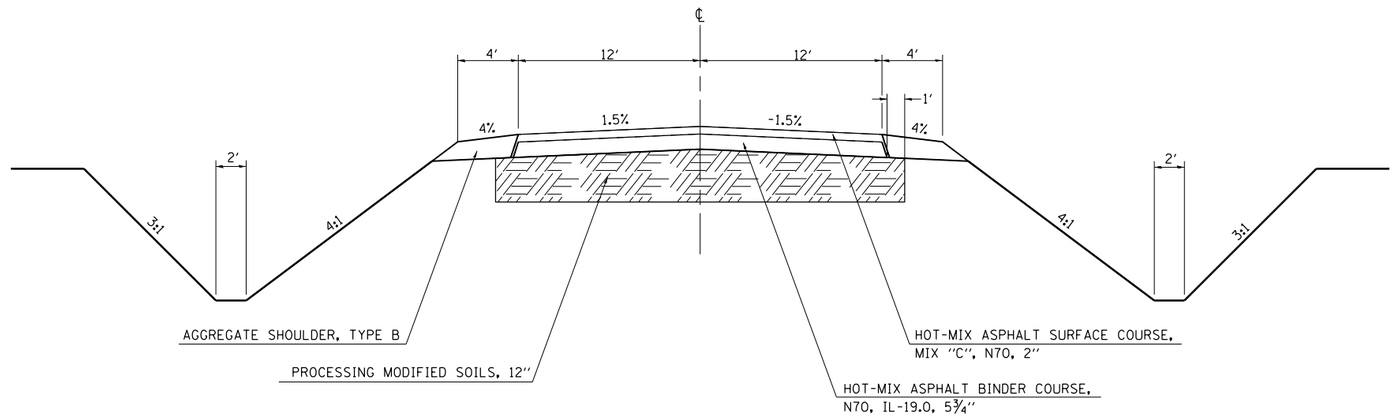
NOTE: NOT DRAWN TO SCALE

PROCESSING MODIFIED SOILS, 12"

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	17
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA / SHEET 8 OF 10 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (B) & Connector
50+19.00 TO 54+63.49
59+43.86 TO 63+98.31
70+74.97 TO 72+25.00
0+12.00 TO 2+44.18 (CONNECTOR)

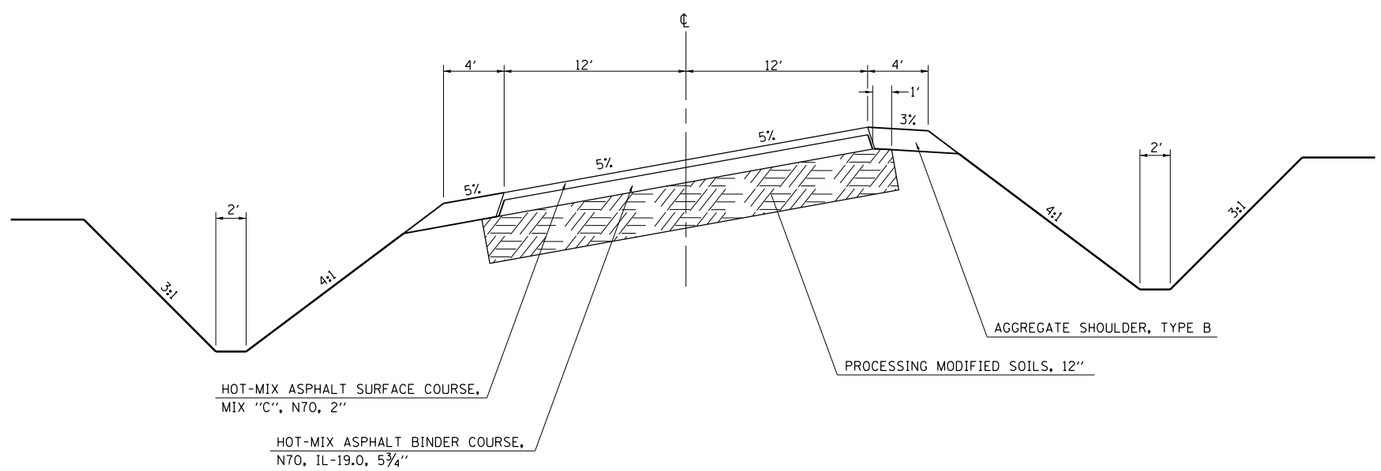


NOTE: NOT DRAWN TO SCALE

PROCESSING MODIFIED SOILS, 12″

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (B)
54+63.49 TO 59+43.86



NOTE: NOT DRAWN TO SCALE

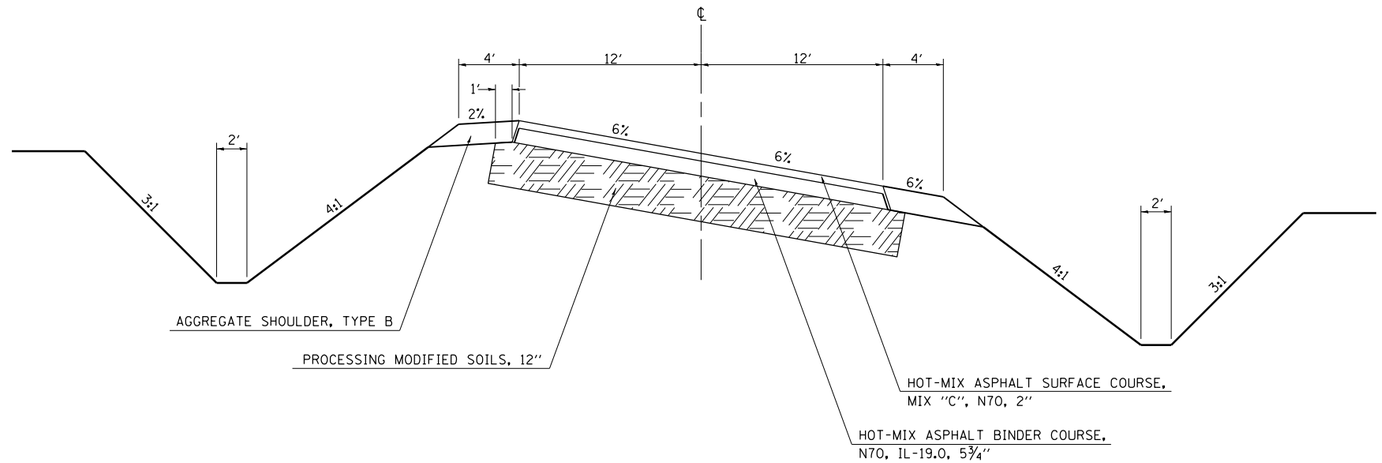
PROCESSING MODIFIED SOILS, 12″

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ′ / in.	DRAWN -	REVISED -			91	5N	Coles	271	18
	PLOT DATE = 5/7/2014	CHECKED -	REVISED -					CONTRACT NO. 74423		
		DATE -	REVISED -		SCALE: NA / SHEET 9 OF 10 SHEETS / STA. TO STA.			ILLINOIS FED. AID PROJECT		

PROPOSED TYPICAL CROSS SECTION

E. Harrison Ave. (B)

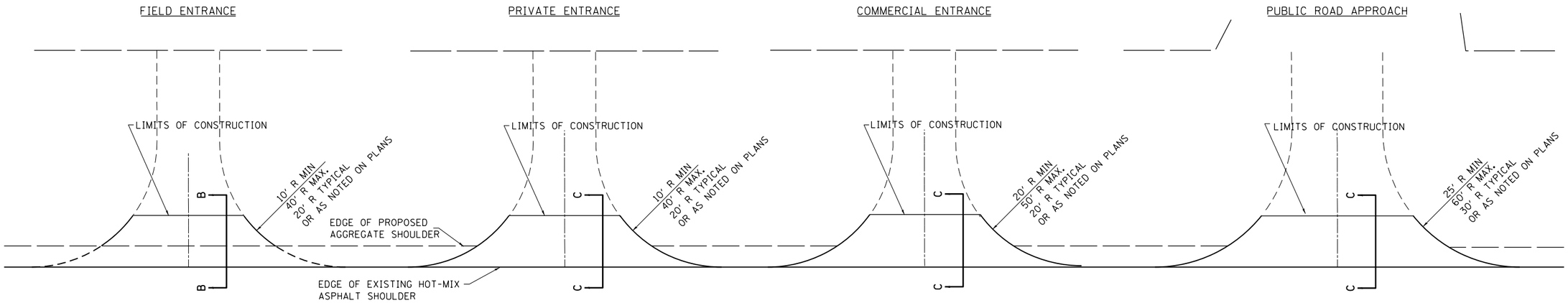
63+98.31 TO 70+74.97

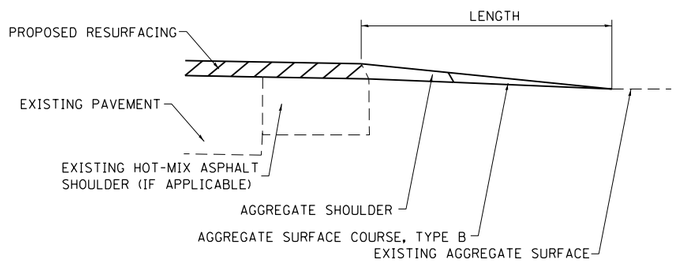


NOTE: NOT DRAWN TO SCALE

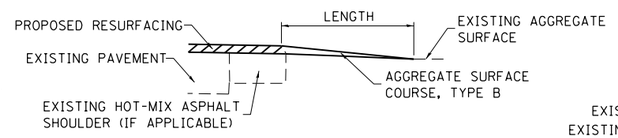
PROCESSING MODIFIED SOILS, 12″

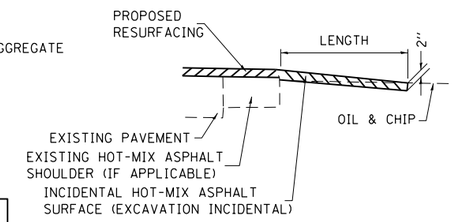
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-typicals.dgn		DRAWN -	REVISED -			91	5N	Coles	271 / 19
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 74423	
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA / SHEET 10 OF 10 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	



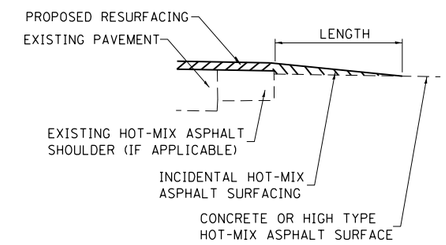


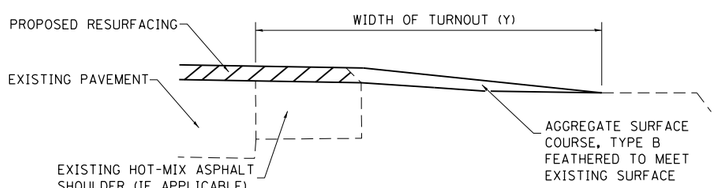
SECTION B-B





SECTION C-C





SECTION D-D

NOTE:
LENGTH = 10' UNLESS OTHERWISE
NOTED ON PLANS

SIDE		STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	AGGREGATE SURFACE COURSE, TYPE B TON
RT		21+00	MBT		6
RT		67+89	MBT		6
RT		69+48	MBT		6
LT		34+71	FE		8.5
RT		34+77	FE		8.5
RT		38+92	CE	3.7	
RT		38+92	CE	5	
RT		39+93	MBT		6
LT		40+38	PE		3.3
LT		40+38	PE		2.4
RT		40+74	CE	4.2	
RT		40+74	CE	2.2	
RT		41+36	PRA	11.7	
RT		42+56	MBT		6
LT		42+66	PE	3.5	
LT		42+66	PE	2.7	
LT		44+68	PE		2.8
LT		44+68	PE		3.3

SIDE		STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	AGGREGATE SURFACE COURSE, TYPE B TON
RT		44+75	MBT		6
LT		45+97	PE	2.6	
LT		45+97	PE	1.8	
RT		45+97	MBT		6
LT		47+18	PE		2.3
LT		47+18	PE		2.3
RT		47+20	MBT		6
RT		49+32	MBT		6
LT		49+39	PE	4.1	
LT		49+39	PE	2.9	
RT		51+89	PE	3.7	
RT		51+89	PE	2.6	
RT		52+44	MBT		6
LT		52+98	PRA	14.2	
LT		56+26	FE		8
RT		56+76	FE		10.3
RT		64+65	CE		6.4
LT		69+23	FE		3.8

FE=FIELD ENTRANCE
PE=PRIVATE ENTRANCE
CE=COMMERCIAL ENTRANCE
PRA - PUBLIC ROAD APPROACH
MBT - MAILBOX TURNOUT

CONTINUED ON FOLLOWING SHEET

TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

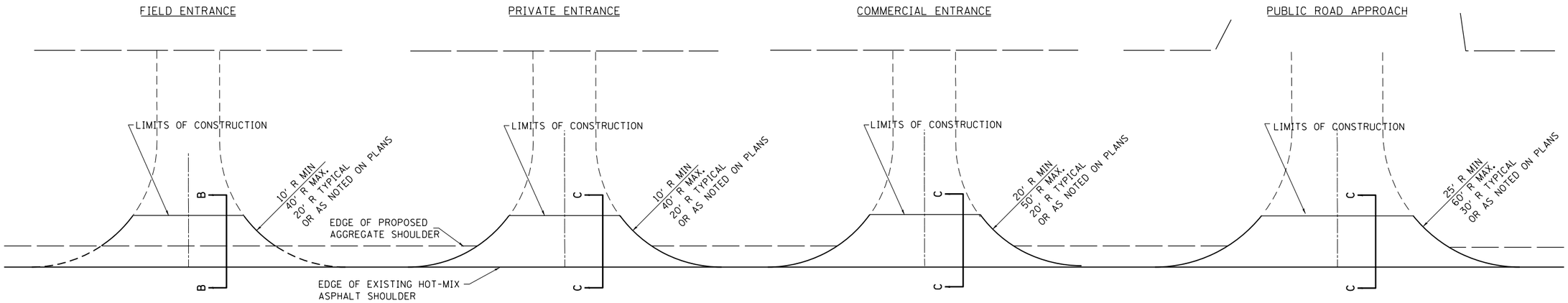
NOTES

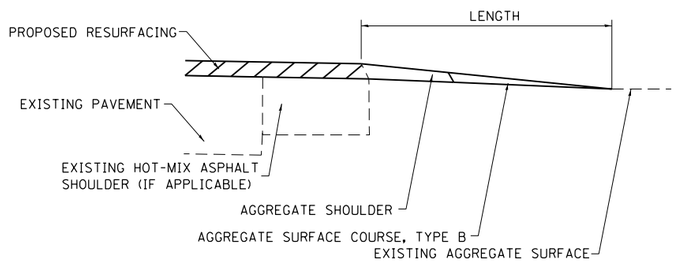
THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

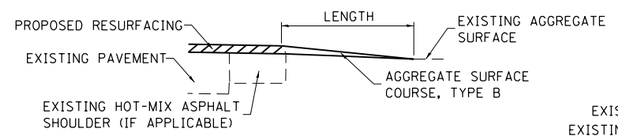
IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

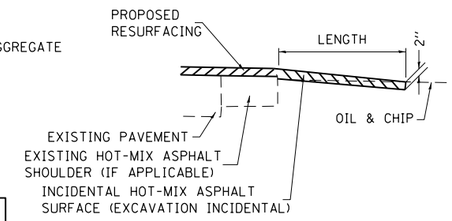
THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.



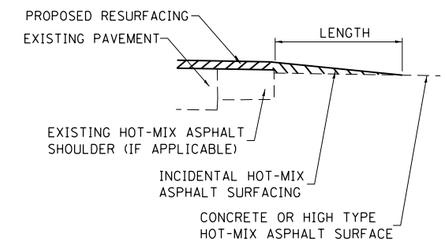


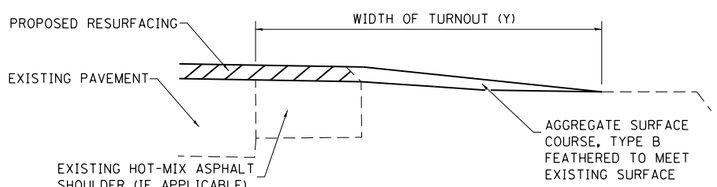
SECTION B-B





SECTION C-C





SECTION D-D

NOTE:
LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

SIDE		STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	AGGREGATE SURFACE COURSE, TYPE B TON
LT		69+23	FE		2.8
LT		70+50	MBT		6
LT		70+80	PE	3.6	
LT		70+80	PE	2.2	
RT		73+50	PRA	10	
RT		78+68	PE		6.9
RT		79+02	MBT		6
LT		79+67	CE	6	
LT		79+67	CE	4.9	
RT		80+57	PE		4.9
LT		83+78	PE	3.5	
LT		83+78	PE	2.3	
LT		84+05	MBT		6
RT		86+44	MBT		6
LT		86+44	PRA	14.6	
RT		86+72	PE	1.4	
RT		86+72	PE	1.9	
			TOTALS =	115.3	160.5

FE=FIELD ENTRANCE
PE=PRIVATE ENTRANCE
CE=COMMERCIAL ENTRANCE
PRA - PUBLIC ROAD APPROACH
MBT - MAILBOX TURNOUT

TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

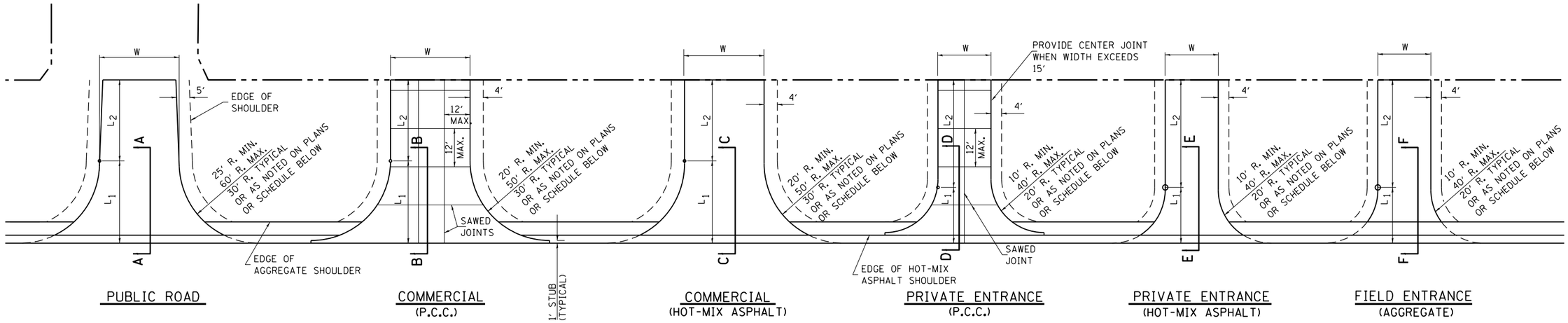
NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

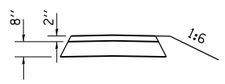
THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

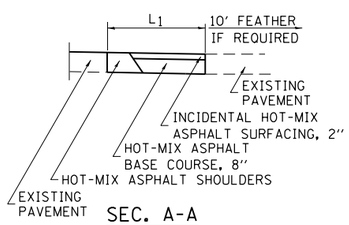
THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.



PUBLIC ROAD

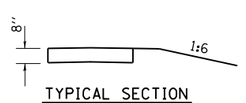


TYPICAL SECTION

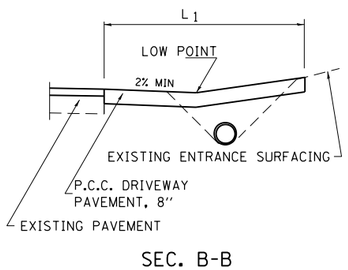


SEC. A-A

COMMERCIAL (P.C.C.)

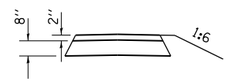


TYPICAL SECTION

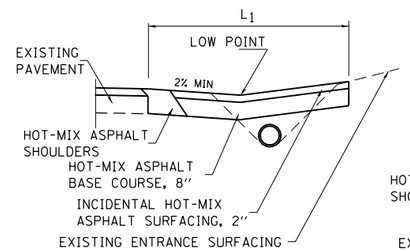


SEC. B-B

COMMERCIAL (HOT-MIX ASPHALT)

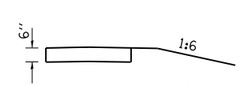


TYPICAL SECTION

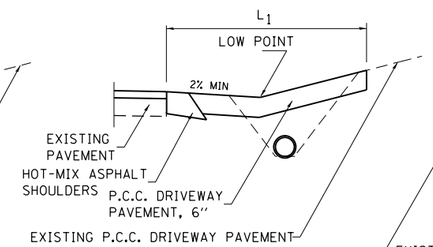


SEC. C-C

PRIVATE ENTRANCE (P.C.C.)

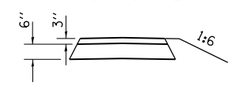


TYPICAL SECTION

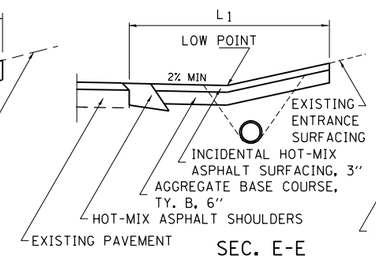


SEC. D-D

PRIVATE ENTRANCE (HOT-MIX ASPHALT)

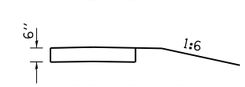


TYPICAL SECTION

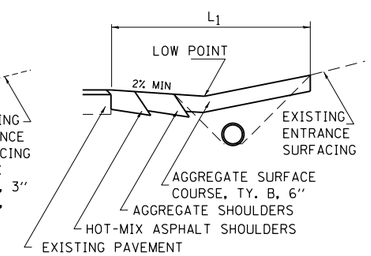


SEC. E-E

FIELD ENTRANCE (AGGREGATE)



TYPICAL SECTION



SEC. F-F

ENTRANCE SCHEDULE

TYPE	SIDE/ STATION	WIDTH	LENGTH L_1	LENGTH L_2	RADII	AGGREGATE BASE, COURSE. TY. B, 6"	HOT-MIX APSHALT BASE COURSE, 8"	AGGREGATE SURFACE COURSE. TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING
						SQ.YD.	SQ. YD.	TON	TON
PE	LT./20+89	20'	LT. 15.4' RT. 13.9'	LT. 13.5' RT. 15.0'	15'	86.4			17.5
PE	RT./21+50	12'	LT. 19.8' RT. 14.0'	LT. 30.9' RT. 36.7'	15'	104.2			30.0
FE	LT./21+66	24'	LT. 25.4' RT. 12.9'	LT. 10.6' RT. 23.1'	20'			20.8	
PE	LT./67+89.16	14'	14.7'	138.4'	15'			10.9	
PE	RT./69+62.15	13'	15.3'	29.3'	15'			10.4	

ENTRANCE SCHEDULE

TYPE	SIDE/ STATION	WIDTH	LENGTH L_1	LENGTH L_2	RADII	AGGREGATE BASE, COURSE. TY. B, 6"	HOT-MIX APSHALT BASE COURSE, 8"	AGGREGATE SURFACE COURSE. TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING
						SQ.YD.	SQ. YD.	TON	TON
FE	RT./21+50	30'	18.7'	38.9'	20'			13.9	
FE	RT./23+50	30'	19.8'	30.9'	15'			14.3	
FE	RT./616+50	24'	25.4'	10.6'	20'			9.2	
				TOTALS =		190.6		79.5	47.5

NOTES

L_1 = DISTANCE FROM EDGE OF PAVEMENT TO RADIUS POINT OR MAXIMUM DISTANCE OF 30'.
L_2 = DISTANCE FROM RADIUS POINT OR MAXIMUM DISTANCE OF 30' FROM EDGE OF PAVEMENT TO R.O.W. LINE
MATERIAL USED TO CONSTRUCT L_2 LENGTH SHALL BE THE SAME TYPE OF MATERIAL AS THE EXISTING ENTRANCE

THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDERS THROUGH COMMERCIAL ENTRANCES (HOT-MIX ASPHALT) AND PUBLIC ROADS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

HOT-MIX ASPHALT SHOULDERS SHALL NOT BE CONSTRUCTED THROUGH PCC ENTRANCE OR PUBLIC ROAD APPROACH.

FE=FIELD ENTRANCE
PE=PRIVATE ENTRANCE
CE=COMMERCIAL ENTRANCE

PRA - PUBLIC ROAD APPROACH
MBT - MAILBOX TURNOUT

PAVING SCHEDULE	LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	BITUMINOUS MATERIALS (PRIME COAT)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE B	AGGREGATE WEDGE SHOULDER, TYPE B	PAVEMENT REMOVAL (SPECIAL)
STATION TO STATION	FEET	FEET	FEET	SQ YD	POUNDS	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON	TON	TON	SQ YD
IL 16																		
599+20.17 TO 600+50.27	130.1	36.0	16.0	520.4	117.1	0.0	520.4	88.3	128.4	0.0	0.0	0.0	0.0	58.3	103.6	0.0	0.0	0.0
600+50.27 TO 601+70.00	119.7	36.0	16.0	478.9	107.8	0.0	478.9	64.6	165.9	0.0	0.0	0.0	0.0	53.6	95.3	0.0	0.0	0.0
601+70.00 TO 604+35.00	265.0	Variable	VAR.	1,295.6	291.5	0.0	1,295.6	67.4	599.5	0.0	0.0	0.0	0.0	145.1	171.5	0.0	0.0	0.0
604+35.00 TO 605+77.97	143.0	52.0	VAR.	826.0	185.9	0.0	826.0	36.2	450.3	0.0	0.0	0.0	0.0	92.5	85.4	0.0	0.0	0.0
605+77.97 TO 609+21.13	343.2	Variable	16.0	941.8	211.9	0.0	941.8	88.1	941.8	0.0	0.0	0.0	0.0	105.5	208.7	0.0	0.0	0.0
609+21.13 TO 611+00.00	178.9	36 & Variable	16.0	711.5	160.1	0.0	711.5	25.2	229.2	0.0	0.0	0.0	0.0	79.7	285.0	0.0	0.0	0.0
611+00.00 TO 616+45.89	545.9	Variable to 26	16.0	1,983.4	446.3	0.0	1,983.4	132.0	505.4	0.0	0.0	0.0	0.0	222.1	117.0	0.0	0.0	0.0
E. Harrison Ave. (A)																		
20+00.00 TO 20+50.00	50.0	Variable	8.0	127.2	28.6	0.0	0.0	0.0	0.0	0.0	41.0	0.0	15.4	0.0	0.0	19.7	0.0	0.0
20+50.00 TO 22+30.98	181.0	24.0	8.0	482.6	108.6	0.0	0.0	0.0	0.0	0.0	155.4	0.0	58.3	0.0	0.0	71.5	0.0	0.0
22+30.98 TO 24+33.69	202.7	Variable	8.0	630.7	141.9	0.0	0.0	0.0	0.0	0.0	203.1	0.0	75.4	0.0	0.0	80.0	0.0	0.0
24+33.69 TO 26+28.56	194.9	Variable	8.0	755.7	170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.2	0.0	0.0	120.7	0.0	0.0
26+28.56 TO 27+33.69	105.1	Variable	8.0	845.0	190.1	0.0	0.0	0.0	830.0	0.0	0.0	0.0	72.2	0.0	0.0	0.0	0.0	0.0
27+33.69 TO 27+84.83	51.1	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27+84.83 TO 28+64.85	80.0	Variable	0.0	543.4	122.3	0.0	0.0	0.0	670.8	0.0	0.0	0.0	58.2	0.0	0.0	0.0	0.0	0.0
28+64.85 TO 30+98.40	233.6	Variable	8.0	1,165.2	262.2	0.0	0.0	0.0	1070.3	0.0	375.2	0.0	135.9	0.0	0.0	144.7	0.0	0.0
30+98.40 TO 32+05.40	107.0	38.0	8.0	451.8	101.7	0.0	0.0	0.0	0.0	0.0	145.5	0.0	53.1	0.0	0.0	42.2	0.0	0.0
32+05.40 TO 32+54.30	48.9	38.0	8.0	206.5	46.5	0.0	0.0	0.0	0.0	0.0	66.5	0.0	24.3	0.0	0.0	19.3	0.0	0.0
32+54.30 TO 34+25.00	170.7	12.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.4	0.0	0.0
E. Harrison Ave. (B)																		
50+00.00 TO 50+19.00	19.0	NA	8.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0
50+19.00 TO 50+58.89		Variable		182.7	41.1	0.0	0.0	0.0	0.0	58.8	0.0	20.5	0.0	0.0	0.0	7.9	0.0	0.0
50+58.89 TO 72+25.00	2,166.1	24.0	8.0	5,776.3	1,299.7	0.0	0.0	0.0	0.0	1860.0	0.0	646.9	0.0	0.0	0.0	855.2	0.0	0.0
Connector Rd.																		
0+00.00 TO 0+12.00	12.0	NA	8.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0
0+12.00 TO 0+52.00	40.0	Variable	8.0	183.0	41.2	0.0	0.0	0.0	0.0	58.9	0.0	20.5	0.0	0.0	0.0	15.8	0.0	0.0
0+52.00 TO 1+94.50	142.5	24.0	8.0	380.0	85.5	0.0	0.0	0.0	0.0	122.4	0.0	42.6	0.0	0.0	0.0	1.0	0.0	0.0
1+94.50 TO 2+44.18	49.7	Variable	8.0	209.8	47.2	0.0	0.0	0.0	0.0	67.6	0.0	23.5	0.0	0.0	0.0	19.6	0.0	0.0
2+44.18 TO 2+54.12	9.9	NA	8.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0
SHEET TOTALS	5,388			18,697	4,207	0	6,758	502	5,592	2,168	987	754	582	757	1,067	1,481	0	0

PAVING SCHEDULE (Cont'd)	LENGTH	PAVEMENT WIDTH	SHOULDER WIDTH	AREA	BITUMINOUS MATERIALS (PRIME COAT)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE B	AGGREGATE WEDGE SHOULDER, TYPE B	PAVEMENT REMOVAL (SPECIAL)
STATION TO STATION	FEET	FEET	FEET	SQ YD	POUNDS	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	TON	TON	SQ YD
Existing E. Harrison Ave.																		
6+00.00 TO 7+50.65	150.7	22.0	0.0	368.3	0.0	368.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7+50.65 TO 13+40.12	589.5	20.0	0.0	1,309.9	0.0	1309.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13+40.12 TO 14+46.51	106.4	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+46.51 TO 14+72.86	26.3	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+72.86 TO 15+80.51	107.7	Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15+80.51 TO 23+75.00	794.5	20.0	0.0	1,765.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23+75.00 TO 34+71.04	1,096.0	20.0	0.0	2,435.6	0.0	2435.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34+71.04 TO 41+36.00	665.0	20.0	0.0	1,477.7	332.5	0.0	0.0	0.0	0.0	0.0	0.0	124.1	0.0	0.0	0.0	0.0	37.9	0.0
41+36.00 TO 76+95.00	3,559.0	20.0	0.0	7,908.9	1,779.5	0.0	0.0	0.0	0.0	0.0	0.0	664.3	0.0	0.0	0.0	0.0	202.7	0.0
76+95.00 TO 87+07.00	1,012.0	21.5	0.0	2,417.6	544.0	0.0	0.0	0.0	0.0	0.0	0.0	203.1	0.0	0.0	0.0	0.0	57.6	0.0
87+07.00 TO 87+51.00	44.0	20.0	0.0	97.8	22.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	2.5	0.0
Frontage Rd.																		
0+00.00 TO 7+17.02	7+17.02	VARIABLE	0.0	961.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	961.0
SHEET TOTALS	8,868			18,742	2,678	4,114	0	0	0	0	0	1,000	0	0	0	0	301	961
PROJECT TOTALS	14,256			37,440	6,885	4,114	6,758	502	5,592	2,168	987	1,754	582	757	1,067	1,481	301	961

SUB-BASE GRANULAR MATERIAL, TYPE B, 12"

LOCATION			LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	QUANTITY (SQ YD)	
20+00.00	TO	20+50.00	50.0	25.9	1,295.0	143.9	E. Harrison Ave. (A)
20+50.00	TO	22+50.00	200.0	27	5,400.0	600.0	
68+50.00	TO	72+25.00	375.0	27	10,125.0	1,125.0	E. Harrison Ave. (B)
					TOTAL =	1,869.0	

PAVEMENT MARKING SCHEDULE A			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING- LETTER AND SYMBOLS	TEMPORARY PAVEMNT MARKING-LINE 4" (YELLOW)	TEMPORARY PAVEMNT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMNT MARKING-LINE 4" (WHITE)	TEMPORARY PAVEMNT MARKING-LINE 6"	TEMPORARY PAVEMNT MARKING-LINE 8"	TEMPORARY PAVEMNT MARKING-LINE 12"	TEMPORARY PAVEMNT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 24" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (YELLOW)	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (WHITE LANE EXTENSION)	THERMOPLASTIC PAVEMNT MARKING-LINE 6"	THERMOPLASTIC PAVEMNT MARKING-LINE 8"	THERMOPLASTIC PAVEMNT MARKING-LINE 12"	THERMOPLASTIC PAVEMNT MARKING-LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (AMBER)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
IL 16																											
591+79.00	TO	599+20.17	741.2	444.7	0.0	2,964.7	0.0	0.0	0.0	0.0	352.5	0.0	1,489.2	0.0	0.0	0.0	2,964.7	0.0	0.0	0.0	0.0	352.5	0.0	0	38	0
599+20.17	TO	601+70.00	249.8	149.9	0.0	999.3	0.0	499.7	0.0	0.0	112.8	0.0	662.5	0.0	0.0	0.0	999.3	499.7	0.0	0.0	0.0	112.8	0.0	0	14	0
601+70.00	TO	603+98.22	228.2	136.9	0.0	912.9	0.0	456.4	0.0	0.0	55.7	0.0	557.9	0.0	0.0	0.0	912.9	456.4	0.0	0.0	0.0	55.7	0.0	0	12	0
603+98.22	TO	604+18.91	20.7	12.4	0.0	82.8	0.0	41.4	0.0	0.0	0.0	0.0	45.5	0.0	0.0	0.0	82.8	41.4	0.0	0.0	0.0	0.0	0.0	0	0	0
604+18.91	TO	604+35.01	16.1	9.7	0.0	32.2	0.0	32.2	0.0	0.0	0.0	0.0	24.7	0.0	0.0	0.0	32.2	32.2	0.0	0.0	0.0	0.0	0.0	0	2	0
604+35.01	TO	607+02.00	267.0	304.4	145.2	534.0	0.0	534.0	801.0	150.5	0.0	0.0	1,003.2	0.0	0.0	145.2	534.0	534.0	0.0	801.0	150.5	0.0	0.0	7	0	14
607+02.00	TO	607+96.00	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
607+96.00	TO	610+63.00	267.0	208.3	62.4	534.0	0.0	801.0	267.0	146.0	0.0	0.0	710.4	0.0	0.0	62.4	534.0	801.0	0.0	267.0	146.0	0.0	0.0	7	0	16
610+63.00	TO	610+84.61	21.6	13.0	0.0	43.2	0.0	43.2	0.0	0.0	0.0	0.0	33.1	0.0	0.0	0.0	43.2	43.2	0.0	0.0	0.0	0.0	0.0	0	0	0
610+84.61	TO	613+28.00	243.4	146.0	0.0	973.6	0.0	486.8	0.0	0.0	36.8	0.0	572.4	0.0	0.0	0.0	973.6	486.8	0.0	0.0	0.0	36.8	0.0	0	16	0
613+28.00	TO	615+73.87	245.9	147.5	0.0	983.5	0.0	491.7	0.0	0.0	28.3	0.0	569.3	0.0	0.0	0.0	983.5	491.7	0.0	0.0	0.0	28.3	0.0	0	14	0
615+73.87	TO	616+45.89	72.0	43.2	0.0	288.1	0.0	144.0	0.0	0.0	0.0	0.0	158.5	0.0	0.0	0.0	288.1	144.0	0.0	0.0	0.0	0.0	0.0	0	4	4
616+45.89	TO	621+03.00	457.1	274.3	0.0	914.2	0.0	914.2	0.0	0.0	0.0	0.0	701.0	0.0	0.0	0.0	914.2	914.2	0.0	0.0	0.0	0.0	0.0	0	0	20
E. HARRISON AVE. (A)																											
20+00.00	TO	20+85.23	85.2	25.6	0.0	170.5	0.0	0.0	0.0	0.0	0.0	0.0	65.4	0.0	0.0	0.0	170.5	0.0	0.0	0.0	0.0	0.0	0.0	0	0	6
20+85.23	TO	23+00.00	214.8	64.4	0.0	429.5	0.0	0.0	0.0	0.0	0.0	0.0	164.7	0.0	0.0	0.0	429.5	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
23+00.00	TO	23+44.35	44.3	13.3	0.0	88.7	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0	0	2
23+44.35	TO	24+80.67	136.3	40.9	0.0	545.3	0.0	0.0	0.0	0.0	32.6	0.0	228.0	0.0	0.0	0.0	545.3	0.0	0.0	0.0	0.0	32.6	0.0	0	8	0
24+80.67	TO	25+82.13	101.5	30.4	0.0	405.8	0.0	0.0	0.0	0.0	28.5	0.0	173.9	0.0	0.0	0.0	405.8	0.0	0.0	0.0	0.0	28.5	0.0	0	4	0
25+82.13	TO	25+88.69	6.6	2.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
25+88.69	TO	27+03.69	115.0	44.9	31.2	230.0	0.0	0.0	115.0	0.0	0.0	23.0	226.3	0.0	0.0	31.2	230.0	0.0	0.0	115.0	0.0	0.0	23.0	3	2	6
27+03.69	TO	27+94.00	90.3	27.1	0.0	180.6	0.0	0.0	0.0	0.0	0.0	36.2	105.5	0.0	0.0	0.0	180.6	0.0	0.0	0.0	0.0	0.0	36.2	0	0	0
27+94.00	TO	29+12.69	118.7	46.3	31.2	237.4	0.0	0.0	118.7	0.0	0.0	23.7	268.7	0.0	0.0	31.2	237.4	0.0	0.0	118.7	0.0	0.0	23.7	3	0	6
29+12.69	TO	29+28.66	16.0	4.8	0.0	31.9	0.0	4.0	0.0	0.0	0.0	0.0	97.2	0.0	0.0	0.0	31.9	0.0	4.0	0.0	0.0	0.0	0.0	0	0	0
29+28.66	TO	30+06.59	77.9	23.4	0.0	155.9	0.0	39.0	0.0	0.0	0.0	0.0	72.7	0.0	0.0	0.0	155.9	0.0	39.0	0.0	0.0	0.0	0.0	0	0	4
30+06.59	TO	30+20.70	14.1	4.2	0.0	28.2	0.0	3.5	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	28.2	0.0	3.5	0.0	0.0	0.0	0.0	0	0	0
30+20.70	TO	31+20.71	100.0	39.0	31.2	200.0	0.0	0.0	100.0	0.0	0.0	0.0	160.9	0.0	0.0	31.2	200.0	0.0	0.0	100.0	0.0	0.0	0.0	3	0	6
31+20.71	TO	32+54.30	133.6	40.1	0.0	0.0	0.0	0.0	0.0	0.0	119.8	0.0	133.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.8	0.0	0	0	0
SHEET TOTALS			4,178	2,297	301	11,979	0	4,491	1,402	297	767	83	8,275	0	0	301	11,979	4,445	46	1,402	297	767	83	23	114	94

PAVEMENT MARKING SCHEDULE B			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING- LETTER AND SYMBOLS	TEMPORARY PAVEMNT MARKING-LINE 4" (YELLOW)	TEMPORARY PAVEMNT MARKING-LINE 4" (YELLOW SKIP-DASH)	TEMPORARY PAVEMNT MARKING-LINE 4" (WHITE)	TEMPORARY PAVEMNT MARKING-LINE 6"	TEMPORARY PAVEMNT MARKING-LINE 8"	TEMPORARY PAVEMNT MARKING-LINE 12"	TEMPORARY PAVEMNT MARKING-LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH)	PAINT PAVEMENT MARKING-LINE 24" (WHITE)	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (YELLOW)	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (WHITE)	THERMOPLASTIC PAVEMNT MARKING-LINE 4" (WHITE LANE EXTENSION)	THERMOPLASTIC PAVEMNT MARKING-LINE 6"	THERMOPLASTIC PAVEMNT MARKING-LINE 8"	THERMOPLASTIC PAVEMNT MARKING-LINE 12"	THERMOPLASTIC PAVEMNT MARKING-LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (AMBER)	RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER)
STATION	TO	STATION	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
E. HARRISON AVE. (B)																										
50+58.89	TO	72+24.83	2,165.9	649.8	0.0	0.0	541.5	0.0	0.0	0.0	0.0	12.0	421.2	541.5	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
72+24.83	=	34+71.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
34+71.04	TO	87+51.00	5,280.0	1,584.0	0.0	0.0	1,320.0	0.0	0.0	0.0	0.0	0.0	968.2	1,320.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
CONNECTOR RD.																										
0+00.00	TO	0+52.00	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
0+52.00	TO	1+94.50	142.5	42.8	0.0	0.0	35.6	0.0	0.0	0.0	0.0	24.0	74.1	35.6	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1+94.50	TO	2+57.12	62.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
EX. E. HARRISON AVE.																										
6+00.00	TO	7+50.65	150.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7+50.65	TO	13+40.12	589.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13+40.12	TO	14+46.51	106.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+46.51	TO	14+72.86	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14+72.86	TO	15+80.51	107.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15+80.51	TO	22+90.06	709.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22+90.06	TO	34+71.04	1,181.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34+71.04	TO	41+36.00	665.0	133.0	0.0	0.0	166.2	0.0	0.0	0.0	0.0	0.0	99.8	166.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41+36.00	TO	76+95.00	3,559.0	711.8	0.0	0.0	889.8	0.0	0.0	0.0	0.0	0.0	534.0	889.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76+95.00	TO	87+07.00	1,012.0	202.4	0.0	0.0	253.0	0.0	0.0	0.0	0.0	0.0	151.8	253.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87+07.00	TO	87+51.00	44.0	8.8	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	6.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHEET TOTALS			7,703	3,333	0	0	3,217	0	0	0	0	36	2,256	3,217	36	0	0	0	0	0	0	0	0	0	0	0
PROJECT TOTALS			11,881	5,630	301	11,979	3,217	4,491	1,402	297	767	119	10,531	3,217	36	301	11,979	4,445	46	1,402	297	767	83	23	114	94

TREE REMOVAL (6-15 UNITS DIAMETER) SCHEDULE

LOCATION	TOTAL UNITS
IL 16	
608+80.75 RT. 62.8'	11.2
608+80.75 RT. 62.8'	7.0
611+59.91 RT. 49.8'	15.5
611+59.91 RT. 49.8'	15.0
611+72.64 RT. 53.1'	11.0
615+47.68 RT. 57.6'	6.8
615+47.68 RT. 57.6'	13.0
E. HARRISON AVE. (B)	
57+42.51 LT. 33.9'	12.0
57+46.88 LT. 36.1'	14.0
57+50.61 LT. 33.1'	8.0
57+50.96 LT. 31.4'	8.0
57+52.67 LT. 30.3	6.0
57+53.42 LT. 31.2'	6.0
57+62.06 LT. 32.6'	10.0
57+90.49 LT. 11.5'	11.0
57+97.34 LT. 11.4'	9.0
58+02.26 LT. 7.5'	8.0
58+02.94 LT. 6.0'	8.0
58+03.72 LT. 5.0'	6.0
58+07.76 LT. 5.7'	11.0
58+10.56 LT. 3.7'	7.0
58+17.81 LT. 1.9'	9.0
58+17.84 RT. 3.1'	9.0
58+18.26 RT. 3.9'	10.0
58+28.62 RT. 12.6'	6.0
58+34.93 RT. 18.3'	9.0
58+35.52 RT. 16.8'	7.0
58+37.03 RT. 19.7'	11.0
58+37.98 RT. 17.3'	6.0
58+38.12 RT. 17.8'	6.0
58+38.32 RT. 20.0'	8.0
58+42.49 RT. 17.7'	12.0
58+46.19 RT. 24.7'	10.0
58+56.24 RT. 30.2'	14.0
58+56.71 RT. 31.4'	13.0
58+62.98 RT. 32.7'	6.0
58+67.23 RT. 39.0'	9.0
71+05.64 RT. 42.1'	14.0
71+07.09 RT. 43.2'	9.0
71+14.88 RT. 41.2'	15.0
EX. E. HARRISON AVE.	
26+57.47 LT. 73.2'	14.0
26+59.00 LT. 71.7'	11.0
26+59.43 LT. 84.8'	10.5
TOTAL =	422.0

TREE REMOVAL (OVER 15 UNITS DIAMETER) SCHEDULE

LOCATION	TOTAL (UNITS)
E. HARRISON AVE. (A)	
21+74.24 RT. 29.8'	24.0
E. HARRISON AVE. (B)	
57+95.12 RT. 12.9'	18.0
58+31.93 RT. 11.4'	16.0
68+52.81 RT. 35.0'	23.0
EX. E. HARRISON AVE.	
26+57.47 LT. 70.7'	16.0
26+60.91 LT. 87.9'	25.0
TOTAL =	122.0

PATCHING SCHEDULE

LOCATION	CLASS D PATCHES, TYPE II, 15"
	SQ YD
IL 16	504

EARTHWORK SCHEDULE

Location	Earth Excavation	Earth Excavation Adj. for Shrinkage	Embankment	Earthwork Balance Waste (+)/Shortage (-)
IL 16	CU. YD	CU. YD.	CU. YD.	CU. YD.
STA. 599+00 TO STA. 616+50 (RT/LT)	4,735.0	3,551.25	1,776.0	+1775.25
E. HARRISON AVE. (A)				
STA. 19+75 TO STA. 34+50 (RT/LT)	6,699.0	5,024.25	936.0	+4088.25
E. HARRISON AVE. (B)				
STA. 50+00 TO STA. 72+50 (RT/LT)	5,722.0	4,291.50	11,425.0	-7133.50
CONNECTOR RD.				
STA. 0+00 TO STA. 2+50 (RT/LT)	73.0	54.75	1,332.0	-1277.25
EXISTING E. HARRISON AVE.				
STA. 8+00 TO STA. 31+50 (RT/LT)	1,228.0	0.0	0.0	0.0
PE 1 (STA. 20+89.55 E. HARRISON (A) LT.)				
STA. 0+00 TO STA. 0+50	10.0	7.50	21.0	-13.50
FE 1 (STA. 21+66.65 (E. HARRISON (A) LT.)				
STA. 0+00 TO STA. 0+50	1.0	0.75	55.0	-54.25
PE 2 (STA. 21+49.95 (E. HARRISON (A) RT.)				
STA. 0+00 TO STA. 0+70	17.0	12.75	55.0	-42.25
PE 3 (STA. 67+89.16 (E. HARRISON (B) LT.)				
STA 0+00 TO STA. 1+10	3.0	2.25	164.0	-161.75
PE 4 (STA. 69+62.15 E. HARRISON (B) RT.)				
STA. 0+00 TO STA. 0+80	7.0	5.25	40.0	-34.75
FE 2 (STA. 21+50 (EX. E. HARRISON RT.)				
STA. 0+10 TO STA. 0+70	0.0	0.0	41.0	-41.0
FE 3 (STA. 23+50 EX. E. HARRISON RT.)				
STA. 0+00 TO STA. 0+60	10.0	7.50	58.0	-50.50
FE 3 (STA. 616+50 IL 16 RT.)				
STA. 0+10 TO STA. 0+70	10.0	7.50	138.0	-130.5
PROJECT TOTAL	18,515.0	12,965.25	16,041.0	-3075.75

*EARTH EXCAVATION FOR EXISTING E. HARRISON AVE. IS SHOWN ON TOTAL BUT, NOT INCLUDED IN TOTAL FOR ADJUSTED FOR SHRINKAGE OR EARTHWORK BALANCE

SEEDING SCHEDULE			LENGTH	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRIGULTURAL GROUND LIMESTONE	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
STATION	TO	STATION	FEET	ACRE	POUND	POUND	POUND	TON	ACRE	POUND
IL 16										
599+00.00	TO	606+50.00	750.0	0.5	47.5	47.5	47.5	1.1	0.5	52.8
599+00.00	TO	606+50.00	750.0	0.5	47.6	47.6	47.6	1.1	0.5	52.8
608+50.00	TO	616+45.89	795.9	0.6	50.5	50.5	50.5	1.1	0.6	56.1
608+50.00	TO	616+45.89	795.9	0.6	57.5	57.5	57.5	1.3	0.6	63.9
E. Harrison Ave. (A)										
20+00.00	TO	27+22.53	722.5	0.4	37.5	37.5	37.5	0.8	0.4	41.6
20+00.00	TO	27+22.53	722.5	0.4	37.2	37.2	37.2	0.8	0.4	41.3
27+80.99	TO	34+25.00	644.0	0.3	22.7	22.7	22.7	0.5	0.3	25.2
27+80.99	TO	34+25.00	644.0	0.3	26.1	26.1	26.1	0.6	0.3	29.0
E. Harrison Ave. (B)										
50+50.00	TO	72+25.00	2,175.0	1.3	116.7	116.7	116.7	2.6	1.3	129.6
50+50.00	TO	72+25.00	2,175.0	1.4	124.9	124.9	124.9	2.8	1.4	138.8
Connector Rd.										
0+15.83	TO	2+18.90	203.1	0.1	9.7	9.7	9.7	0.2	0.1	10.8
0+15.83	TO	2+18.90	203.1	0.1	9.5	9.5	9.5	0.2	0.1	10.6
Existing E. Harrison Ave.										
8+00.00	TO	14+00.00	600.0	0.5	43.4	43.4	43.4	0.0	0.5	48.2
15+00.00	TO	16+55.90	155.9	0.2	15.7	15.7	15.7	0.0	0.2	17.4
22+90.78	TO	31+50.00	859.2	0.8	67.7	67.7	67.7	0.0	0.8	75.2
PROJECT TOTALS			12,196	8	714	714	714	13	8	793

HOT-MIX ASPHALT BASE COURSE STATION OFFSET (IL16) SCHEDULE

LOCATION				BSE CSE WIDTH
STATION	DIRECTION	EOP(FT)	BSE CSE(FT)	
599+20.17	RT	15.26	18.25	3.0
599+20.17	LT	15.13	18.00	2.9
599+31.80	RT	15.01	18.00	3.0
599+49.28	LT	14.22	18.00	3.8
599+50.59	RT	14.59	18.00	3.4
599+99.91	LT	12.97	18.00	5.0
600+00.69	RT	13.55	18.00	4.5
600+49.22	RT	12.68	18.00	5.3
600+50.10	LT	12.04	18.00	6.0
600+99.22	LT	11.47	18.00	6.5
601+00.03	RT	11.95	18.00	6.1
601+48.52	LT	11.40	18.00	6.6
601+50.33	RT	11.72	18.00	6.3
602+01.04	RT	12.13	19.87	7.7
602+49.90	LT	11.36	18.00	6.6
602+50.09	RT	12.03	22.84	10.8
602+99.81	LT	11.44	18.00	6.6
603+00.81	RT	12.35	25.90	13.6
603+50.40	LT	11.49	18.00	6.5
603+51.11	RT	12.15	28.93	16.8
603+99.98	LT	11.61	18.00	6.4
604+00.93	RT	12.34	31.94	19.6
604+49.99	RT	12.05	34.00	22.0
604+50.71	LT	11.67	18.00	6.3
604+99.38	LT	11.66	18.00	6.3
605+00.94	RT	12.00	34.00	22.0
605+77.97	LT	11.58	18.00	6.4
606+02.01	RT	12.13	34.00	21.9
606+55.29	RT	12.03	34.00	22.0
608+44.00	LT	11.60	18.00	6.4
608+48.72	LT	11.57	18.00	6.4
608+99.67	LT	11.84	18.00	6.2
609+21.13	RT	12.07	18.00	5.9
609+45.80	LT	11.89	18.00	6.1
609+99.25	RT	11.73	18.00	6.3
610+49.90	LT	12.90	18.00	5.1
610+63.06	RT	12.47	18.00	5.5
610+99.83	LT	11.81	18.00	6.2
611+00.23	RT	12.89	17.61	4.7
611+49.87	LT	11.85	18.00	6.2
611+49.91	RT	11.73	17.08	5.4
611+99.71	RT	11.84	16.55	4.7
612+00.32	LT	11.95	18.00	6.1
612+49.51	LT	11.90	18.00	6.1
612+50.38	RT	12.18	16.01	3.8
613+00.64	RT	11.99	15.48	3.5
613+05.24	LT	11.86	18.00	6.1

LOCATION				BSE CSE WIDTH
STATION	DIRECTION	EOP(FT)	BSE CSE(FT)	
613+28.12	LT	12.00	18.00	6.0
613+49.94	RT	11.72	14.95	3.2
613+51.07	LT	11.33	17.54	6.2
613+71.82	RT	11.75	14.72	3.0
613+97.88	LT	11.80	16.60	4.8
614+00.33	RT	11.80	14.75	3.0
614+49.16	LT	11.93	15.58	3.7
614+50.02	RT	11.81	14.79	3.0
614+80.72	LT	11.94	14.95	3.0
614+98.49	LT	11.94	14.94	3.0
614+99.70	RT	11.79	14.83	3.0
615+48.98	LT	11.81	14.92	3.1
615+50.02	RT	11.85	14.87	3.0
616+45.89	RT	11.96	14.95	3.0
616+45.89	LT	11.89	14.89	3.0

SIGNING SCHEDULE			SIGN TYPE	SIGN PANEL-TYPE 1	REMOVE SIGN PANEL ASSEMBYLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	RELOCATE SIGN PANEL ASSEMBLY-TYPE A	RELOCATE SIGN PANEL ASSEMBLY-TYPE B	OBJECT MARKER-TYPE 3	TELESCOPING STEEL SIGN SUPPORT	REMOVE, STORE AND RE-ERECT SIGN PANEL	REMOVE SIGN PANEL ASSEMBLY-TYPE B (SPECIAL)	OBJECT MARKER-TYPE 4	RELOCATED STATION
LOCATION														
STATION	ROADWAY	SIDE		SQ. FT.	EACH	SQ. FT.	EACH	EACH	EACH	FOOT	SQ. FT.	EACH	EACH	
598+10.30	IL 16	RT.	R2-1	7.5		5.0				15.5				
601+70.00	IL 16	RT.	R4-4	7.5						14.4				
602+50.00	IL 16	RT.	W2-1							17.9				
			W16-8aP											
603+00.00	IL 16	LT.	W3-5	9.0						16.1				
603+27.70	IL 16	RT.	W2-1								9.0			602+50.00
			W16-8aP								9.0			
603+27.70	IL 16	RT.	W6-3								9.0			614+00.00
603+27.70	IL 16	LT.	W2-1		1									
			W16-8aP											
604+40.50	IL 16	RT.	R3-7R	6.25						15.8				
604+71.50	IL 16	LT.	SPEED ZONE AHEAD		1									
			35 MPH											
605+29.50	IL 16	RT.	TURNING VEHICLES			9.0								
605+60.60	IL 16	LT.	I1-I100							14.1	12.5			605+60.60
			I1-I100							15.1				
607+24.00	IL 16	LT.	R1-1	9.0						12.6				
			W4-4P	4.5										
607+43.70	IL 16	LT.	W6-1			9.0								
607+76.20	IL 16	RT.	R1-1	9.0						12.6				
			W4-4P	4.5										
608+00.00	IL 16	LT.	CO. RD. SIGNS							13.8				
610+02.40	IL 16	RT.	R1-1		1									
			W4-4P											
610+05.00	IL 16	LT.	R1-1									1		
			W4-4P											
610+44.40	IL 16	LT.	R1-1					1						606+97.00
			W4-4P											
610+53.30	IL 16	RT.	R1-1									1		
			W4-4P											
610+66.40	IL 16	LT.	CO. RD. SIGNS				1							608+00.00
613+00.00	IL 16	LT.	W2-1							17.2				
			W16-8aP											
614+00.00	IL 16	RT.	W6-3							16.8				
615+29.50	IL 16	LT.	TURNING VEHICLES			9.0								
617+27.70	IL 16	RT.	W2-1		1									
			W16-8aP											
617+27.70	IL 16	RT.	R2-1	7.5						15.0				
617+27.70	IL 16	LT.	W2-1					1						613+00.00
			W16-8aP											
SHEET TOTALS				65	4	32	1	2	0	197	40	2	0	

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-sch.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET 8 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	30
		CONTRACT NO. 74423		
		ILLINOIS FED. AID PROJECT		

SIGNING SCHEDULE (Cont'd)

LOCATION			SIGN TYPE	SIGN PANEL-TYPE 1	REMOVE SIGN PANEL ASSEMBYLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	RELOCATE SIGN PANEL ASSEMBLY-TYPE A	RELOCATE SIGN PANEL ASSEMBLY-TYPE B	OBJECT MARKER-TYPE 3	TELESCOPING STEEL SIGN SUPPORT	REMOVE, STORE AND RE-ERECT SIGN PANEL	REMOVE SIGN PANEL ASSEMBLY-TYPE B (SPECIAL)	OBJECT MARKER-TYPE 4	RELOCATED STATION
STATION	ROADWAY	SIDE		SQ. FT.	EACH	SQ. FT.	EACH	EACH	EACH	FOOT	SQ. FT.	EACH	EACH	
617+27.70	IL 16	LT.	R2-1	7.5						15.0				
1+85.00	E. HARRISON (A)	RT.	W1-2R	9.0						16.9				
			W13-1P	2.25										
7+89.50	E. HARRISON (A)	RT.	W3-1								9.0			22+48.90
20+50.00	E. HARRISON (A)	LT.	W1-8	3.0						14.3				
			W1-8	3.0										
21+38.00	E. HARRISON (A)	LT.	R2-1							14.9				
22+48.90	E. HARRISON (A)	RT.	W3-1							16.8				
22+72.00	E. HARRISON (A)	LT.	W1-8	3.0						14.3				
			W1-8	3.0										
25+05.90	E. HARRISON (A)	LT.	W1-8	3.0						14.3				
			W1-8	3.0										
26+93.60	E. HARRISON (A)	RT.	R1-1							17.7				
			W4-4P											
28+09.50	E. HARRISON (A)	LT.	R1-1	9.0						17.7				
			W4-4P	4.5										
31+75.00	E. HARRISON (A)	RT.	W14- 1	9.0						16.8				
32+58.20	E. HARRISON (A)	RT.	OM3-R						1	12.4				
33+06.00	E. HARRISON (A)	RT.	OM3-R						1	12.4				
50+36.50	E. HARRISON (B)	LT.	R1-1	9.0						15.5				
55+30.50	E. HARRISON (B)	LT.	W3-1	9.0						16.7				
64+43.80	E. HARRISON (B)	LT.	W1-2R	9.0						17.3				
			W13-1P	2.3										
0+23.70	CONNECTOR	LT.	R1-1	9.0						15.5				
2+25.10	CONNECTOR	RT.	R1-1	9.0						14.5				
16+55.40	OLD E. HARRISON	CL	R11-I100	7.5						12.7				
16+55.40	OLD E. HARRISON	RT.	OM4-3							12.3			1	
16+55.40	OLD E. HARRISON	LT.	OM4-3							12.3			1	
20+41.80	OLD E. HARRISON	LT.	W3-1			9.0								
36+04.50	OLD E. HARRISON	LT.	W1-3			9.0								
38+20.50	OLD E. HARRISON	LT.	W1-2L	9.0						17.1				
			W13-1P	2.25										
SHEET TOTALS				125	0	18	0	0	2	317.4	9.0	0	2	
PROJECT TOTALS				190	4	50	1	2	2	514	49	2	2	

FURNISH AND ERECT R.O.W. MARKERS SCHEDULE

LOCATION		QUANTITY
IL16		
	599+00.00 RT. 69.0'	1
	599+00.00 LT. 59.0'	1
	602+00.00 RT. 84.0'	1
	602+00.00 LT. 79.0'	1
	606+60.00 RT. 84.0'	1
	606+75.00 LT. 79.0'	1
	608+30.00 LT. 59.0'	1
E. HARRISON AVE. (A)		
	19+00.00 RT. 39.0'	1
	20+85.23 RT. 59.0'	1
	24+33.69 RT. 59.0'	1
	24+33.69 LT. 59.0'	1
	24+58.83 RT. 59.0'	1
	26+00.00 RT. 59.0'	1
	26+00.00 LT. 59.0'	1
	29+03.91 LT. 89.99'	1
	29+50.00 RT. 64.0'	1
	29+88.14 LT. 58.39'	1
	30+75.41 RT. 64.0'	1
	30+75.41 LT. 59.0'	1
	31+01.07 RT. 64.0'	1
	32+59.80 RT. 64.0'	1
	33+00.00 RT. 59.0'	1
	34+25.00 RT. 11.74'	1
E. HARRISON AVE. (B)		
	50+46.66 RT. 54.0'	1
	50+59.89 LT. 54.0'	1
	54+63.49 RT. 54.0'	1
	54+63.49 LT. 54.0'	1
	59+43.86 RT. 54.0'	1
	59+43.86 LT. 54.0'	1
	60+28.07 LT. 54.0'	1
	61+00.00 RT. 54.0'	1
	61+38.07 LT. 59.0'	1
	62+50.00 LT. 59.0'	1
	63+98.31 RT. 64.0'	1
	63+98.31 LT. 69.0'	1
	65+25.00 LT. 69.0'	1
	66+25.00 RT. 64.0'	1
	66+62.08 LT. 59.0'	1
	68+00.00 RT. 44.0'	1
	70+00.00 RT. 54.0'	1
	70+70.00 RT. 54.0'	1
	72+00.00 RT. 54.0'	1
	73+50.00 RT. 39.0'	1
CONNECTOR RD.		
	02+06.71 RT. 39.0'	1
	02+21.20 LT. 39.0'	1
	TOTAL =	45.0

PERMANENT SURVEY MARKERS, TYPE I SCHEDULE

LOCATION		TYPE	QUANTITY	DESCRIPTION
E. HARRISON AVE. (A)				
CL	20+00.00	POT	1.0	STA. EQ. STA. 20+00.00 (E. HARRISON AVE. (A)) =
				STA. 6+00.00 (E. HARRISON AVE.)
CL	20+85.23	PC	1.0	
CL	22+72.03	PI	1.0	
CL	24+58.83	PT	1.0	
CL	28+22.49	PC	1.0	
CL	29+48.95	PI	1.0	
CL	30+75.41	PT	1.0	
CL	31+53.28	POT	1.0	STA. EQ. STA. 50+00.00 (E. HARRISON AVE. (B)) =
				STA. 31+53.28 (E. HARRISON AVE. (A))
E. HARRISON AVE. (B)				
CL	54+63.49	PC	1.0	
CL	57+17.38	PI	1.0	
CL	59+43.86	PT	1.0	
CL	60+83.06	POT	1.0	STA. EQ. STA. 0+00.00 (CONNECTOR) =
				STA. 60+83.06 (E. HARRISON AVE. (B))
CL	63+98.31	PC	1.0	
CL	67+36.39	PI	1.0	
CL	70+74.47	PT	1.0	
CL	72+84.18	POT	1.0	STA. EQ. STA. 72+84.18 (E. HARRISON AVE. (B)) =
				STA. 35+30.22 (OLD E. HARRISON AVE. RD.)
		TOTAL =	16.0	

PERMANENT SURVEY MARKERS, TYPE II SCHEDULE

	LOCATION	TYPE	QUANTITY	DESCRIPTION
IL 16				
CL	599+00.00	POT	1.0	
CL	607+50.00	PI	1.0	PI W/ E. HARRISON AVE. (A) STA. 27+51.69
CL	620+00.00	POT	1.0	
		TOTAL =	3.0	

PERMANENT SURVEY MARKERS, TYPE III SCHEDULE

LOCATION		TYPE	QUANTITY	DESCRIPTION
E. HARRISON AVE. (B)				
51.51' RT.	57+17.38	PI	1.0	PI STA. 57+17.38
EXISTING E. HARRISON AVE.				
37.96' LT.	10+54.78	PI	1.0	PI STA. 10+54.78
		TOTAL =	2.0	

PROTECTING OR RESETTING SURVEY MARKERS SCHEDULE

LOCATION		TYPE	QUANTITY	DESCRIPTION
IL 16				
CL	599+00.00	POT	1.0	
CL	607+50.00	POT	1.0	E. HARRISON AVE. (A) STA. 27+51.69
CL	620+00.00	POT	1.0	
E. HARRISON AVE. (A)				
CL	20+00.00	POT	1.0	STA. EQ. 6+00.00 (BK) = 20+00.00 (AH)
CL	22+72.03	PI	1.0	
	22+86.91	PI	1.0	47.967' LT.
CL	24+58.83	PT	1.0	
CL	28+22.49	PC	1.0	
CL	29+48.95	PI	1.0	
	29+53.34	PI	1.0	20.857' LT.
CL	30+75.41	PT	1.0	
CL	31+53.28	POT	1.0	E. HARRISON AVE. (B) STA. 50+00.00
E. HARRISON AVE. (B)				
CL	54+63.49	PC	1.0	
CL	57+03.67	PI	1.0	
	57+17.38	PI	1.0	51.508' RT.
CL	59+43.86	PT	1.0	
CL	60+83.06	POT	1.0	CONNECTOR RD. STA. 0+00.00
CL	63+98.31	PC	1.0	
CL	67+36.39	PI	1.0	
	67+55.91	PI	1.0	72.949' LT.
CL	70+74.47	PT	1.0	
CL	72+84.18	POT	1.0	STA. EQ. 72+84.18 (BK) = 33+20.50 (AH)
EX. E. HARRISON AVE.				
	10+54.78	PI	1.0	37.596' LT.
CL	41+23.32		1.0	
CL	72+90.00		1.0	
		TOTAL =	25.0	

SURVEY MARKER VAULT SCHEDULE

LOCATION		QUANTITY
IL 16		
CL	599+00.00	1.0
CL	607+50.00	1.0
CL	620+00.00	1.0
	TOTAL =	3.0

DRAINAGE SCHEDULE	REMOVE EXISTING STRUCTURES	REMOVING CATCH BASINS	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL	BOX CULVERT END SECTIONS, NO. 1	BOX CULVERT END SECTIONS, NO 2	PRECAST REINFORCED CONCRETE FLARED END SECTION, 18"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	METAL END SECTIONS, 15"	METAL END SECTIONS, 18"	METAL END SECTIONS, 30"	PIPE CULVERTS, CLASS A, TYPE1, 18"	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS A, TYPE 2, 24"	PIPE CULVERTS, CLASS D, TYPE 1, 15"	PIPE CULVERTS, CLASS D, TYPE 2, 15"	PIPE CULVERTS, CLASS D, TYPE 1, 18"	PIPE CULVERTS, CLASS D, TYPE 2, 30"	PRECAST CONCRETE BOX CULVERTS, 6X2 (SPECIAL)	PRECAST CONCRETE BOX CULVERTS, 10X3 (SPECIAL)
LOCATION	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
IL 16																				
STA. 616+50.00, 43.2' RT.											2							45.5		
EX. E. HARRISON AVE.																				
STA. 06+89.55, 28.3' LT.			34.7																	
STA. 07+49.61, 25.1' RT.			27.8																	
STA. 13+86.35, 29.5' RT.				1																
STA. 13+96.74, AT CL			58.0																	
STA. 14+05.51, 23.6' LT.				1																
STA. 14+07.63, 34.0' RT.		1																		
STA. 14+07.22, 33.4' RT.			18.0																	
STA. 15+11.31, 35.5' LT.		1																		
STA. 15+11.66, 35.0' LT.			18.0																	
STA. 15+14.64, 23.3' RT.				1																
STA. 15+23.40, AT CL			58.0																	
STA. 15+34.04, 29.8' LT.				1																
STA. 21+50.00, 29.8' RT.										2							49.5			
STA. 23+50.00, 32.5' RT.										2							52.3			
STA. 26+47.65 AT CL	1																			
E. HARRISON AVE. (A)																				
STA. 20+89.55 30.7' LT									2						33.0					
STA. 21+49.95 31.7' RT.									2						33.5					
STA. 21+66.65 31.2' LT.									2						40.0					
STA. 26+50.00								2					79.0							
STA. 28+50.00					2														82.0	
E. HARRISON AVE. (B)																				
STA. 50+40.04							2					74.5								
STA. 64+51.44						2														74.0
STA. 67+89.16 38.8' LT.									2							50.5				
STA. 69+62.15 30.7' RT.									2						26.0					
CONNECTOR RD.																				
STA. 00+40.16								2						75.5						
STA. 02+22.10							2					71.5								
PROJECT TOTALS	1	2	215	4	2	2	4	4	10	4	2	146.0	79.0	75.5	132.5	50.5	102	46	82	74

PERMIMETER EROSION BARRIER SCHEDULE

STATION			LOCATION	QUANTITY (FT)	STATION			LOCATION	QUANTITY (FT)	STATION			LOCATION	QUANTITY (FT)
IL 16					E. HARRISON B									
599+00.00	TO	602+00.00	LT./RT.	600.0	50+50.10	TO	54+63.50	55.0' RT.	413.4	30+44.50	TO	31+82.70	40.0' LT.	138.2
602+00.00	TO	606+60.00	RT.	460.0	54+63.50	TO	59+43.90	55.0' RT.	524.4	31+82.70	TO	31+89.90	40.0' LT. TO 43.9' LT.	8.2
602+00.00	TO	606+75.00	LT.	475.0	59+43.90	TO	61+00.00	55.0' RT.	156.1	31+89.90	TO	32+39.40	43.9' LT. TO 44.7' LT.	49.5
608+41.70	TO	609+05.90	178.0' RT. TO 150.0' RT	73.3	61+00.00	TO	63+98.30	55.0' RT. TO 65.0' RT.	298.5	32+39.40	TO	32+54.80	44.7' LT. TO 40.0' LT.	16
609+05.90	TO	610+40.50	150.0' RT.	134.6	63+98.30	TO	66+25.00	65.0' RT. TO 55.0' RT.	210.1	32+54.80	TO	34+61.00	40.0' LT.	206.2
611+63.10	TO	616+94.70	RT.	531.6	66+25.00	TO	68+00.00	55.0' RT. TO 46.0' RT.	164.6					
613+97.10	TO	616+50.40	LT.	253.3	68+00.00	TO	70+00.00	46.0' RT. TO 55.0' RT.	187.9					
					70+00.00	TO	70+74.50	55.0' RT.	74.5					
E. HARRISON A					70+74.50	TO	72+00.00	55.0' RT.	125.5					
19+86.10	TO	20+00.30	40.0' RT. TO 50.8' RT.	17.9	72+00.00	TO	73+50.00	55.0' RT. TO 40.0' RT.	150.7					
20+00.30	TO	20+85.20	50.8' RT. TO 60.0' RT.	85.3	50+59.90	TO	54+63.50	55.0' LT.	403.6					
20+85.20	TO	24+58.80	60.0' RT.	317.6	54+63.50	TO	59+43.90	55.0' LT.	545					
24+58.80	TO	26+00.00	60.0' RT.	141.2	59+43.90	TO	60+28.10	55.0' LT.	84.2					
26+00.00	TO	26+71.70	60.0' RT. TO 75.0' RT.	73.2	61+38.10	TO	62+50.00	60.0' LT.	111.9					
19+88.70	TO	20+00.00	40.0' LT. TO 43.8' LT.	12.0	62+50.00	TO	63+98.30	60.0' LT. TO 70.0' LT.	148.6					
20+00.00	TO	20+78.70	43.8' LT.	78.7	63+98.30	TO	65+25.00	70.0' LT.	126.7					
21+01.00	TO	21+51.60	43.8' LT.	50.6	65+25.00	TO	66+62.10	70.0' LT. TO 60.0' LT.	147.8					
28+40.80	TO	29+50.00	89.7' RT. TO 65.0' RT.	91.2				0	0					
29+50.00	TO	30+75.40	65.0' RT.	125.4	PR CONNECTOR			0	0					
30+75.40	TO	32+59.80	65.0' RT.	184.4	00+60.00	TO	02+06.70	60.0' RT. TO 40.0' RT.	147.5					
32+59.80	TO	33+00.00	65.0' RT. TO 60.0' RT.	65.1	00+55.00	TO	02+21.20	55.0' LT. TO 40.0' LT.	166.9					
33+00.00	TO	33+94.30	60.0' RT. TO 33.9' RT.	80.3				0	0					
33+94.30	TO	34+34.10	33.9' RT. TO 28.9' RT.	40.2	EX. E. HARRISON AVE.			0	0					
29+03.90	TO	29+08.40	91.0' LT. TO 103.2' LT.	13.5	16+05.00	TO	16+89.00	40.0' RT.	89					
29+03.90	TO	29+88.10	91.0' LT. TO 57.4' LT.	105.1	16+89.00	TO	16+92.10	40.0' RT. TO 33.9' RT.	7					
29+88.10	TO	30+75.40	57.4' LT. TO 60.0' LT.	99.9	15+62.30	TO	16+26.10	105.9' RT. TO 40.0' RT.	91.7					
30+75.40	TO	30+98.40	60.0' LT.	23.0	16+26.10	TO	17+42.20	40.0' LT.	106.6					
32+08.40	TO	34+32.00	50.0' LT. TO 17.6' LT.	217.0	30+34.90	TO	30+44.50	46.9' LT. TO 40.0' LT.	11.7					
COLUMN TOTALS				4,349.4					4,493.9					418.1
PROJECT TOTAL														9,261.4

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-sch.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	34
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA SHEET 12 OF 13 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

TEMPORARY DITCH CHECKS SCHEDULE

STATION IL 16		QTY (EACH)	QUANTITY (FT)	STATION		QTY (EACH)	QUANTITY (FT)	STATION		QTY (EACH)	QUANTITY (FT)
599+00.00	RT	1	7	20+88.50	RT	1	7	58+30.50	RT	1	7
599+99.00	RT	1	7	21+27.50	RT	1	7	59+98.00	RT	1	7
600+98.00	RT	1	7	21+72.00	RT	1	7	60+51.50	RT	1	7
601+97.00	RT	1	7	24+00.00	RT	1	7	62+07.00	RT	1	7
602+96.00	RT	1	7	25+11.00	RT	1	7	63+58.00	RT	1	7
603+95.00	RT	1	7	28+26.50	RT	1	7	65+76.00	RT	1	7
604+94.00	RT	1	7	28+86.50	RT	1	7	66+89.00	RT	1	7
605+63.50	RT	1	7	29+55.50	RT	1	7	69+32.50	RT	1	7
605+93.50	RT	1	7	30+51.50	RT	1	7	70+85.50	RT	1	7
606+23.50	RT	1	7	31+47.50	RT	1	7	72+75.00	RT	1	7
606+53.50	RT	1	7	32+43.00	RT	1	7	51+06.00	LT	1	7
608+00.00	RT	1	7	32+77.50	RT	1	7	51+66.50	LT	1	7
610+78.00	RT	1	7	33+09.00	RT	1	7	52+42.50	LT	1	7
612+91.50	RT	1	7	33+39.50	RT	1	7	53+50.00	LT	1	7
613+70.50	RT	1	7	00+33.70	RT	1	7	54+47.50	LT	1	7
614+49.50	RT	1	7	34+25.00	RT	1	7	55+23.50	LT	1	7
615+28.50	RT	1	7	20+00.00	LT	1	7	56+42.00	LT	1	7
616+07.50	RT	1	7	20+62.50	LT	1	7	57+88.00	LT	1	7
616+86.50	RT	1	7	20+92.00	LT	1	7	59+65.00	LT	1	7
599+00.00	LT	1	7	21+28.50	LT	1	7	63+00.50	LT	1	7
600+08.00	LT	1	7	21+72.50	LT	1	7	65+40.00	LT	1	7
601+16.00	LT	1	7	24+24.00	LT	1	7	66+91.00	LT	1	7
602+24.00	LT	1	7	24+88.50	LT	1	7	67+69.50	LT	1	7
603+32.00	LT	1	7	28+83.00	LT	1	7	70+71.00	LT	1	7
604+40.00	LT	1	7	29+27.00	LT	1	7	72+00.00	LT	1	7
605+32.00	LT	1	7	30+25.00	LT	1	7	CONNECTOR RD.			
605+91.50	LT	1	7	32+43.50	LT	1	7	00+65.00	RT	1	7
606+46.50	LT	1	7	32+62.00	LT	1	7	01+35.00	RT	1	7
608+00.00	LT	1	7	32+85.50	LT	1	7	01+22.50	LT	1	7
609+52.00	LT	1	7	33+08.00	LT	1	7				
611+04.00	LT	1	7	33+54.00	LT	1	7				
612+12.50	LT	1	7	34+25.00	LT	1	7				
613+00.50	LT	1	7	E. HARRISON AVE (B)							
613+88.50	LT	1	7	50+76.00	RT	1	7				
614+76.50	LT	1	7	51+32.00	RT	1	7				
615+64.50	LT	1	7	51+99.00	RT	1	7				
616+52.50	LT	1	7	52+89.50	RT	1	7				
E. HARRISON AVE (A)				54+14.00	RT	1	7				
20+00.00	RT	1	7	55+29.00	RT	1	7				
20+37.00	RT	1	7	56+43.00	RT	1	7				
COLUMN TOTALS			273				273				196.0
PROJECT TOTAL											742.0

INLET AND PIPE PROTECTION SCHEDULE

STATION/LOCATION			QTY (EACH)
E. HARRISON AVE. A			
21+05.90		31.2' LT.	1
21+75.28		31.0' RT.	1
21+80.60		30.9' LT.	1
26+50.05		42.8' RT.	1
31+93.70		40.2' LT.	1
PR CONNECTOR			
00+38.49		40.1' LT.	1
02+29.41			1
PROJECT TOTAL			7

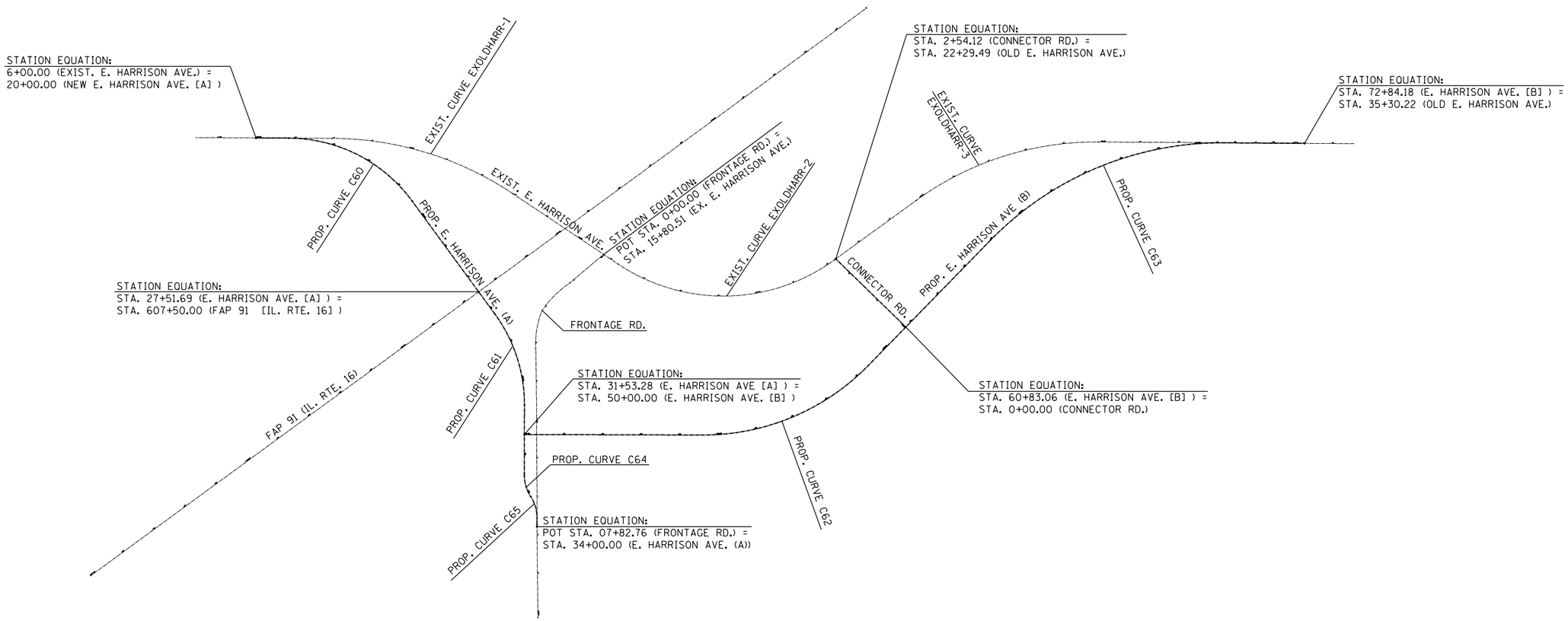
TEMPORARY RAMP SCHEDULE

LOCATION			LENGTH FEET	WIDTH FEET	AREA SQ YD
IL 16					
599+20.17	TO	599+56.17	6.0	35.5	23.6
616+09.89	TO	616+45.89	6.0	25.9	17.3
EX. E. HARRISON AVE.					
86+46.00	TO	87+51.00	6.0	20.0	13.3
				TOTAL =	54.3

EXIST. CURVE EXOLDHARR-1
PI STA. = 10+54.78
Δ = 33° 31′ 45″ (RT)
D = 6° 42′ 02″
R = 855.08′
T = 257.59′
L = 500.39′
E = 37.96′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 7+97.19
P.T. STA. = 12+97.59

EXIST. CURVE EXOLDHARR-2
PI STA. = 19+69.10
Δ = 69° 50′ 41″ (LT)
D = 11° 39′ 44″
R = 491.29′
T = 343.02′
L = 598.89′
E = 107.90′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 16+26.08
P.T. STA. = 22+24.98

EXIST. CURVE EXOLDHARR-3
PI STA. = 27+49.62
Δ = 36° 25′ 26″ (RT)
D = 7° 12′ 18″
R = 795.22′
T = 261.64′
L = 505.53′
E = 41.94′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 24+87.99
P.T. STA. = 29+93.52



PROP. CURVE C60
PI STA. = 22+86.91
Δ = 53° 30′ 52″ (RT)
D = 14° 19′ 26″
R = 400.00′
T = 201.68′
L = 373.60′
E = 47.97′
e = 2.0%
T.R. = 30.0′
S.E. RUN = 40.0′
P.C. STA = 20+85.23
P.T. STA = 24+58.83

PROP. CURVE C61
PI STA. = 29+53.34
Δ = 36° 13′ 39″ (RT)
D = 14° 19′ 26″
R = 400.00′
T = 130.85′
L = 252.92′
E = 20.86′
e = 0.0%
T.R. = NA
S.E. RUN = NA
P.C. STA = 28+22.49
P.T. STA = 30+75.41

PROP. CURVE C62
PI STA. = 57+17.38
Δ = 45° 52′ 20″ (LT)
D = 9° 32′ 57″
R = 600.00′
T = 253.90′
L = 480.37′
E = 51.51′
e = 5.0%
T.R. = 30.0′
S.E. RUN = 100.0′
P.C. STA = 54+63.49
P.T. STA = 59+43.86

PROP. CURVE C63
PI STA. = 67+55.91
Δ = 46° 07′ 12″ (RT)
D = 6° 49′ 15″
R = 840.00′
T = 357.60′
L = 676.15′
E = 72.95′
e = 6.0%
T.R. = 40.0′
S.E. RUN = 145.0′
P.C. STA = 63+98.31
P.T. STA = 70+74.47

PROP. CURVE C64
PI STA. = 32+89.61
Δ = 33° 12′ 03″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 29.81′
L = 57.95′
E = 4.35′
e = NA
T.R. = NA
S.E. RUN = NA
P.C. STA = 32+59.80
P.T. STA = 33+17.75

PROP. CURVE C65
PI STA. = 33+47.44
Δ = 33° 04′ 15″ (RT)
D = 57° 17′ 45″
R = 100.00′
T = 29.69′
L = 57.72′
E = 4.31′
e = NA
T.R. = NA
S.E. RUN = NA
P.C. STA = 33+17.75
P.T. STA = 33+75.47

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 300.0000 ′ / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

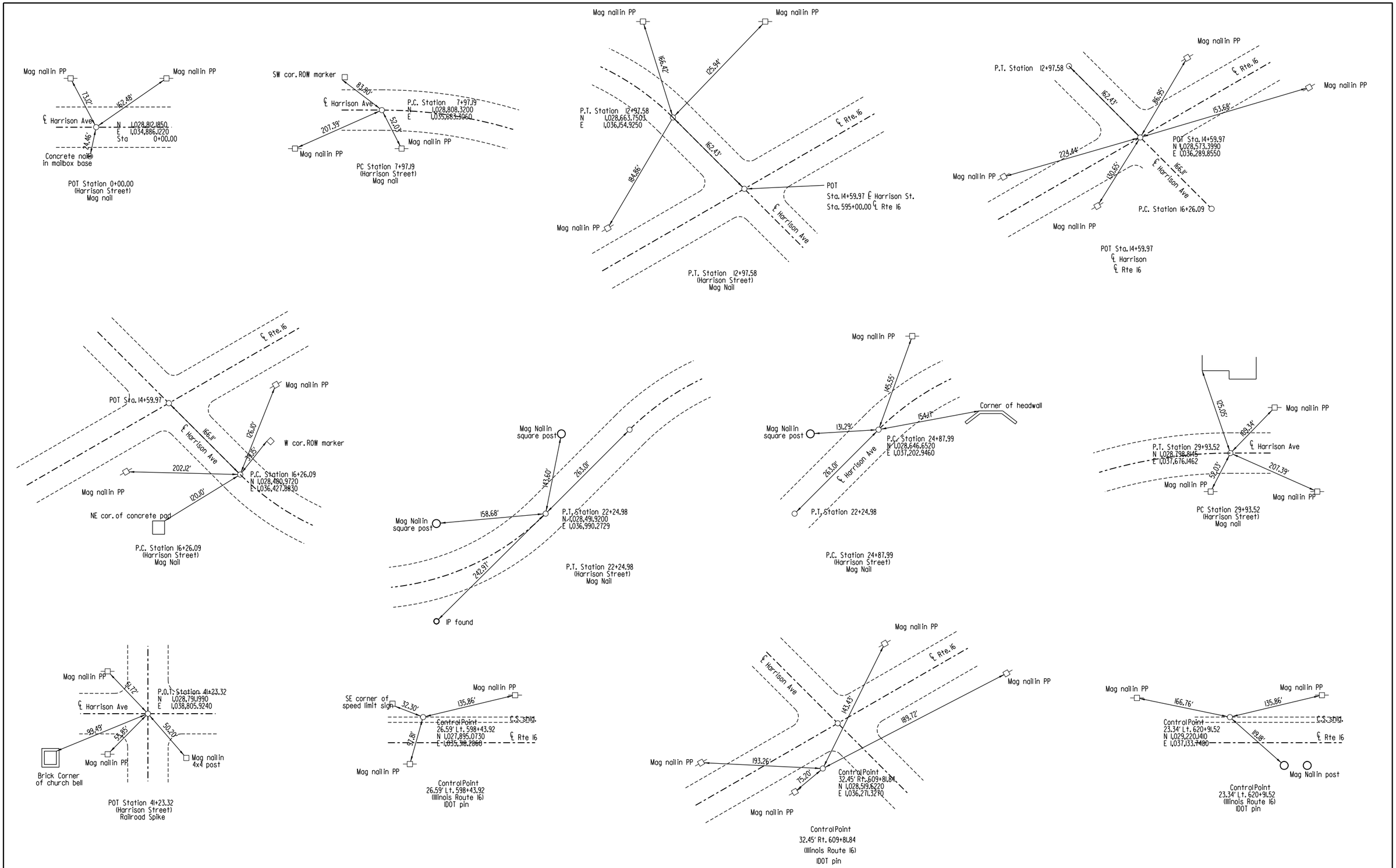
ALIGNMENT DETAIL

SCALE: 150 | SHEET 1 OF 1 SHEETS | STA. TO STA.

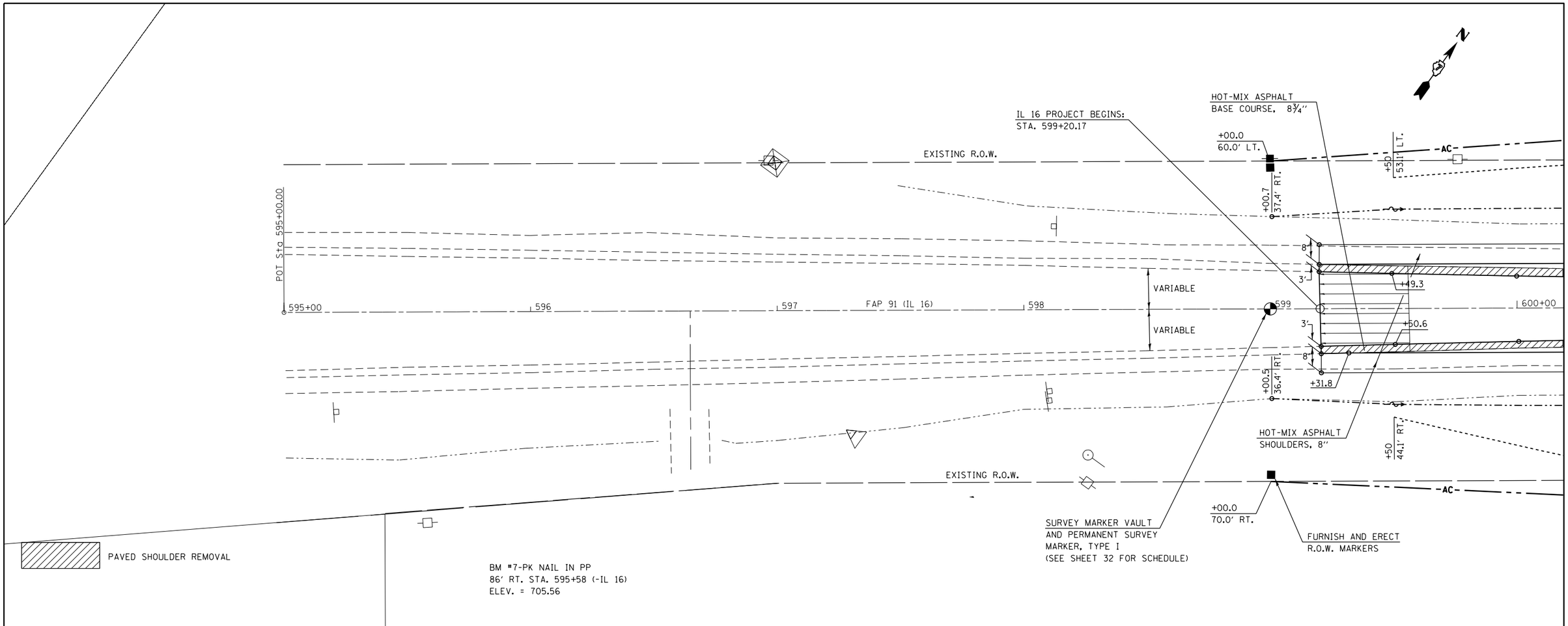
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	36

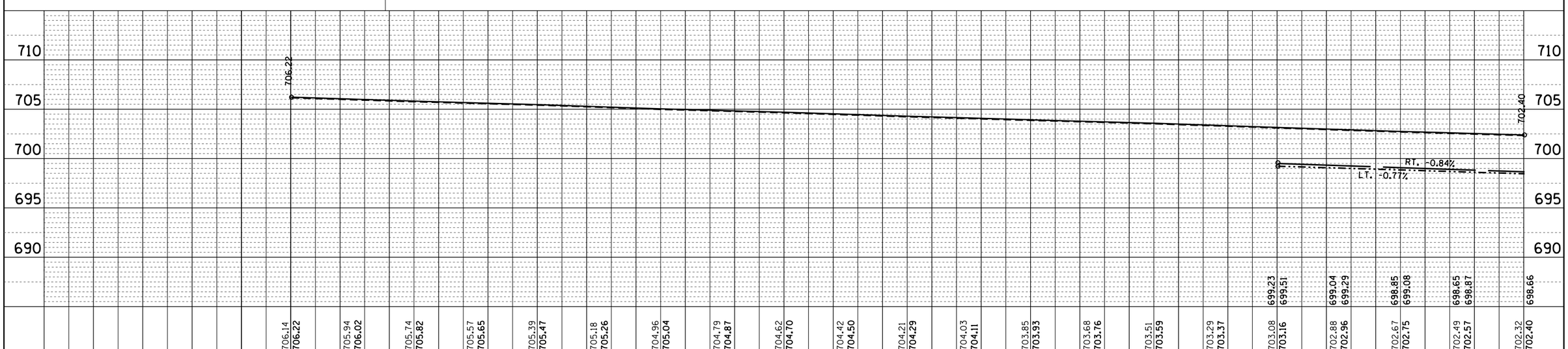
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-details.dgn		DRAWN -	REVISED -			91	5N	Coles	271 / 37
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423	
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: NA / SHEET 1 OF 1 SHEETS / STA. / TO STA.			ILLINOIS FED. AID PROJECT	





PLAN		BY	DATE
NOTE BOOK NO. ____	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO. ____	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	BKM. NOTED		
	STRUCTURE NOTATNS CHKD		

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

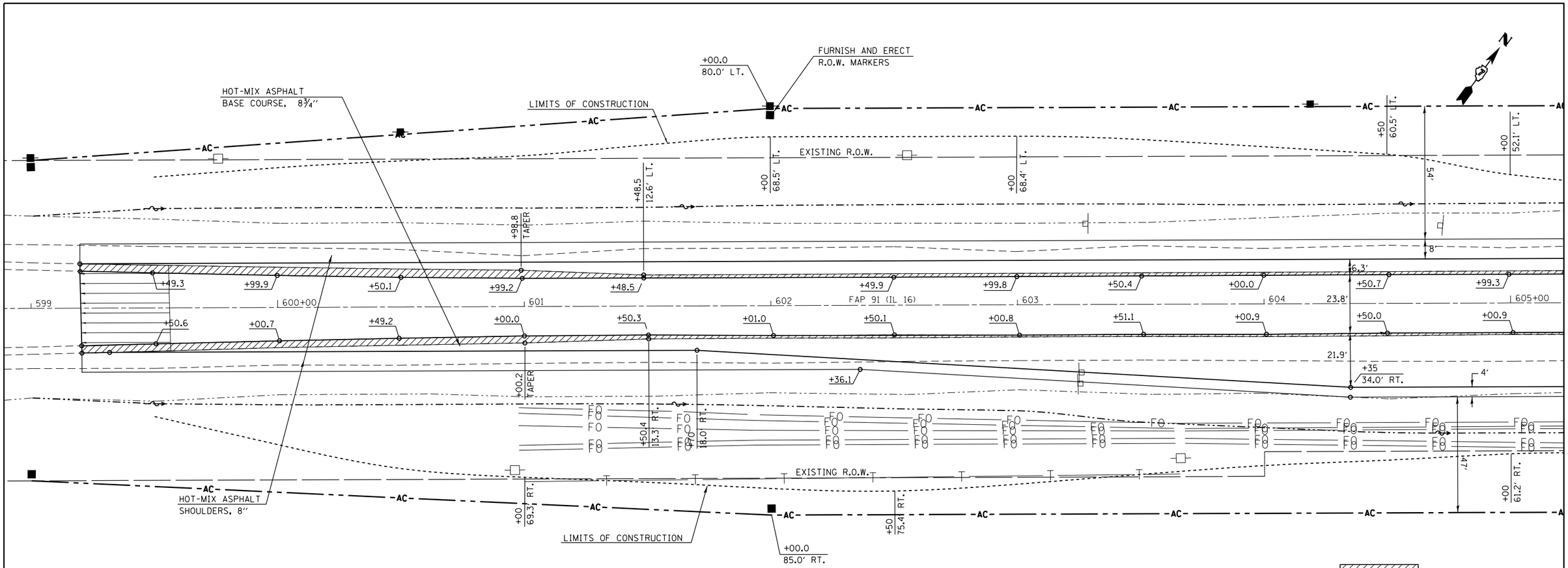
PLAN – PROFILE
IL. RTE. 16

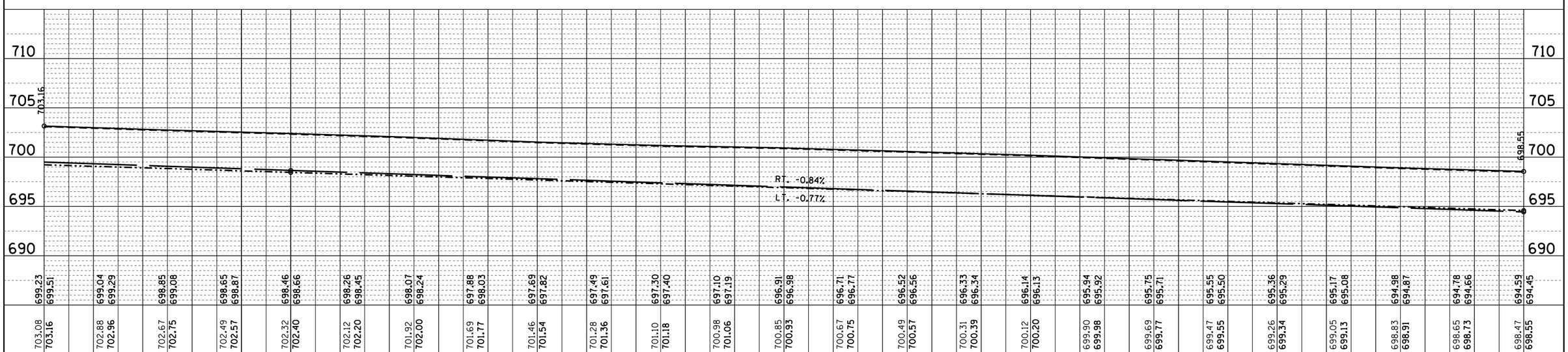
SCALE: 20 | SHEET 1 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	38

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT





FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN – PROFILE
IL. RTE. 16

SCALE: 20 | SHEET 2 OF 34 SHEETS | STA. | TO STA.

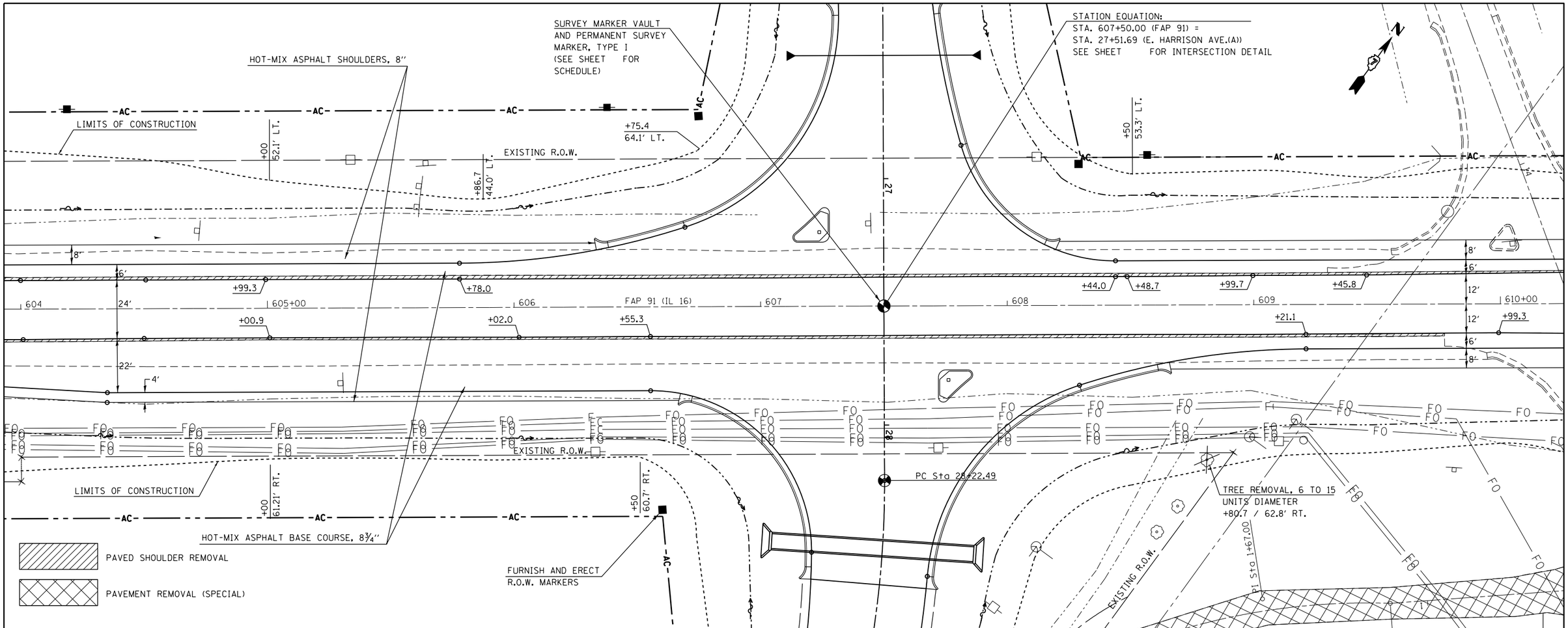
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	39

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — BY — DATE



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

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTAT'NS CH'KD			
NOTE BOOK NO.			

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -
		DRAWN -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -
Default Default	PLOT DATE = 5/7/2014	DATE -

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN – PROFILE
IL. RTE. 16

SCALE: 20 | SHEET 3 OF 34 SHEETS | STA. 604+00 TO STA. 610+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	40

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

BM #2-TOP OF DRILL HOLE
225; LT. STA. 611+20 (IL 16)
163' LT. STA. 12+83 (HARRISON AVE.)
ELEV. = 694.63

BM #3-PK NAIL IN PP
60' LT. STA. 610+92 (IL 16)
80' LT. STA. 14+25 (HARISON AVE.)
ELEV. = 694.76

WIDENING AND SHOULDERS TO BE CONSTRUCTED AFTER EXISTING E. HARRISON AVE. INTERSECTION IS REMOVED.

STATION EQUATION:
STA. 610+28.56 (FAP 91) =
STA. 14+59.97 (OLD E. HARRISON AVE.)

HOT-MIX ASPHALT BASE COURSE, 8¾"
AND HOT-MIX ASPHALT SHOULDERS, 8"
TO BE COMPLETED IN THIS AREA AFTER
REMOVAL OF PAVEMENT IN STAGE III

HOT-MIX ASPHALT SHOULDERS, 8"

LIMITS OF CONSTRUCTION

EXISTING R.O.W.

+29.9
11.9' LT.

+82.2
12.2' LT.

+45.8

+49.9 +99.8 +49.9 +00.3 +49.5 +05.2 +28.1 +51.1 +97.9 +49.2 +98.5

+80.7
14.9' LT.

3'

8'

11.9'

609 24' 610+00 611 612 FAP 91 (IL 16) 613 614 615+00

+21.1 +99.3 +63.1 +00.2 +49.9 +99.7 +50.4 +00.6 +49.9 +71.8 +00.3 +50.0 +99.7

11.8'

6' 8'

+77.3
11.9' RT.

+15.1
12.5' RT.

+50
14.8' RT.

EXISTING R.O.W.

HOT-MIX ASPHALT BASE COURSE, 8¾"

LIMITS OF CONSTRUCTION

TREE REMOVAL, 6 TO 15
UNITS DIAMETER
+59.9 / 49.8' RT. &
+72.6 / 53.2' RT.

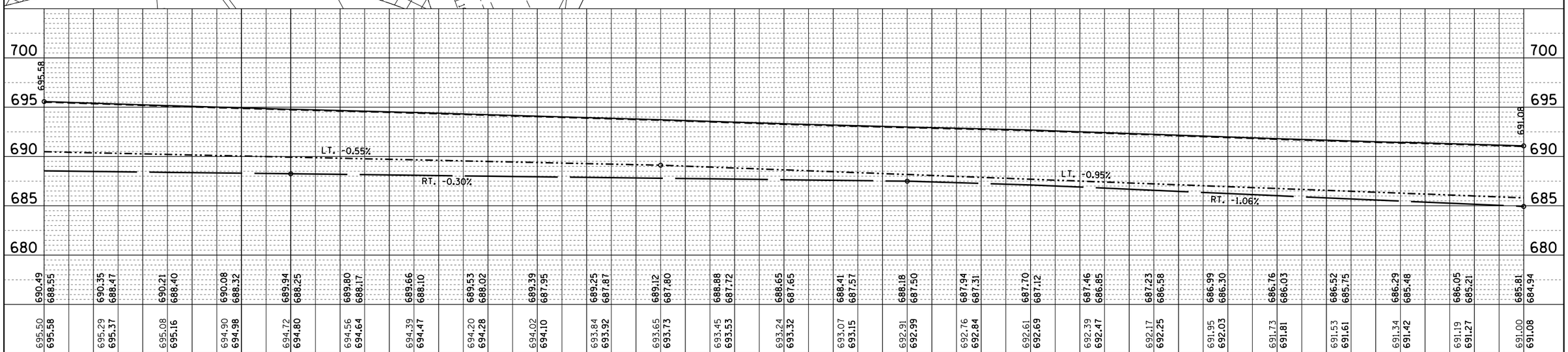
ROT Sta 0+00.00

EXISTING R.O.W.

STAGE III CONSTRUCTION

PAVED SHOULDER REMOVAL

PAVEMENT REMOVAL (SPECIAL)



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

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN – PROFILE
IL. RTE. 16

SCALE: 20 | SHEET 4 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	41

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

BM #8- CHISLED SQUARE ON E. END OF HEADWALL
ON S. SIDE OF IL 16
33' RT. STA. 620+00 (IL 16)
ELEV. = 682.19

HOT-MIX ASPHALT SHOULDERS, 8"

IL 16 PROJECT ENDS:
STA. 616+45.89

EXISTING R.O.W.

POT Sta 620+00.00

+34.0
19.88' LT.

Sta 0+00.00 (FE 4)
Sta. 616+50 (IL 16)

+49.2 +80.7 +98.5 +49.0
614 615+00 616 617 618 619
+50.0 +99.7 +50.0

+30.5
19.97' RT.

EXISTING R.O.W.

HOT-MIX ASPHALT BASE COURSE, 8¾"

TREE REMOVAL, 6 TO 15
UNITS DIAMETER
+47.68/57.6' RT.

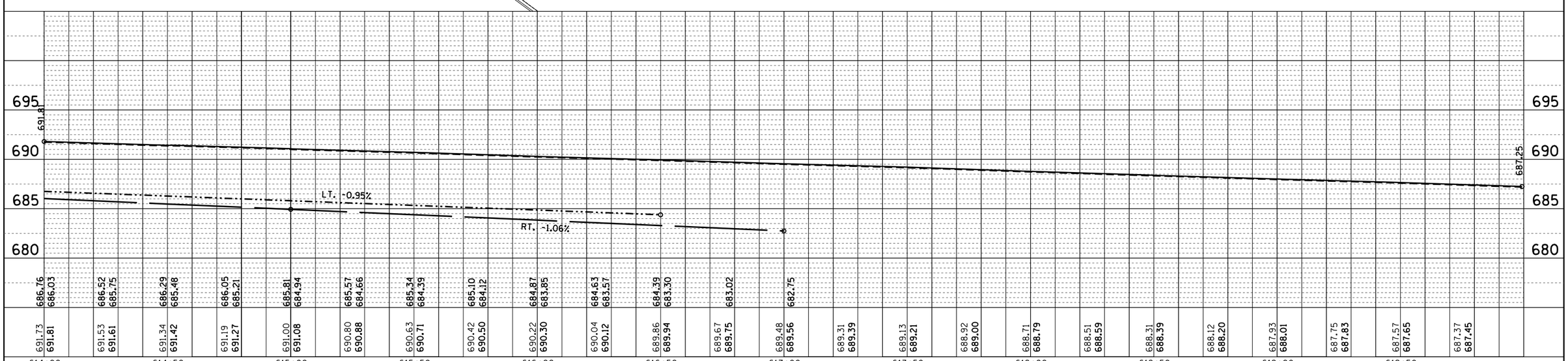
POT Sta 1+10.35

SURVEY MARKER VAULT
AND PERMENENT SURVEY
MARKER, TYPE I
(SEE SHEET FOR SCHEDULE)

PAVED SHOULDER REMOVAL

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CH'KD
NOTE BOOK
NO.
BY
DATE



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN – PROFILE IL. RTE. 16	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271 / 42
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423	
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 5 OF 34 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	

BM #1-"O" IN OPEN ON FIRE HYDRANT
19' RT. STA. 3+47 (HARRISON AVE.)
ELEV. = 688.93

PERMANENT SURVEY MARKERS, TYPE I
(SEE SHEET 32 FOR SCHEDULE)

E. HARRISON AVE. (A) BEGINS:
STA. 20+00.00

PIPE CULVERTS, CLASS D, TYPE 1, 15"
STA. 20+89.55, 30.7' LT.
LENGTH = 33.0'
0° SKEW
METAL END SECTIONS, 15"
2 EACH

INCIDENTAL HOT-MIX ASPHALT
SURFACING

PC Sta 20+85.23

PIPE CULVERTS, CLASS D, TYPE 1, 15"
STA. 21+66.65, 31.2' LT.
LENGTH = 40.0'
11° 00' 36" SKEW
METAL END SECTIONS, 15"
2 EACH

POT Sta 0+00.00 (FE 1) =
STA. 21+66.65 E. HARRISON AVE. (A)

AGGREGATE SURFACE COURSE, TYPE B

PROTECTING OR RESETTING
SURVEY MARKERS
(SEE SHEET 32 FOR SCHEDULE)

LIMITS OF CONSTRUCTION

PERMANENT SURVEY MARKERS, TYPE I

STAGE II
CONSTRUCTION

E. HARRISON AVE. (A)

E. HARRISON AVE. (OLD)

PROPOSED R.O.W.

EX. R.O.W.

+00.0
40.0' RT.

STATION EQUATION:
STA. 6+00.00 (BK) (EX. E. HARRISON AVE)=
STA. 20+00.00 (AH) (E. HARRISON AVE. (A))

PROPOSED MAILBOX
TURNOUT

+85.2
60.0' RT.

POT Sta 0+00.00 (PE 1) =
STA. 20+89.55 E. HARRISON AVE. (A)

POT Sta 0+00.00 (PE 2) =
STA. 21+49.95 E. HARRISON AVE. (A)

PIPE CULVERTS, CLASS D, TYPE 1, 15"
STA. 21+49.95, 31.5' RT.
LENGTH = 33.5'
10° 09' 23' SKEW
METAL END SECTIONS, 15"
2 EACH

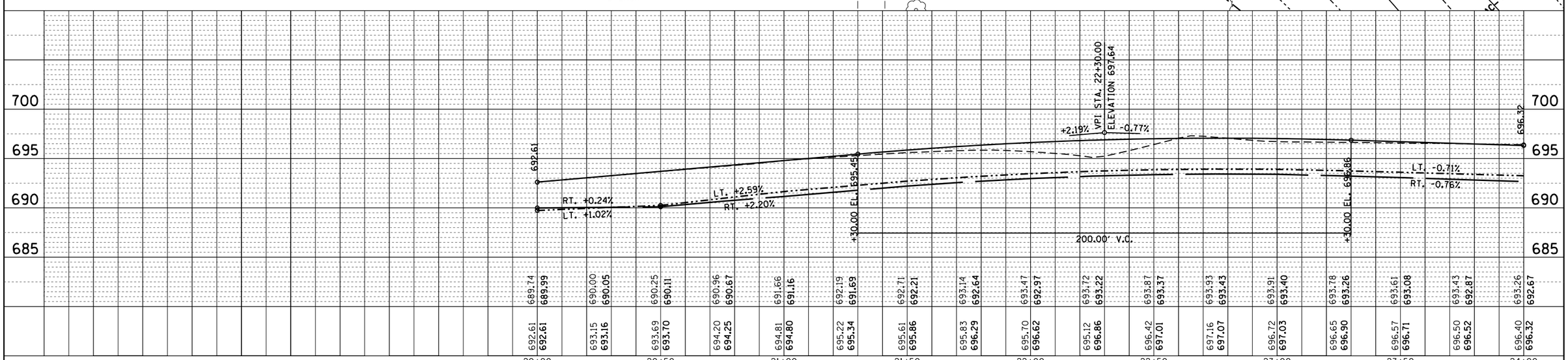
FURNISH AND ERECT
R.O.W. MARKERS

TREE REMOVAL, OVER 15 UNITS
+74.2/29.8' RT.

PROPOSED CURVE C60
(SEE SHEET 35 FOR
CURVE DATA)

LIMITS OF CONSTRUCTION

STAGE III CONSTRUCTION



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/7/2014	CHECKED -	REVISED -
Default		DATE -	REVISED -

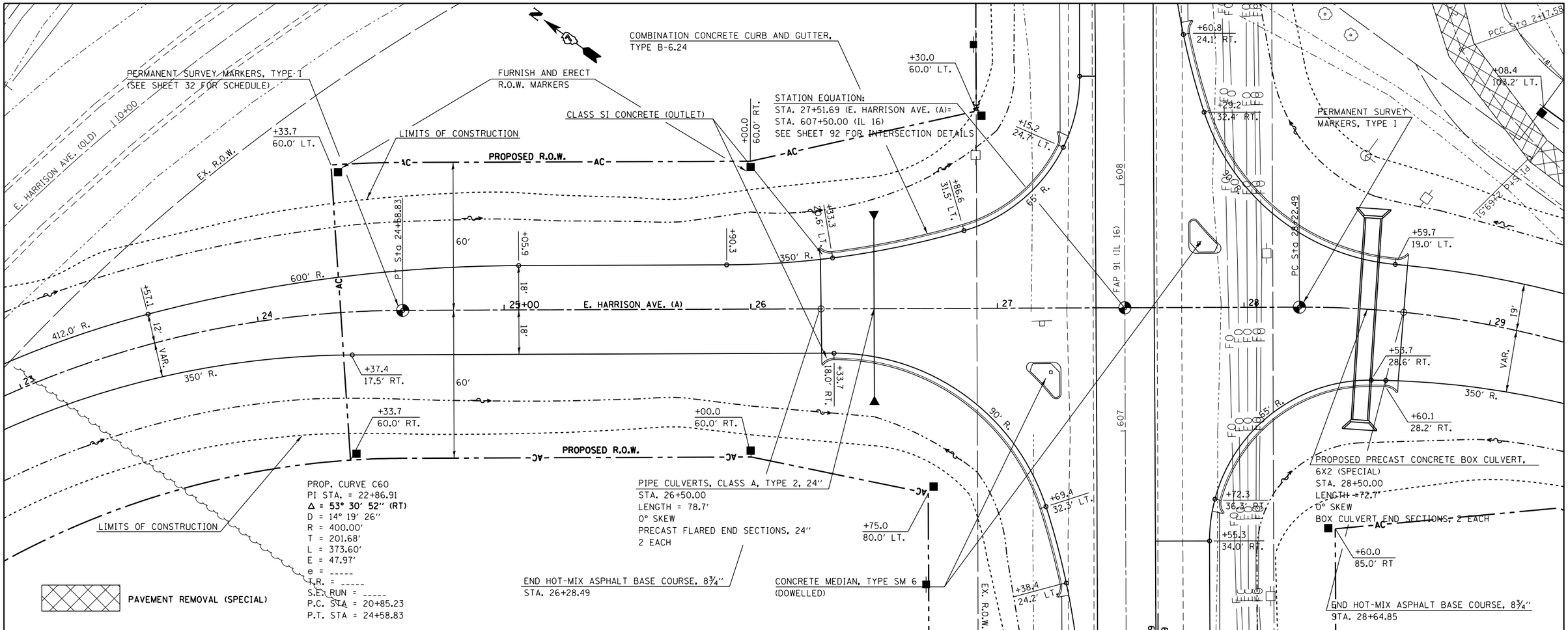
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. HARRISON AVE. (A) STAGE II &
STAGE III PLAN AND PROFILE

SCALE: 20 | SHEET 6 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	43

CONTRACT NO. 74423
ILLINOIS FED. AID PROJECT



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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BM. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. HARRISON AVE. (A) STAGE I
STAGE II PLAN AND PROFILE

SCALE: 20 | SHEET 7 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	44
		CONTRACT NO. 74423		
		ILLINOIS FED. AID PROJECT		

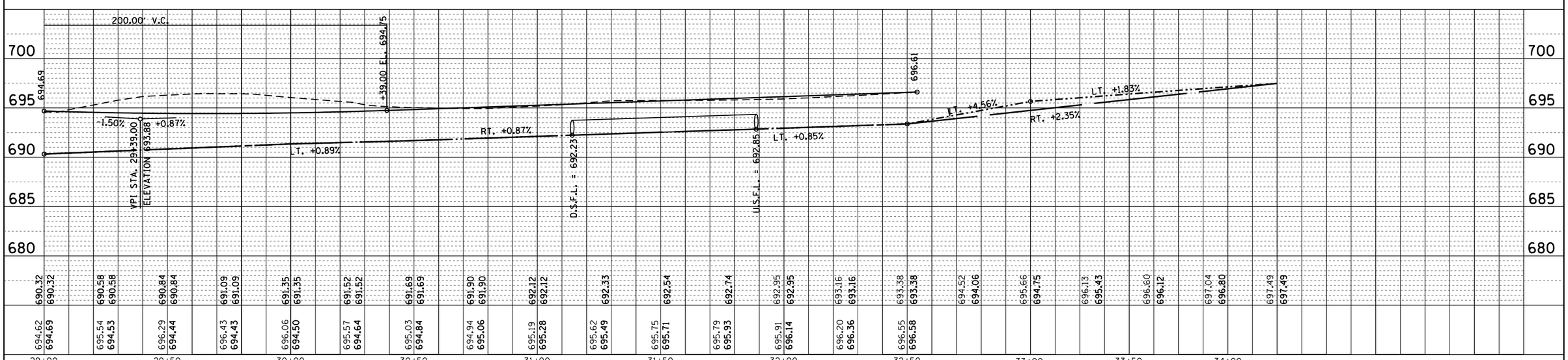
PROTECTING OR RESETTING SURVEY MARKERS (SEE SHEET 32 FOR SCHEDULE)

PIPE CULVERTS, CLASS A, TYPE 1, 18"
STA. 50+40.04
LENGTH = 74.5'
0° SKEW
PRECAST FLARED END SECTIONS, 18"
2 EACH

PT Sta 3+19.74
PI Sta 29+53.34
+88.1
57.4' LT.
STAGE LINE
+75.4
60.0' LT.
STAGE 1 CONSTRUCTION
+59.9
55.0' LT.
+59.0
E. HARRISON AVE (B)
12'
12'
51
+59.0
+59.0
+46.7
55.0' RT.
PROPOSED R.O.W.
AC
E. HARRISON AVE (A)
30+00
29
19'
VAR.
350' R.
PT Sta 30+75.4
19'
+83.4
+01.4
31
50+00
40' R.
40' R.
+05.4
32
19'
12'
33
POT Sta 32+54.30
PC Sta 32+59.80
PRC Sta 33+17.15
PI Sta 33+47.44
+60.2
6.0' LT.
PT Sta 33+75.47
POT Sta 34+00.00
8
9
+54.3
6.8' LT.
PI Sta 32+83.61
+68.5
5.4' RT
+98.4
65.0' RT.
+50.0
65.0' RT.
+75.4
65.0' RT.
FURNISH AND ERECT R.O.W. MARKERS
PROPOSED CURVE C61
(SEE SHEET 35 FOR CURVE DATA)
PERMANENT SURVEY MARKERS, TYPE I
POT STA. 50+00.00 (E. HARRISON AVE. (B))=
STA. 31+53.28 (E. HARRISON AVE. (A))
46'
+59.8
65.0' RT.
E. HARRISON AVE. (A) ENDS:
STA. 32+54.30
+00.0
60.0' RT.
+25.0
12.7' RT.
N
PAVEMENT REMOVAL (SPECIAL)

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

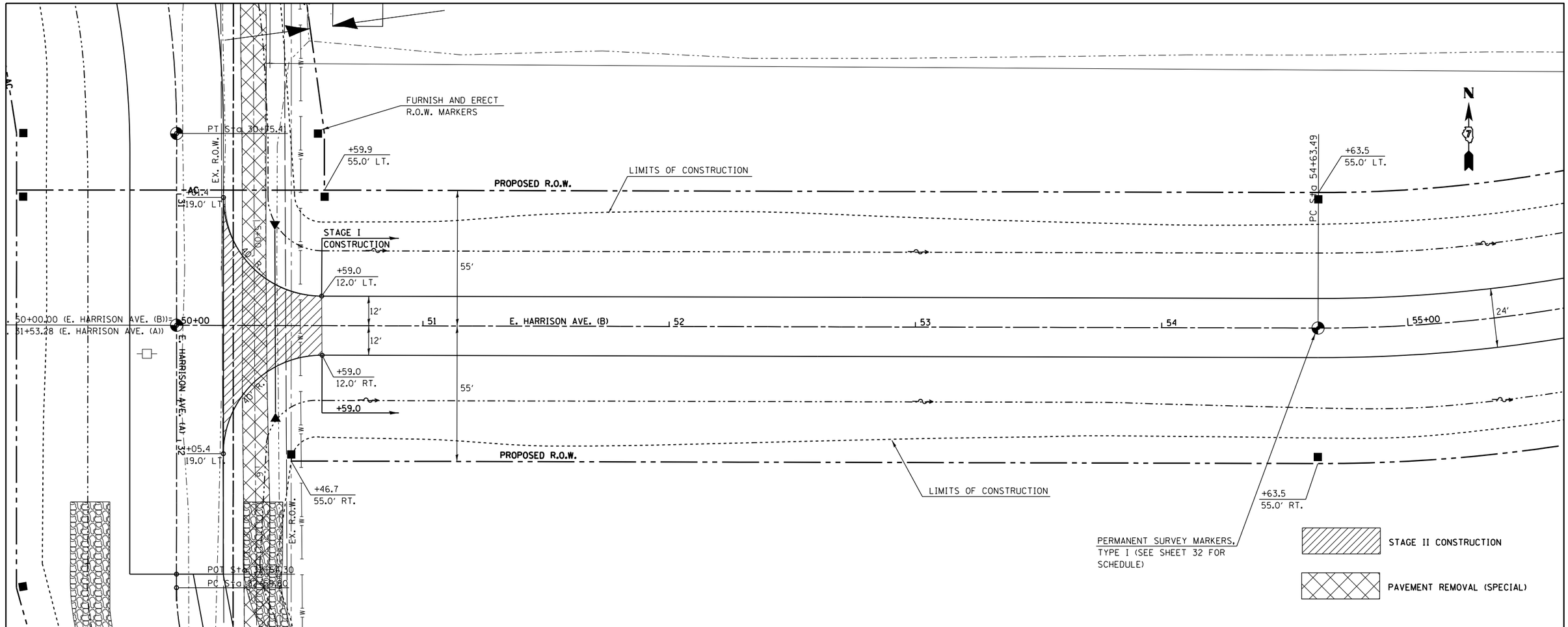
E. HARRISON AVE.
STAGE I PLAN AND PROFILE

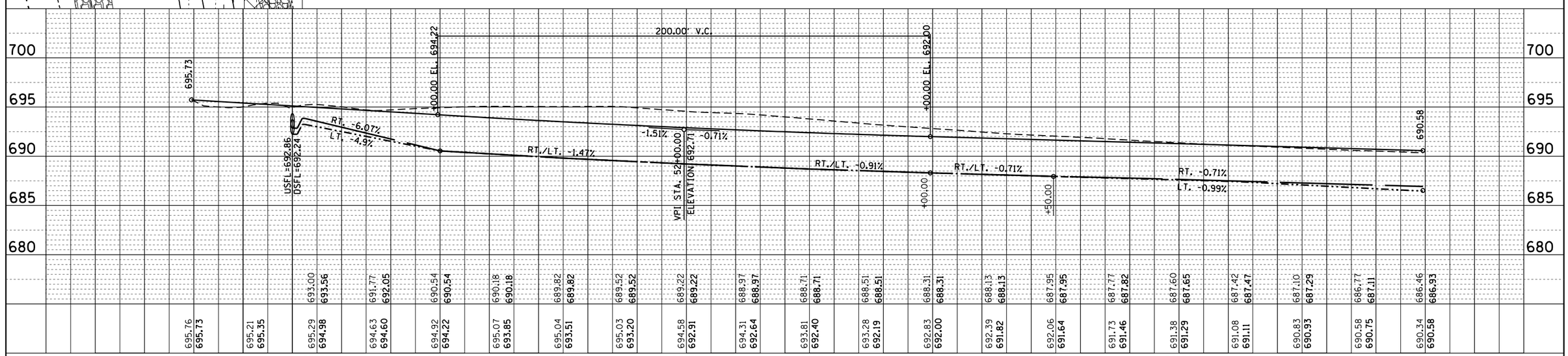
SCALE: 20 | SHEET 8 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	45

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT





PLAN		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO. ____	SURVEYED PLOTTED GRADES CHECKED BM. NOTED STRUCTURE NOTATNS CHKD		

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

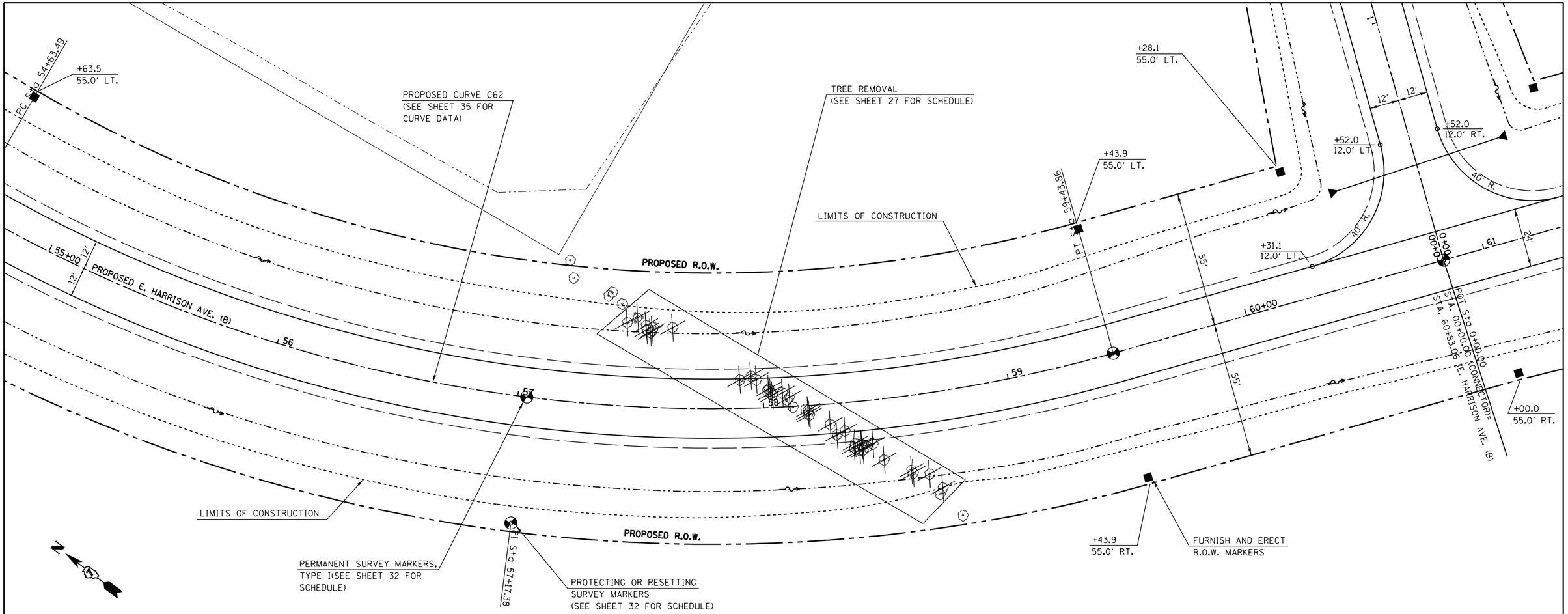
E. HARRISON AVE. (B) STAGE I
PLAN AND PROFILE

SCALE: 20 | SHEET 9 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	46

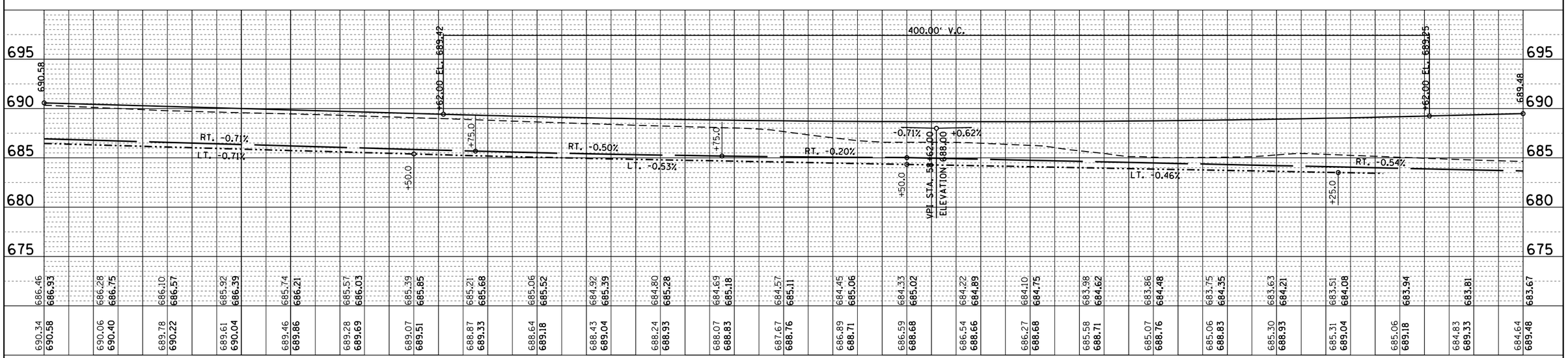
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. ____ — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTAT'NS CHK'D — NOTE BOOK NO. ____ — BY — DATE



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

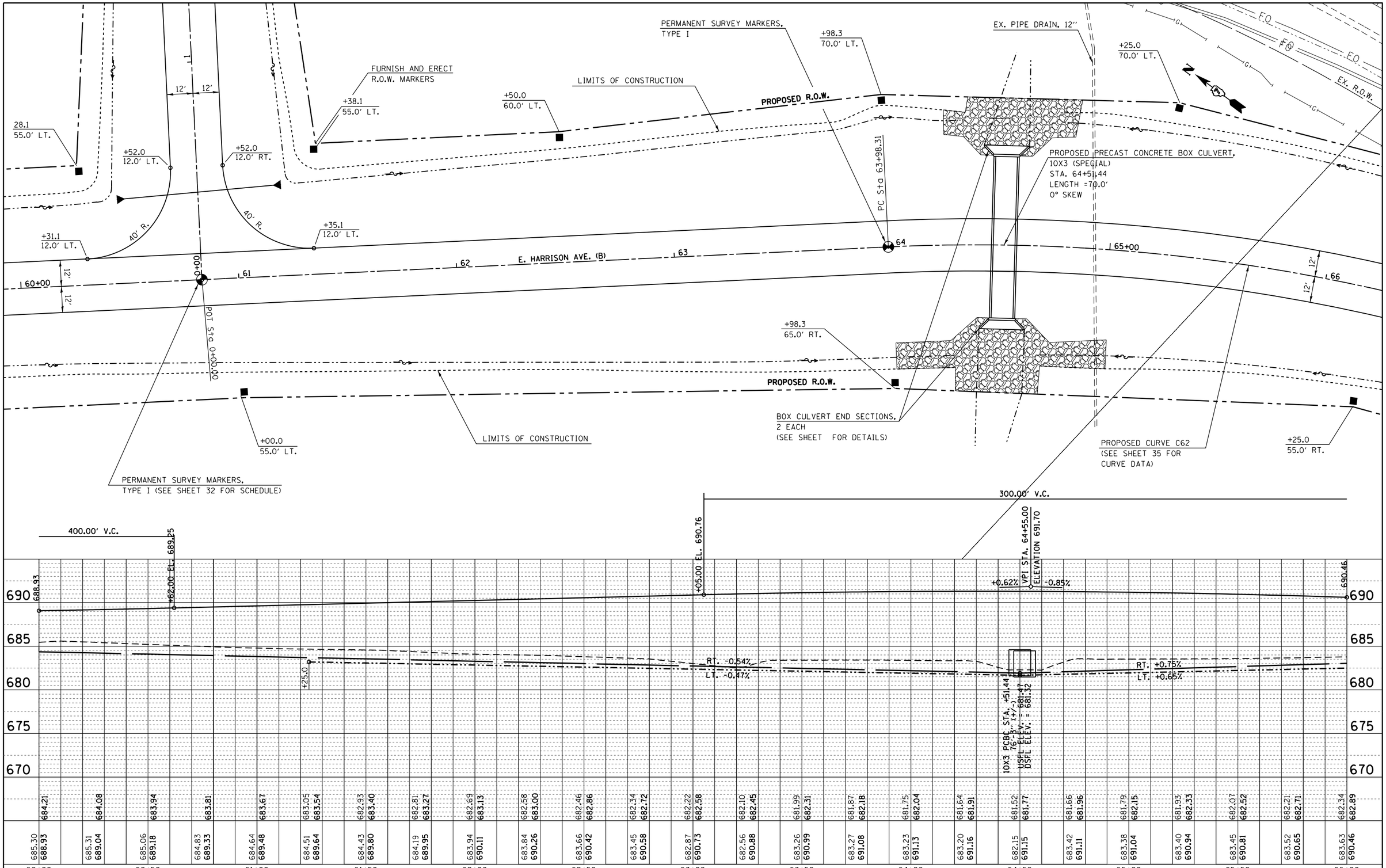
E. HARRISON AVE, (B) STAGE 1
PLAN AND PROFILE

SCALE: 20 | SHEET 10 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	47

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PLAN			BY	DATE
NOTE BOOK NO. ____	SURVEYED			
	PLOTTED			
	ALIGNMENT CHECKED			
	RT. OF WAY CHECKED			
	CADD FILE NAME			

PROFILE			BY	DATE
NOTE BOOK NO. ____	SURVEYED			
	PLOTTED			
	GRADES CHECKED			
	B.M. NOTED			
	STRUCTURE NOTAT'NS CHK'D			

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

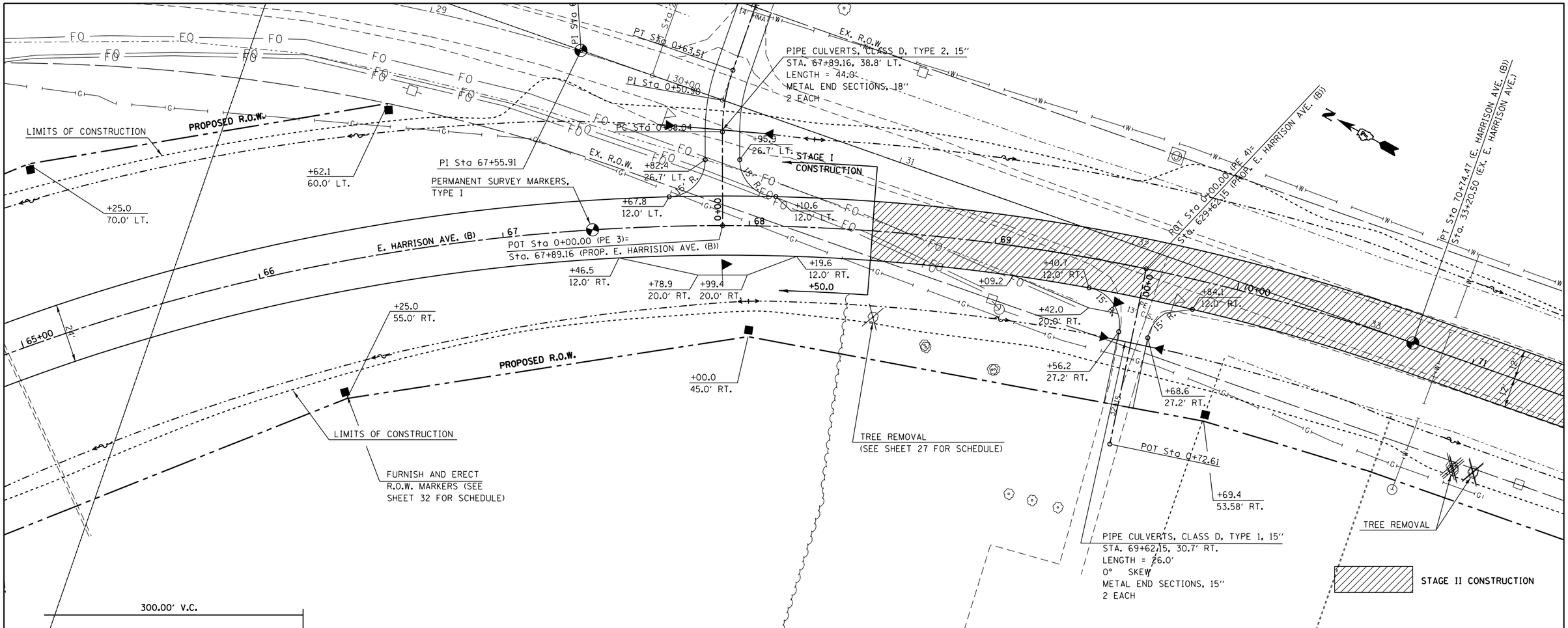
E. HARRISON AVE. (B) STAGE 1
PLAN AND PROFILE

SCALE: 20 | SHEET 11 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	48

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PLAN		
NOTE BOOK NO. ____	SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____	BY / DATE

PROFILE		
NOTE BOOK NO. ____	SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NOTAT'NS CH'KD ____	BY / DATE

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. HARRISON AVE. (B) STAGE I & STAGE III PLAN AND PROFILE

SCALE: 20 | SHEET 12 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	49

CONTRACT NO. 74423

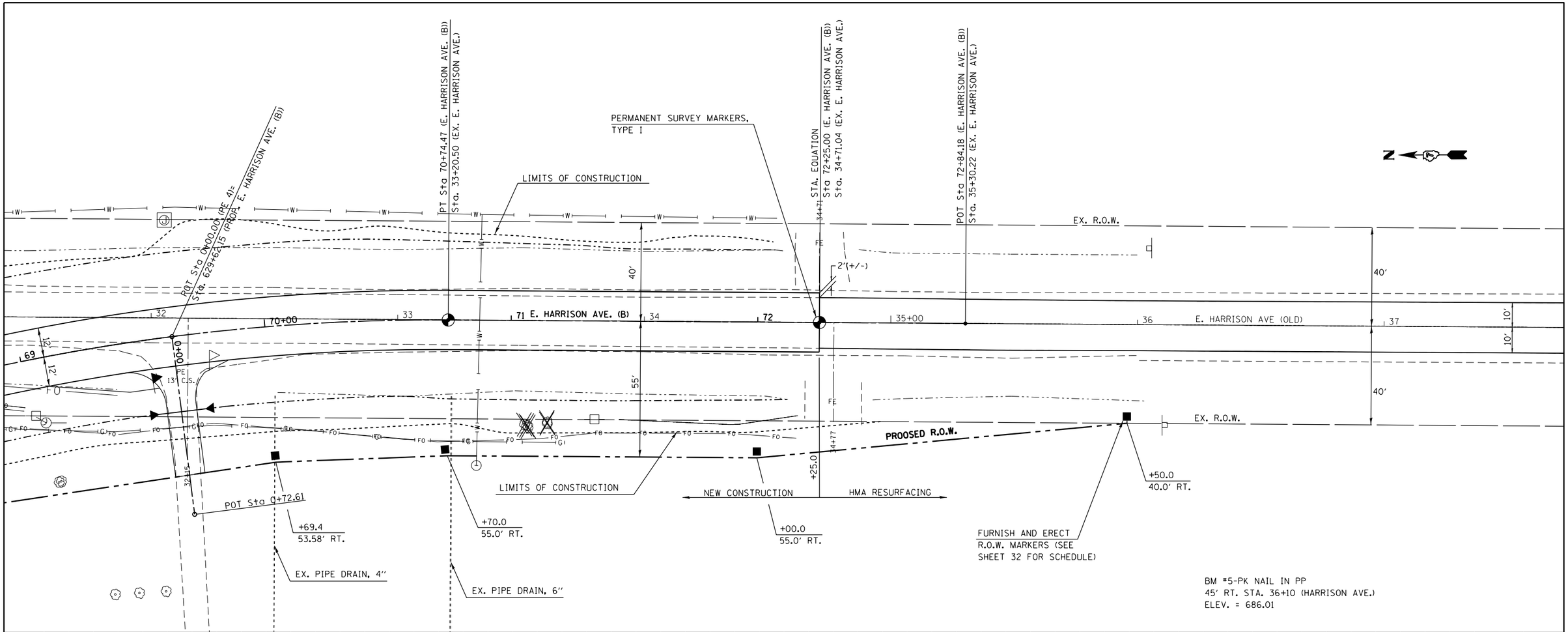
ILLINOIS FED. AID PROJECT

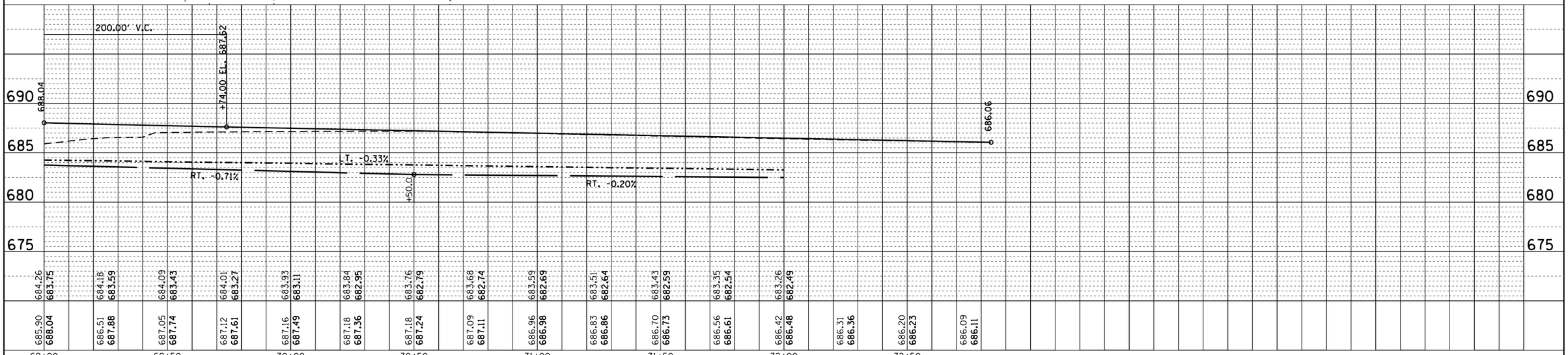
PLAN

SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.	BY	DATE

PROFILE

SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.	BY	DATE





FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

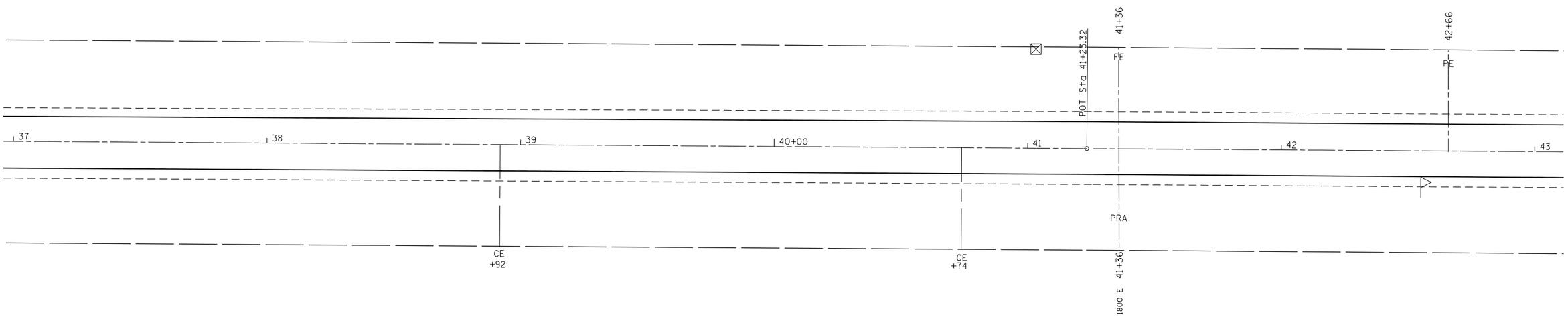
E. HARRISON AVE. (B) STAGE III & STAGE IV PLAN AND PROFILE

SCALE: 20 | SHEET 13 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	50

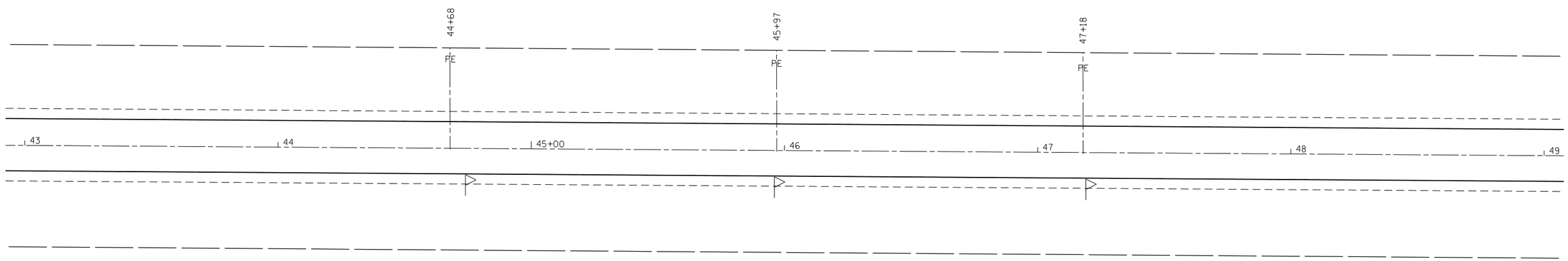
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

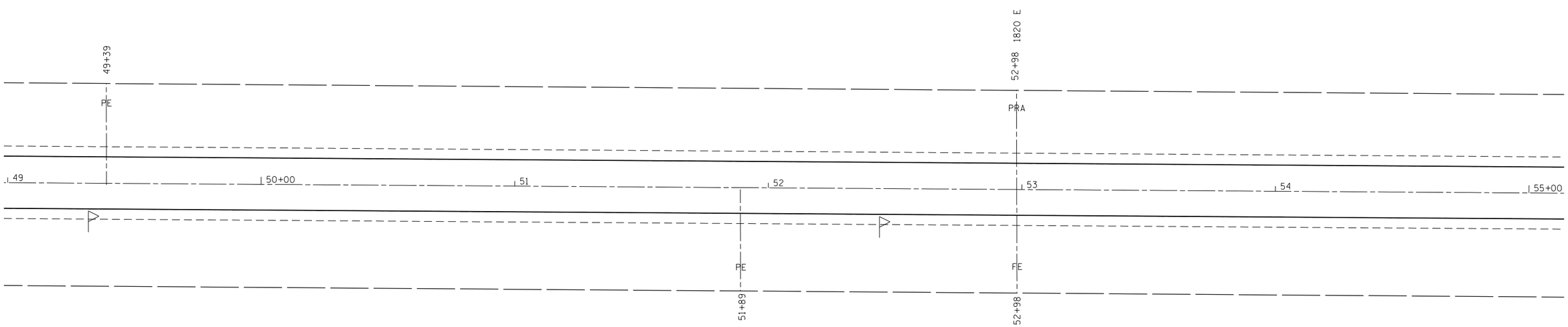


BM #6-NW CORNER OF CHURCH PARKING LOT
48' RT. STA. 38+24 (HARRISON AVE.)
ELEV. = 684.19

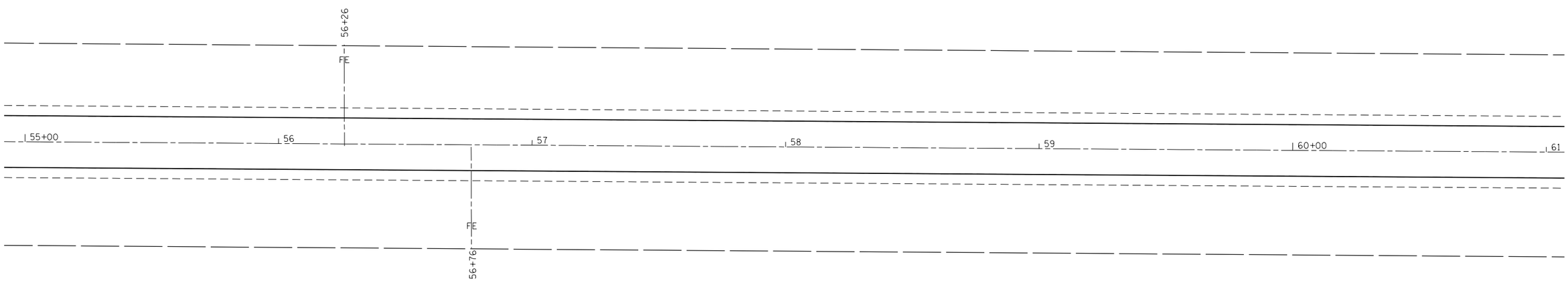
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE STAGE IV PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -					91	5N	Coles	271 / 51
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423	
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 14 OF 34 SHEETS	STA. 37+00 TO STA. 43+00		ILLINOIS	FED. AID PROJECT	



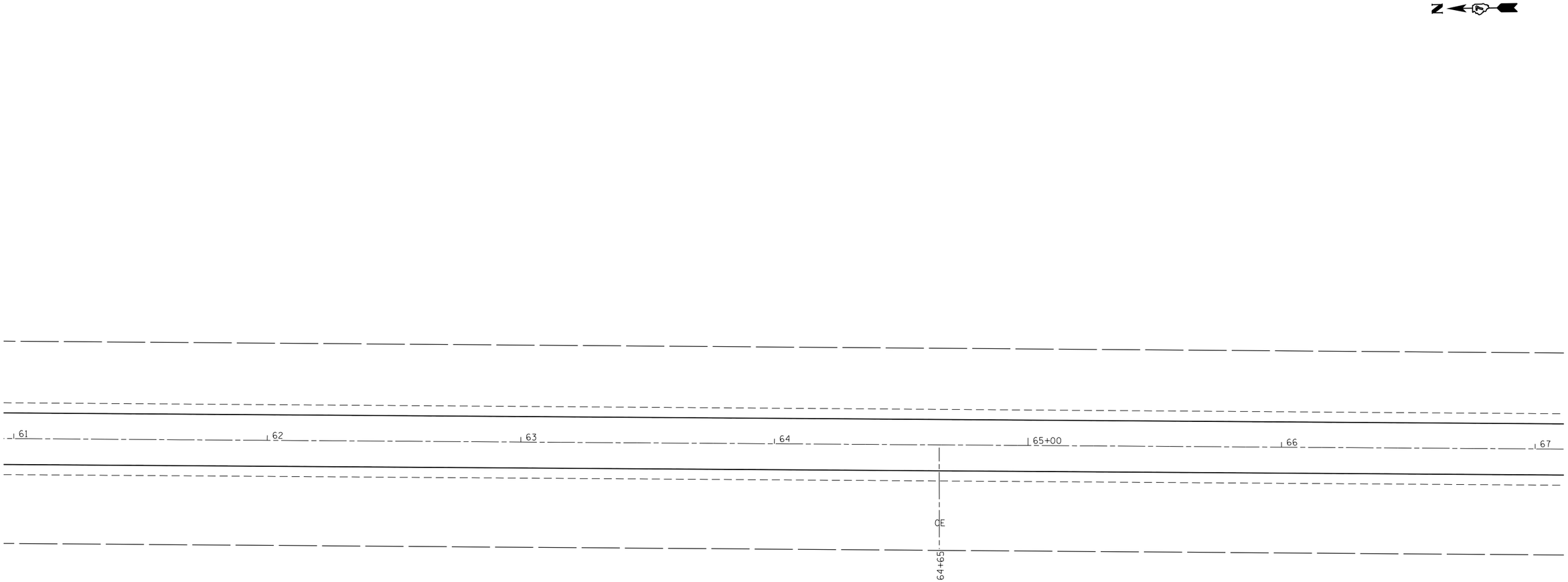
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS	EX. E. HARRISON AVE.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STAGE IV PLAN	91	5N	Coles	271	52
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 15 OF 34 SHEETS STA. 43+00 TO STA. 49+00		ILLINOIS	FED. AID PROJECT		



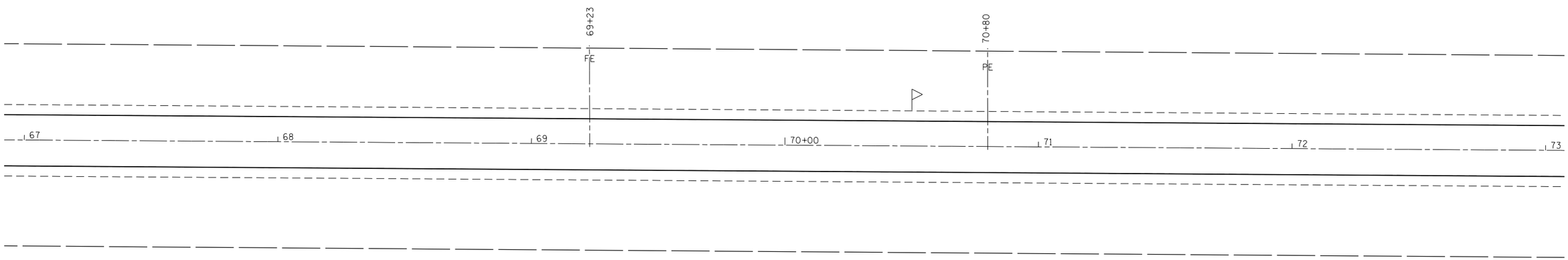
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE. STAGE IV PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	53
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 16 OF 34 SHEETS	STA. 49+00 TO STA. 55+00		ILLINOIS	FED. AID PROJECT		



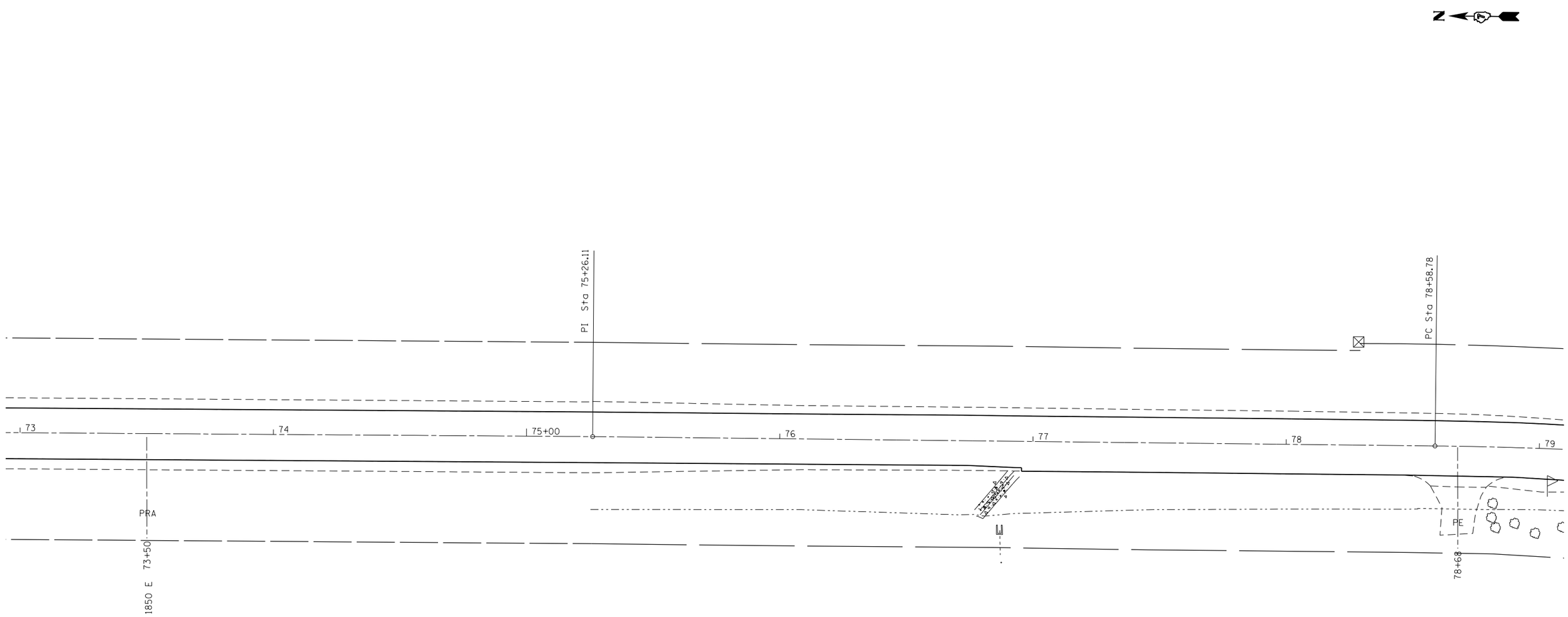
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE. STAGE IV PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -			91	5N	Coles	271	54
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 17 OF 34 SHEETS STA. 55+00 TO STA. 61+00		ILLINOIS	FED. AID PROJECT		



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE. STAGE IV PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						91	5N	Coles	271	55
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 18 OF 34 SHEETS	STA. 61+00	TO STA. 67+00	ILLINOIS FED. AID PROJECT				



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE. STAGE IV PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271 / 56
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423	
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 19 OF 34 SHEETS	STA. 67+00 TO STA. 73+00		ILLINOIS FED. AID PROJECT		



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

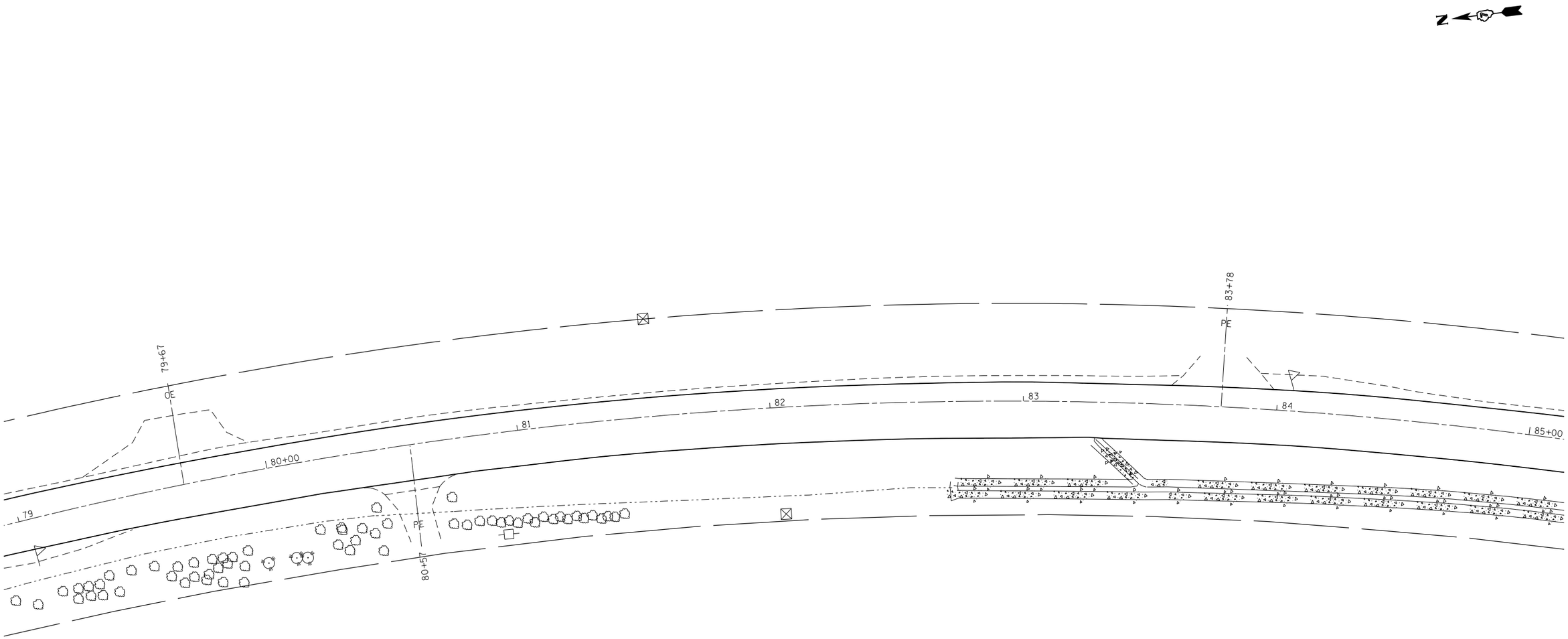
EX. E. HARRISON AVE.
STAGE IV PLAN

SCALE: 20 | SHEET 20 OF 34 SHEETS | STA. 73+00 TO STA. 79+00

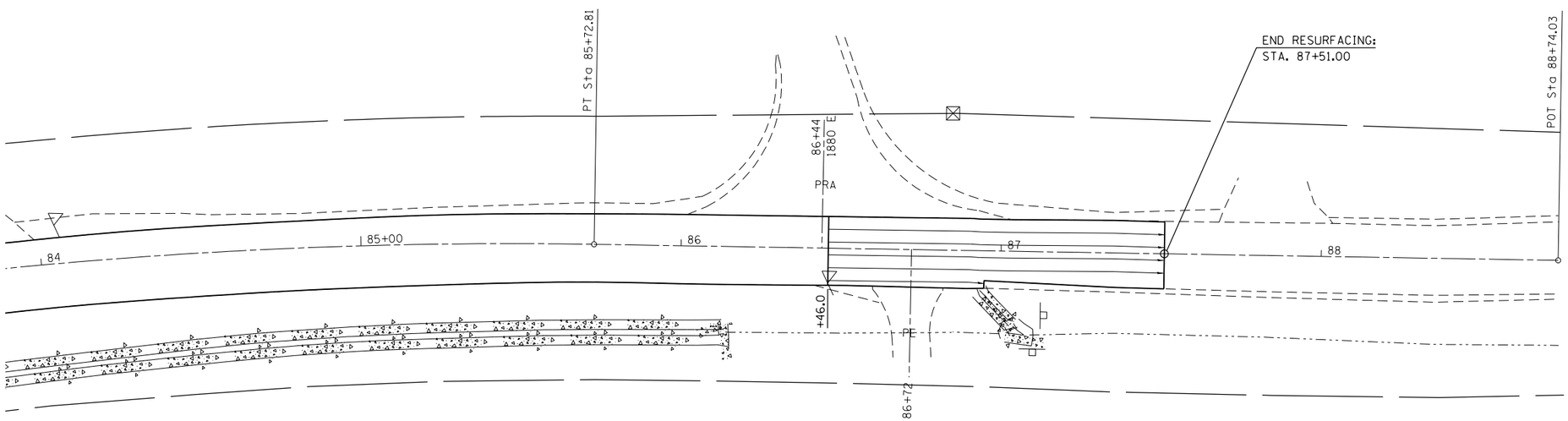
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	57

CONTRACT NO. 74423

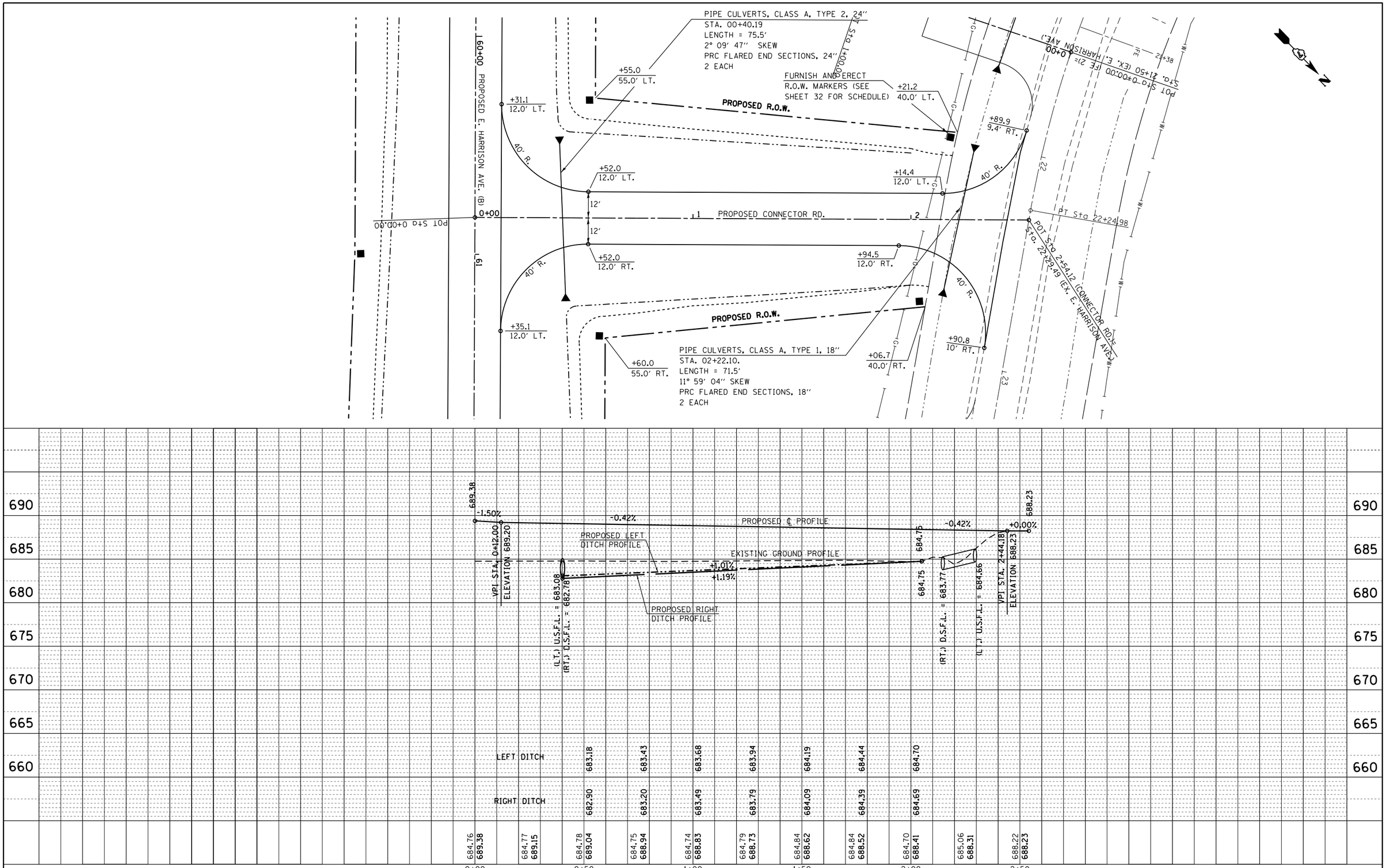
ILLINOIS FED. AID PROJECT



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. E. HARRISON AVE. STAGE IV PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	58
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 21 OF 34 SHEETS STA. 79+00 TO STA. 85+00		ILLINOIS	FED. AID PROJECT		



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS	EX. E. HARRISON AVE.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STAGE IV PLAN			91	5N	Coles	271 / 59
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423	
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 22 OF 34 SHEETS	STA. 84+00 TO STA. 88+00		ILLINOIS	FED. AID PROJECT	



PLAN		BY	DATE
NOTE BOOK NO. ____	SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____		

PROFILE		BY	DATE
NOTE BOOK NO. ____	SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ BM. NOTED ____ STRUCTURE NOTATNS CHKD ____		

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

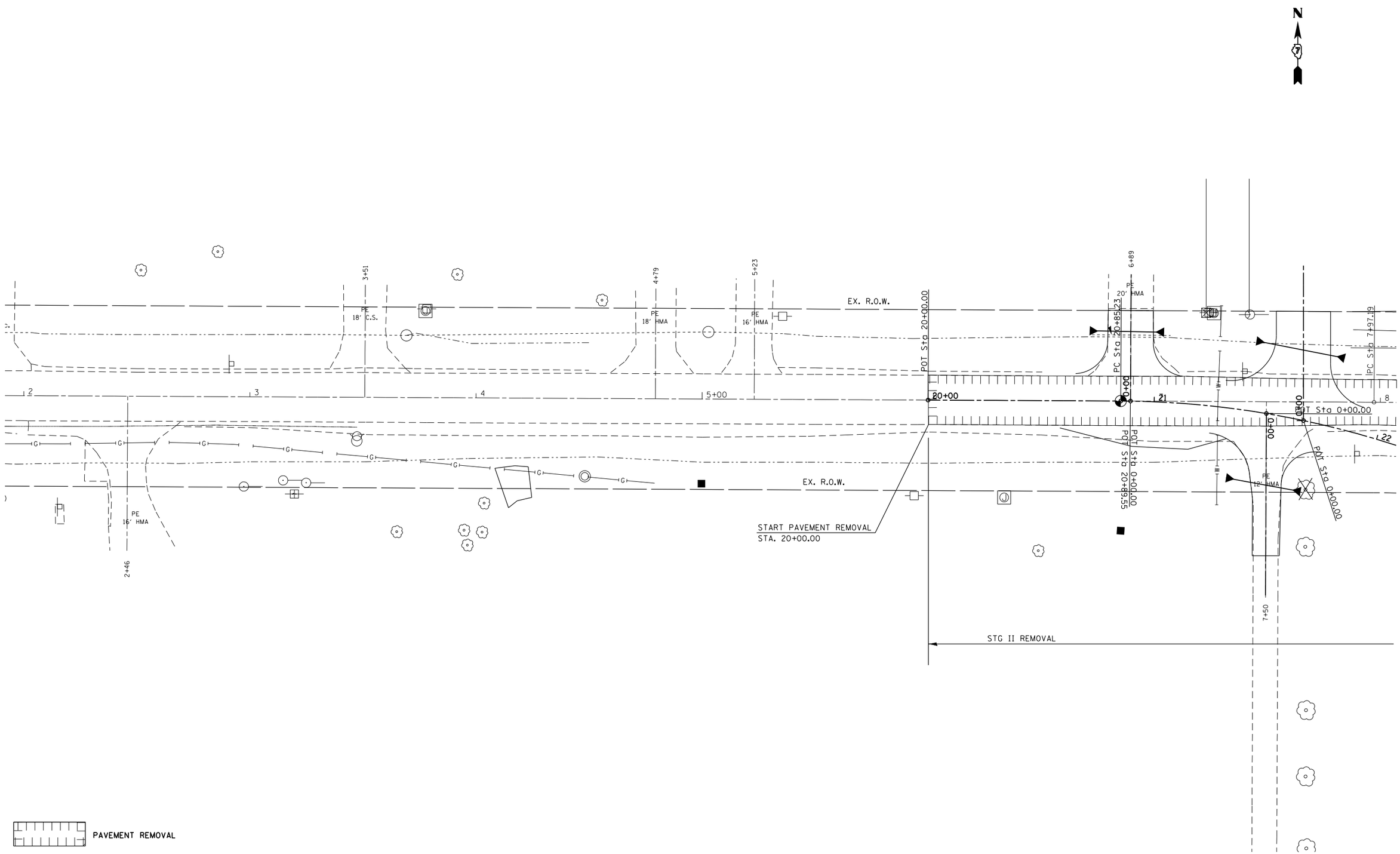
CONNECTOR ROAD
STAGE I PLAN AND PROFILE

SCALE: 20 | SHEET 23 OF 34 SHEETS | STA. 0+00.00 TO STA. 2+54.12

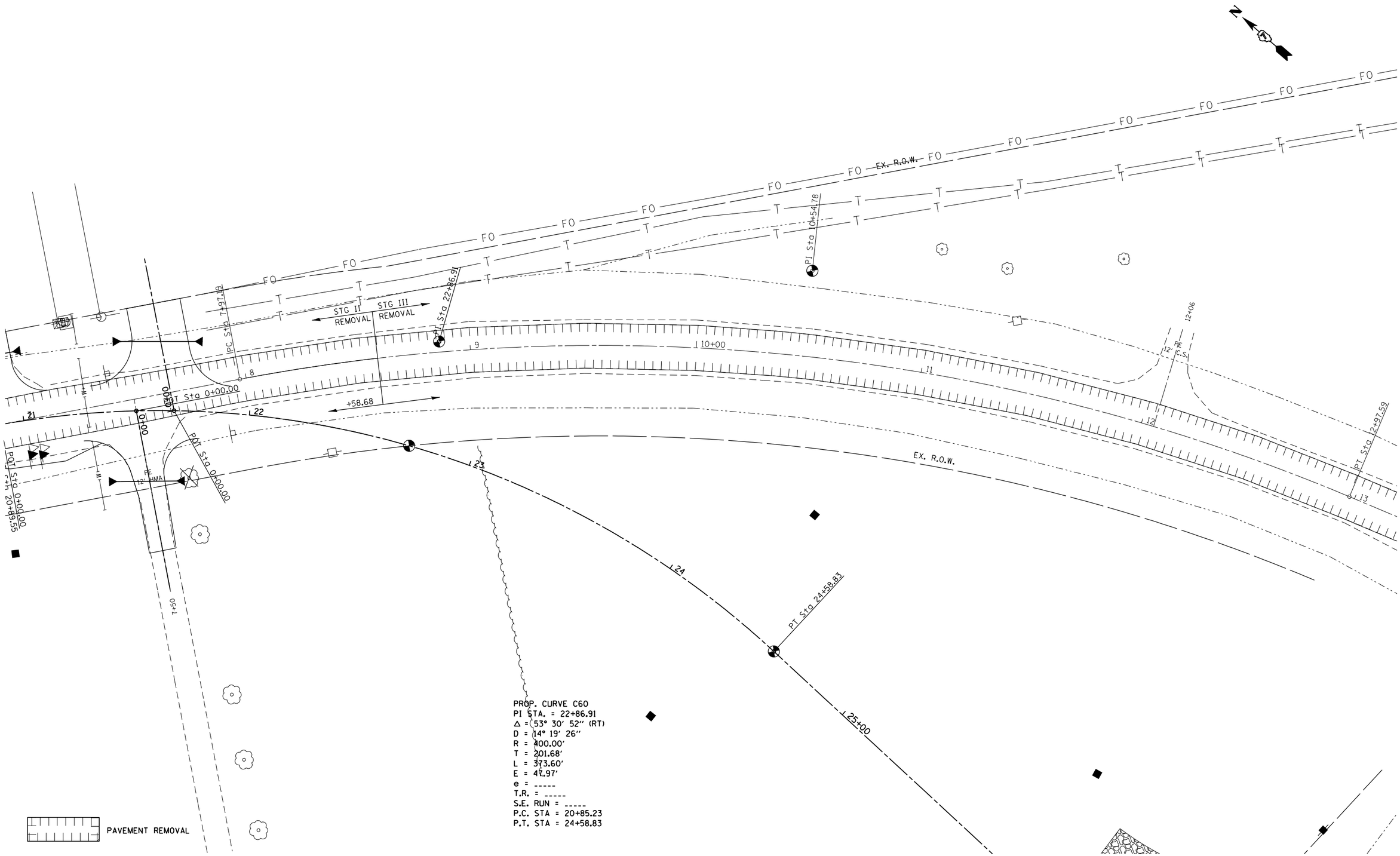
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	60

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING E. HARRISON AVE. STAGE III PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	261 / 61
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74423			
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 / SHEET 24 OF 34 SHEETS / STA. 2+00 TO STA. 8+00	ILLINOIS FED. AID PROJECT			



PROP. CURVE C60
PI STA. = 22+86.91
Δ = 53° 30′ 52″ (RT)
D = 14° 19′ 26″
R = 400.00′
T = 201.68′
L = 373.60′
E = 47.97′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 20+85.23
P.T. STA = 24+58.83

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING E. HARRISON AVE. STAGE IV PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	62
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 / SHEET 25 OF 34 SHEETS / STA. 7+00 TO STA. 13+00		ILLINOIS	FED. AID PROJECT		

ISLAND REMOVAL

PIPE CULVERT REMOVAL

CATCH BASIN REMOVAL

CATCH BASIN REMOVAL

CONCRETE HEADWALL REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

END PAVEMENT REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

CONCRETE HEADWALL REMOVAL

+65.1
26.0' LT.

+99.2
26.0' RT.

+39.8

+35.1

+56.1
26.0' LT.

+94.3
26.0' RT.

+44.1

+80.1

+55.9

POT Sta 0+00.00 = Sta. 15+80.51 (EX. E. HARRISON AVE.)

PT Sta 12+97.59

PC Sta 16+22.08

PC Sta 1+15.17

POT Sta 1+67.00

EX. R.O.W.

PAVEMENT REMOVAL

PAVEMENT REMOVAL (SPECIAL)

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING E. HARRISON AVE. STAGE IV PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	63
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 26 OF 34 SHEETS STA. 12+00 TO STA. 18+00		ILLINOIS FED. AID PROJECT			

START PAVEMENT REMOVAL
STA. 24+00.00

BM #4-CHISLED SQUARE IN S. END OF CURB ON E. SIDE.
22' LT. STA. 20+21 (HARRISON AVE.)
ELEV. = 689.17

POT Sta 0+00.00 (FE 2)= 0+00
Sta. 21+50 (EX. E. HARRISON AVE.)

POT Sta 2+54.12 (CONNECTOR RD.)=
Sta. 22+29.49 (EX. E. HARRISON AVE.)

POT Sta 0+00.00 (FE 3)= 0+00
Sta. 23+50 (EX. E. HARRISON AVE.)

PI Sta 22+24.98

PI Sta 19+69.10

POT Sta 1+00.00

EX. R.O.W.

PAVEMENT REMOVAL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

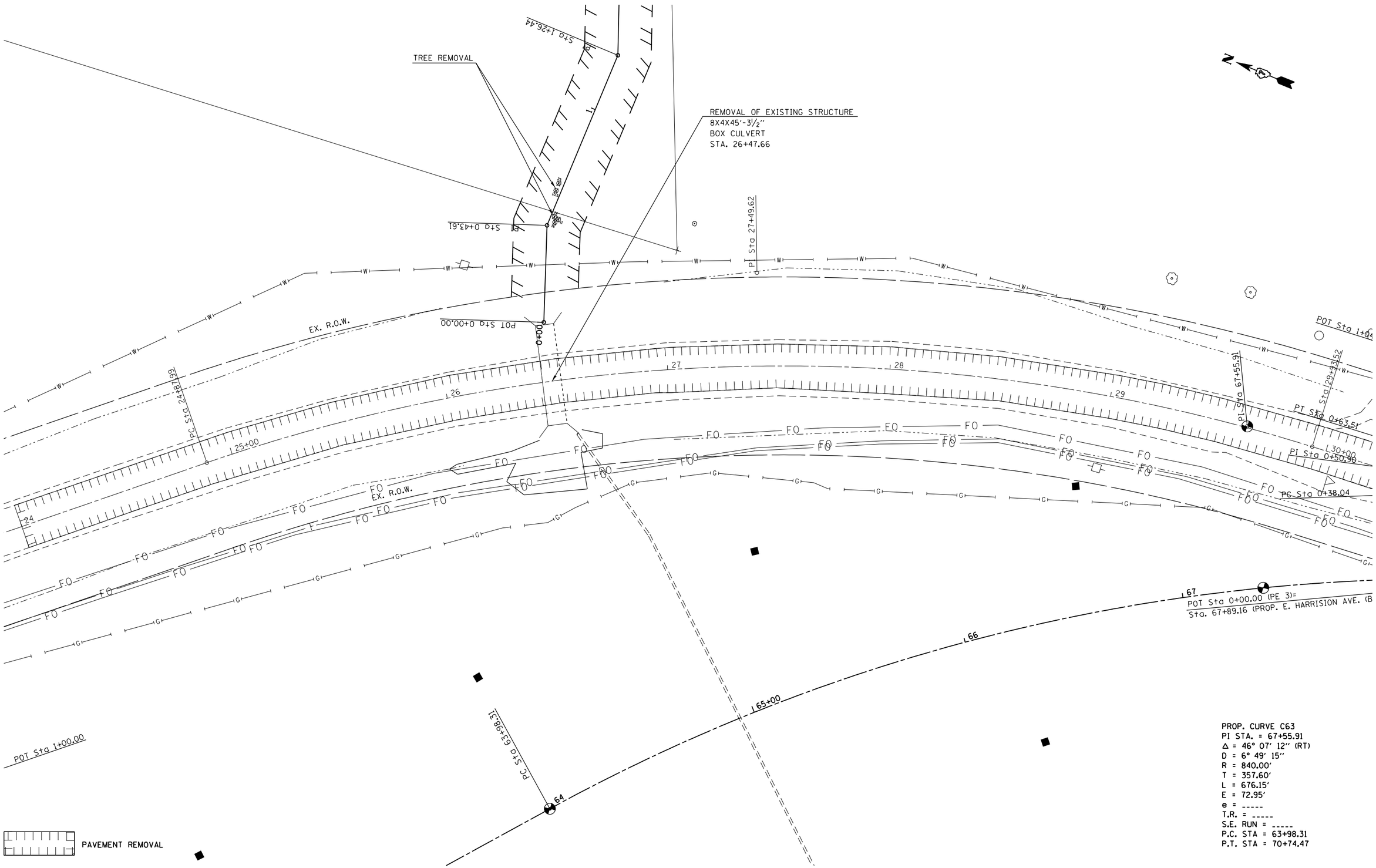
EXISTING E. HARRISON AVE.
STAGE IV PLAN

SCALE: 20 | SHEET 27 OF 34 SHEETS | STA. 18+00 TO STA. 24+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	64

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PROP. CURVE C63
PI STA. = 67+55.91
Δ = 46° 07' 12" (RT)
D = 6° 49' 15"
R = 840.00'
T = 357.60'
L = 676.15'
E = 72.95'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 63+98.31
P.T. STA = 70+74.47

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

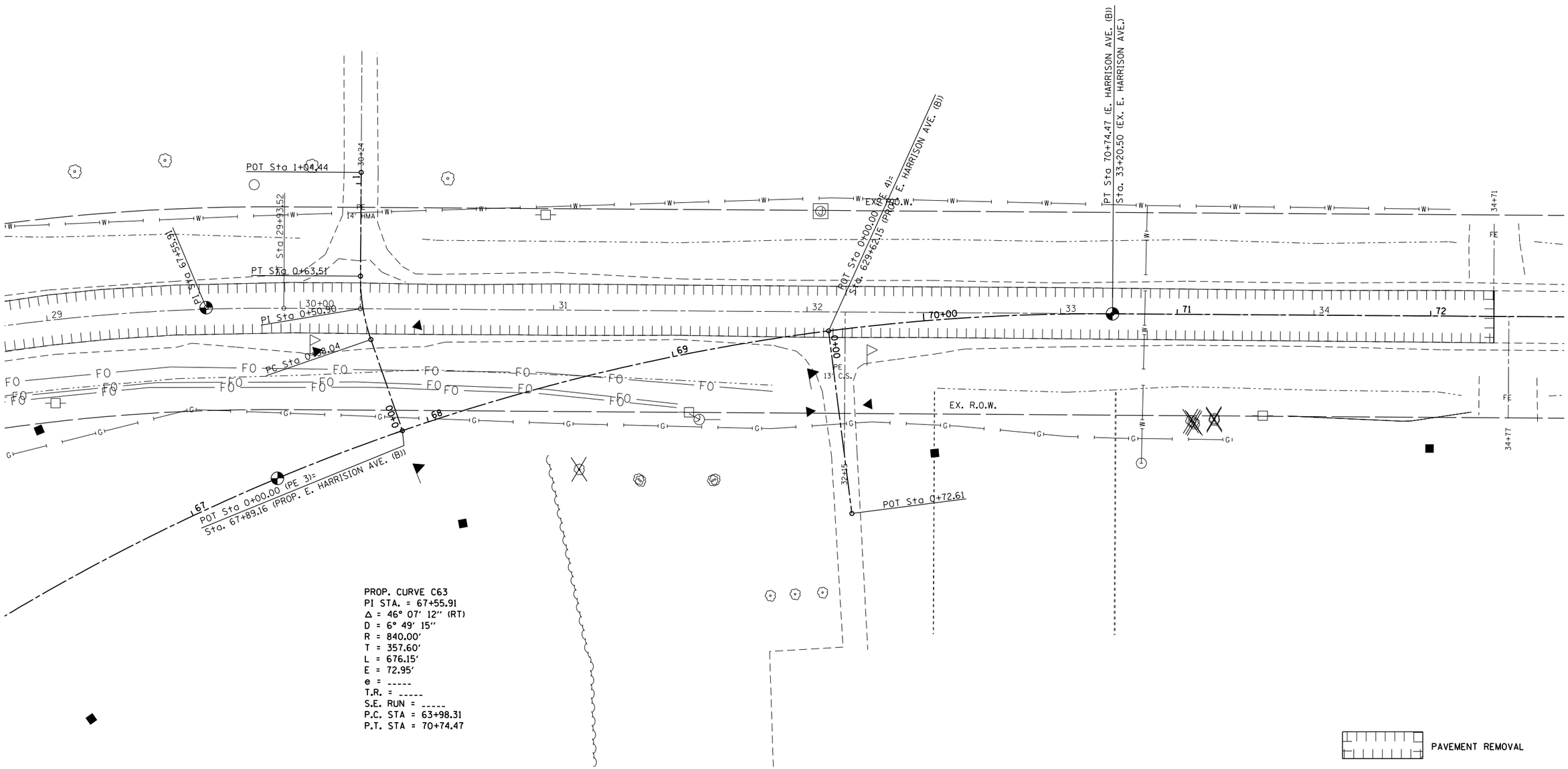
EXISTING E. HARRISON AVE.
STAGE IV PLAN

SCALE: 20 | SHEET 28 OF 34 SHEETS | STA. 24+00 TO STA. 30+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	65

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PROP. CURVE C63
PI STA. = 67+55.91
Δ = 46° 07′ 12″ (RT)
D = 6° 49′ 15″
R = 840.00′
T = 357.60′
L = 676.15′
E = 72.95′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 63+98.31
P.T. STA = 70+74.47

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

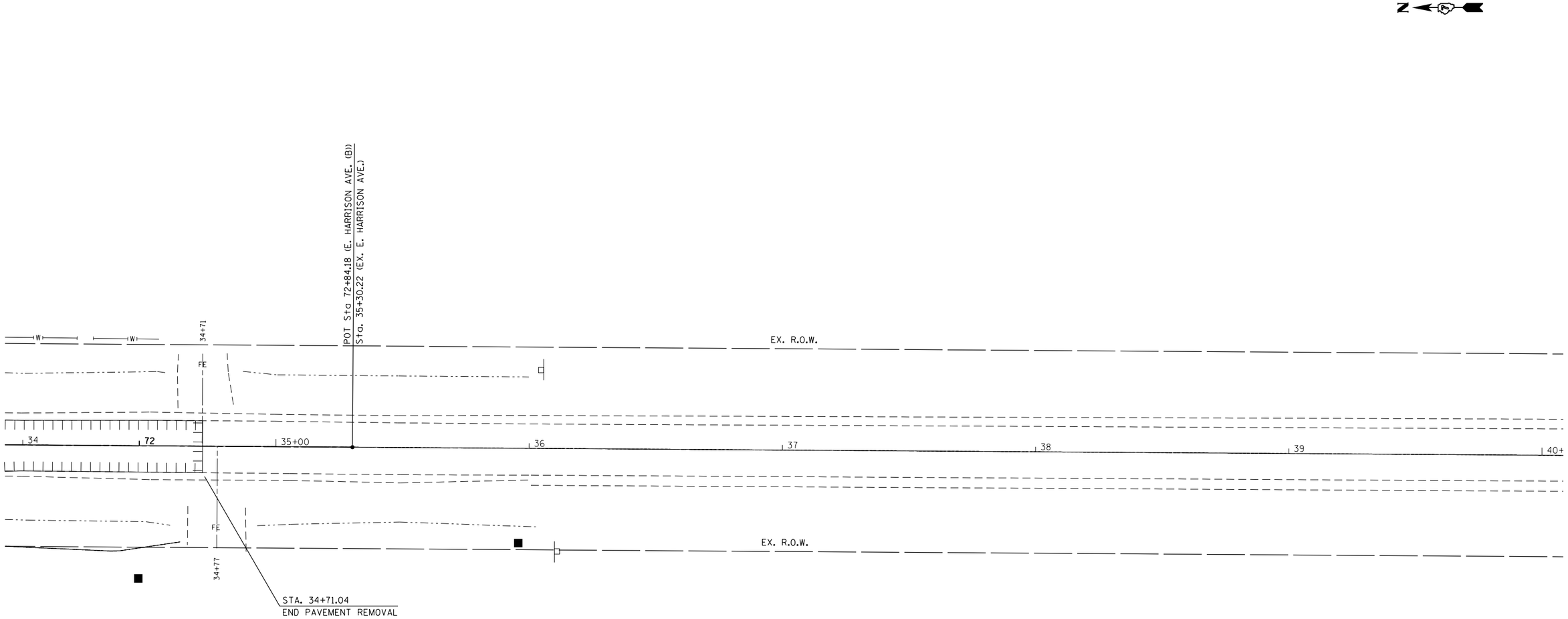
EXISTING E. HARRISON AVE.
STAGE IV PLAN

SCALE: 20 | SHEET 29 OF 34 SHEETS | STA. 29+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	66

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PAVEMENT REMOVAL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

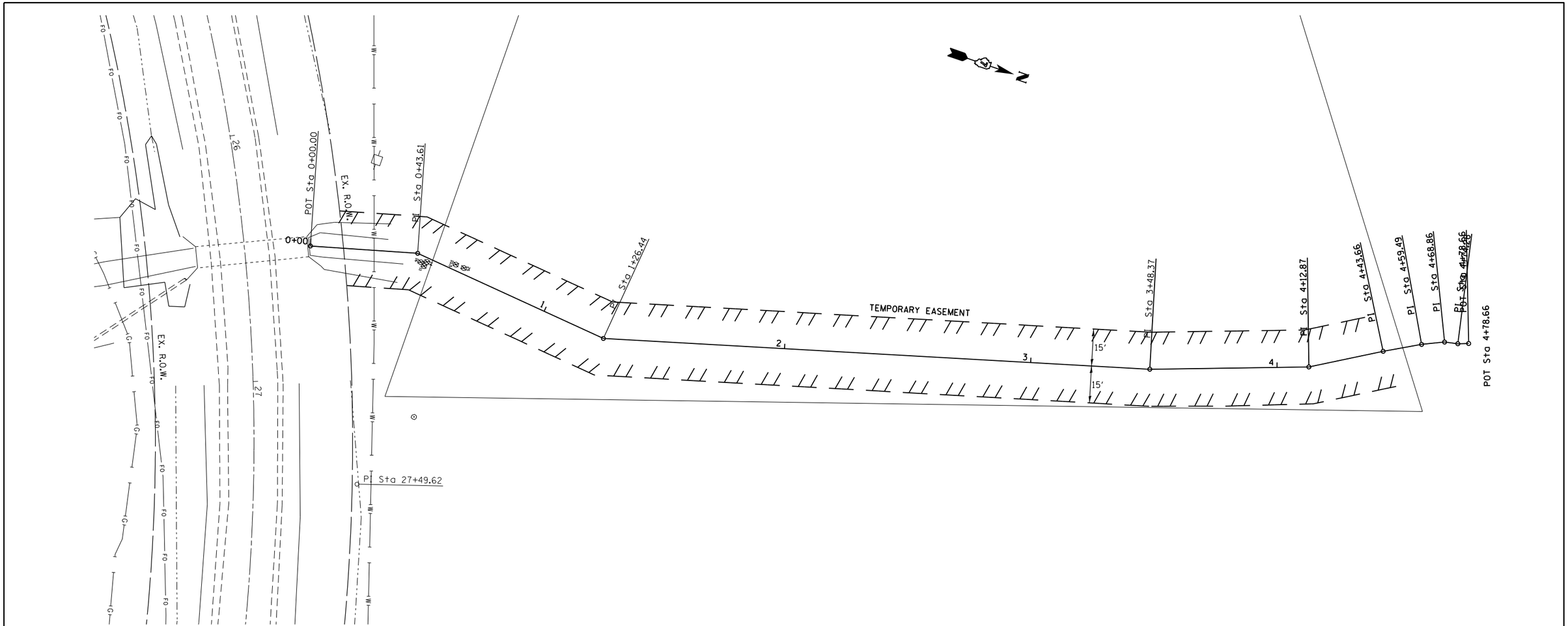
EXISTING E. HARRISON AVE.
STAGE IV PLAN

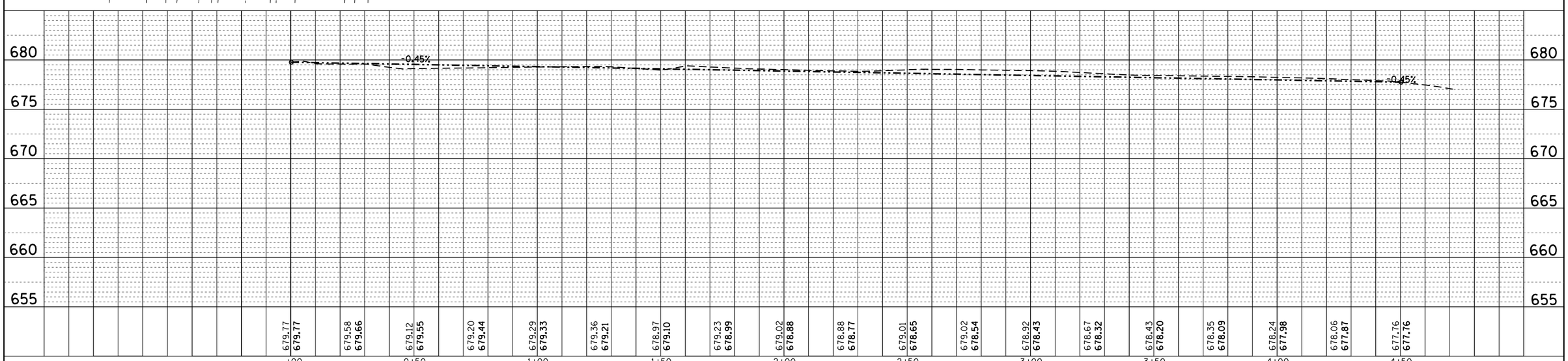
SCALE: 20 | SHEET 30 OF 34 SHEETS | STA. 34+00 TO STA. 40+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	67

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT





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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
SHAPING AND GRADING DITCH

SCALE: 20 | SHEET 31 OF 34 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	68

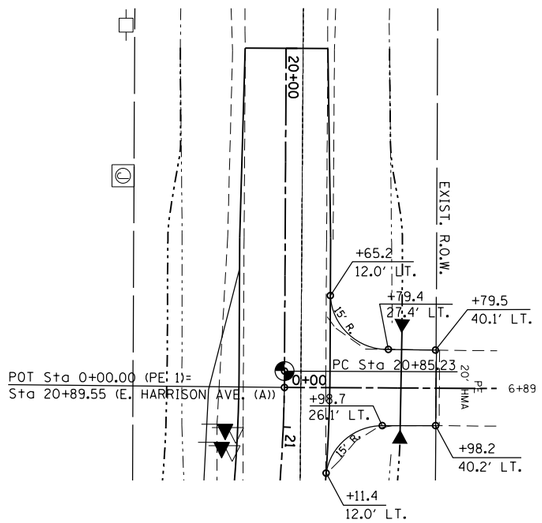
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

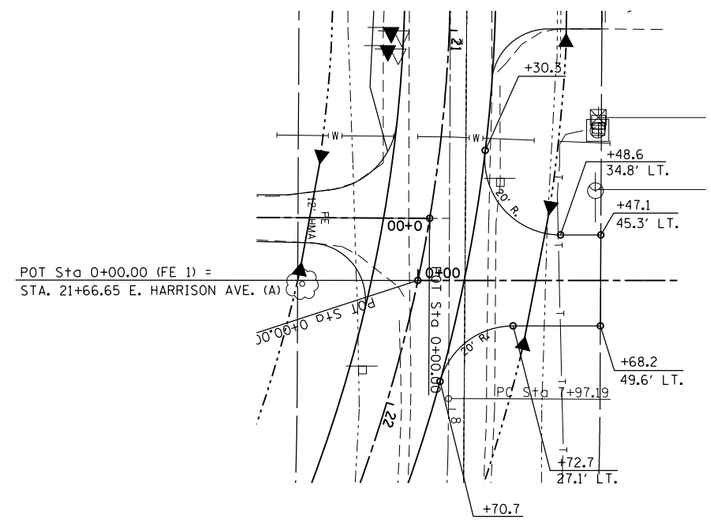
PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

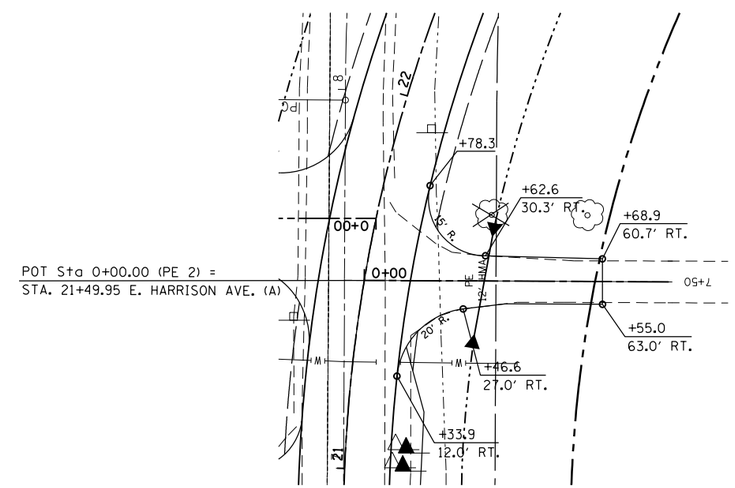
P.E. 1

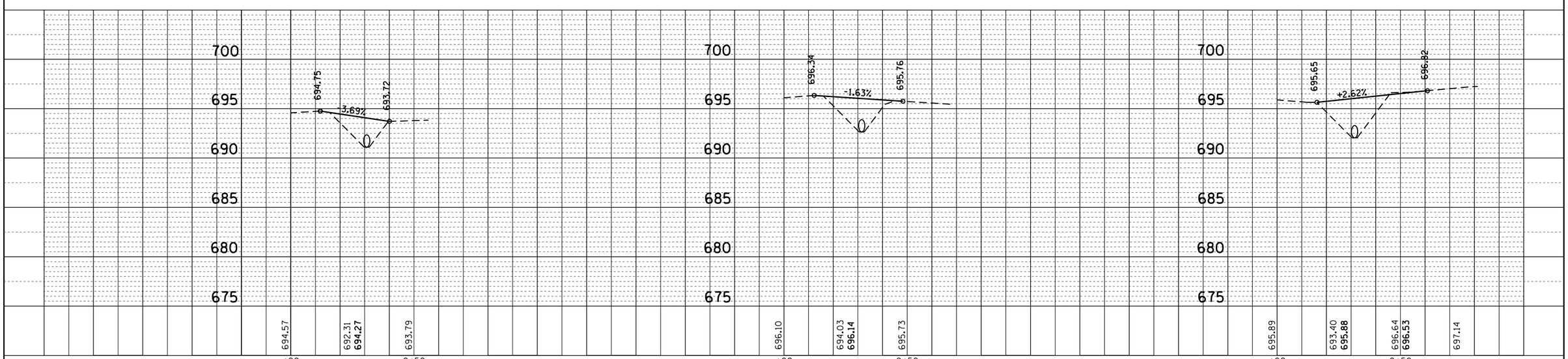


F.E. 1



P.E. 2





FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/7/2014	CHECKED -	REVISED -
Default		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.E. 1, F.E. 1 AND P.E. 2
ENTRANCE PROFILE

SCALE: 20 | SHEET 32 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	69

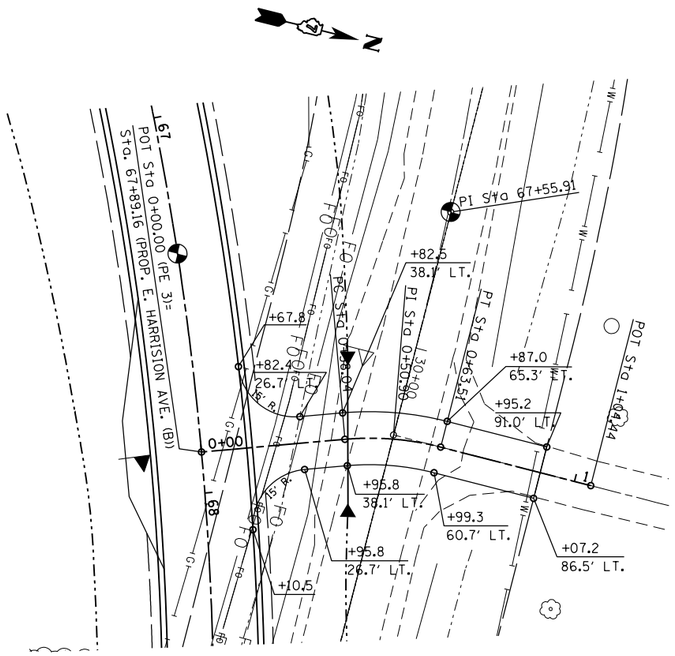
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

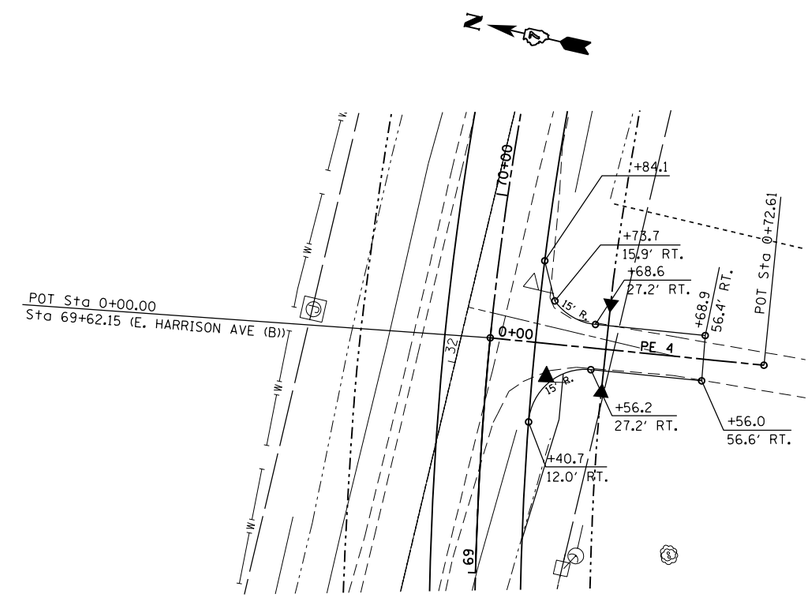
PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

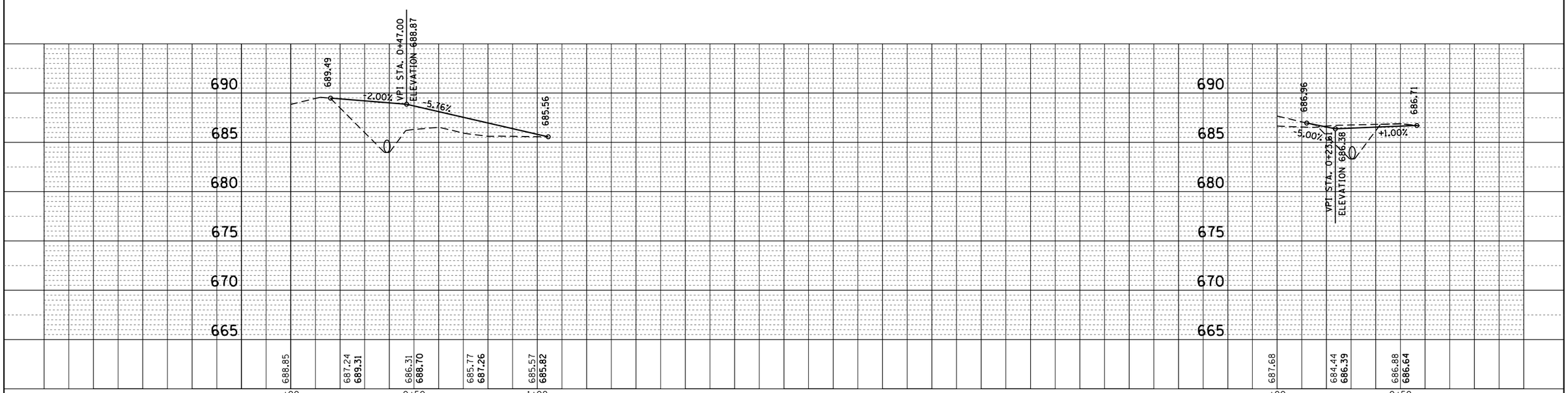
PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHK'D		
NOTE BOOK NO.		

P.E. 3



P.E. 4





FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.E. 3 AND P.E. 4
ENTRANCE PROFILE

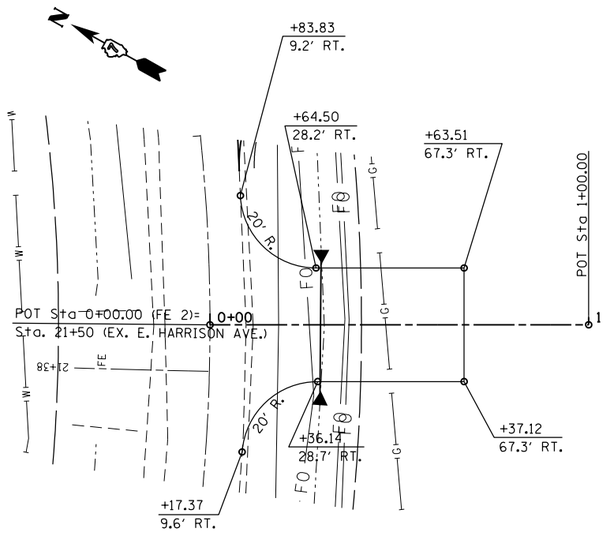
SCALE: 20 | SHEET 33 OF 34 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	70

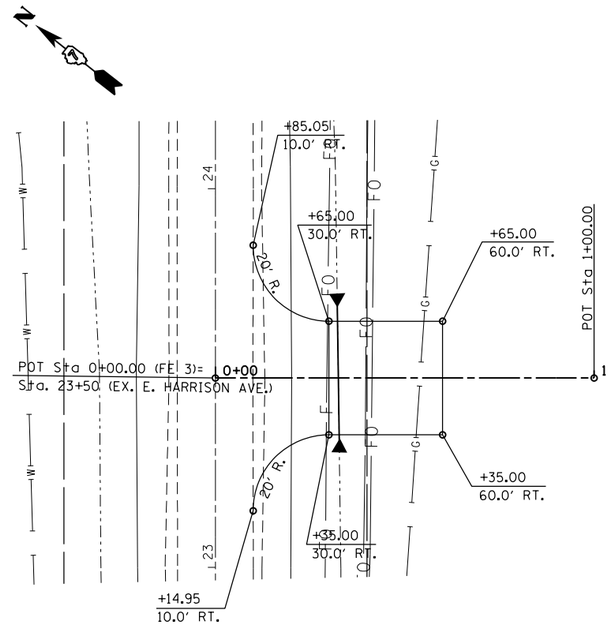
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

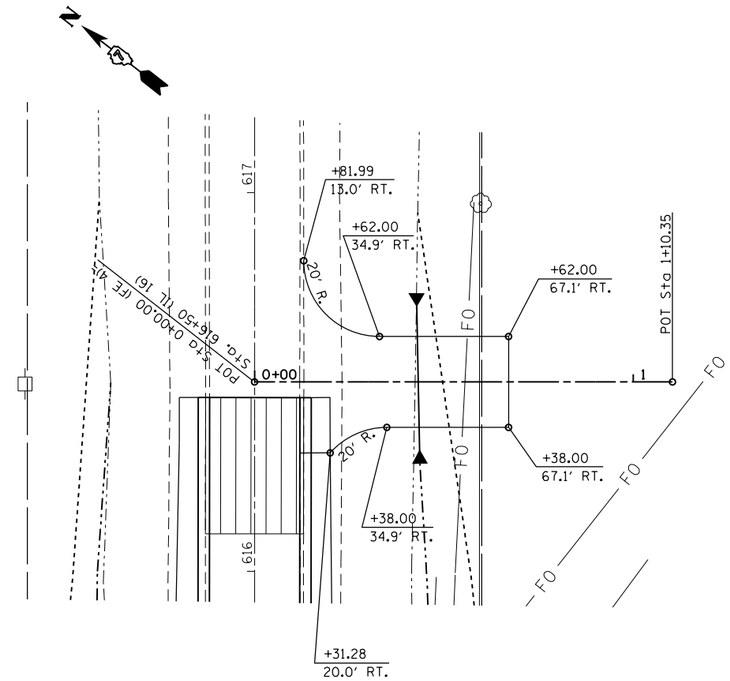
F.E. 2

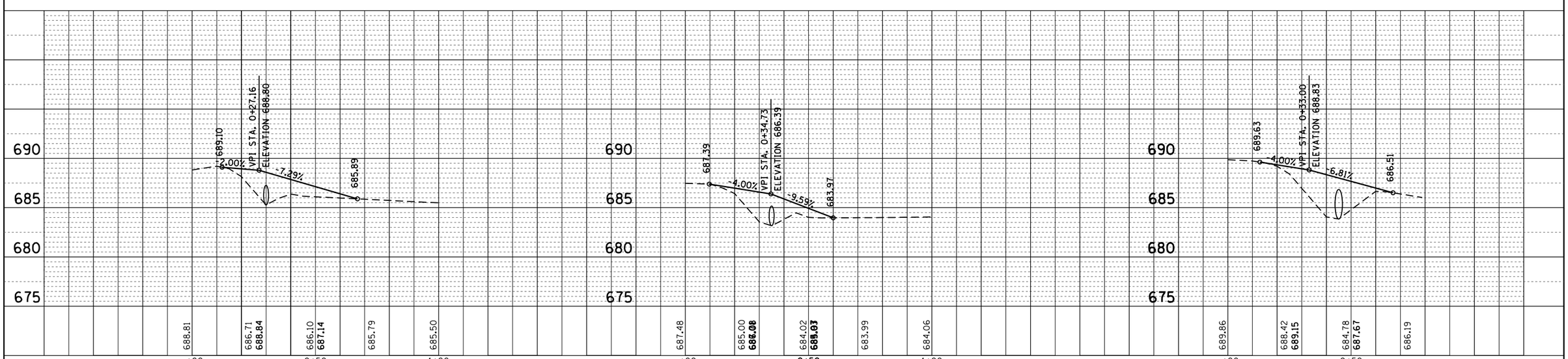


F.E. 3



F.E. 4





FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.E. 2, F.E. 3 AND F.E. 4
ENTRANCE PROFILE

SCALE: 20 | SHEET 34 OF 34 SHEETS | STA. TO STA.

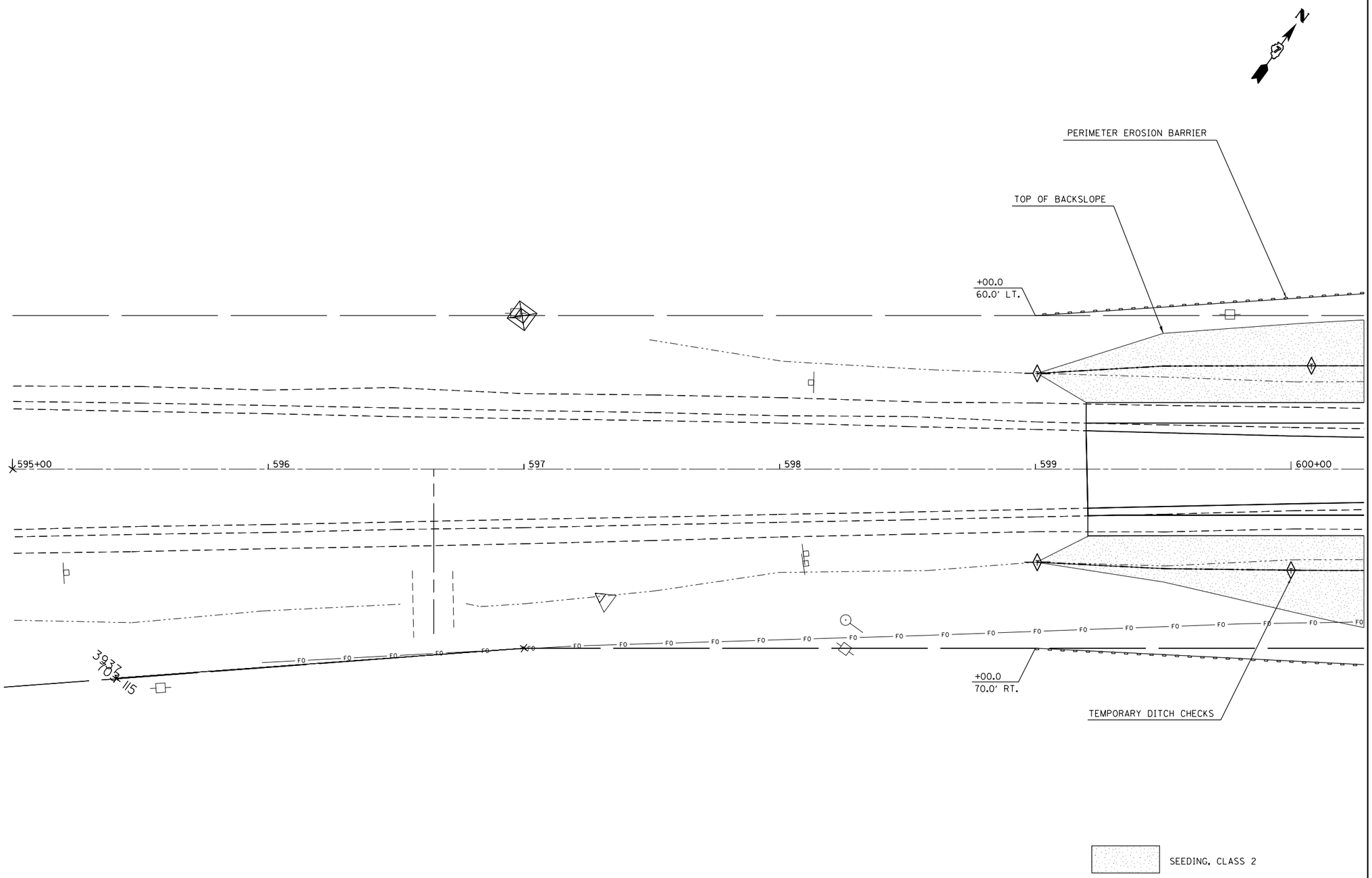
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	71

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

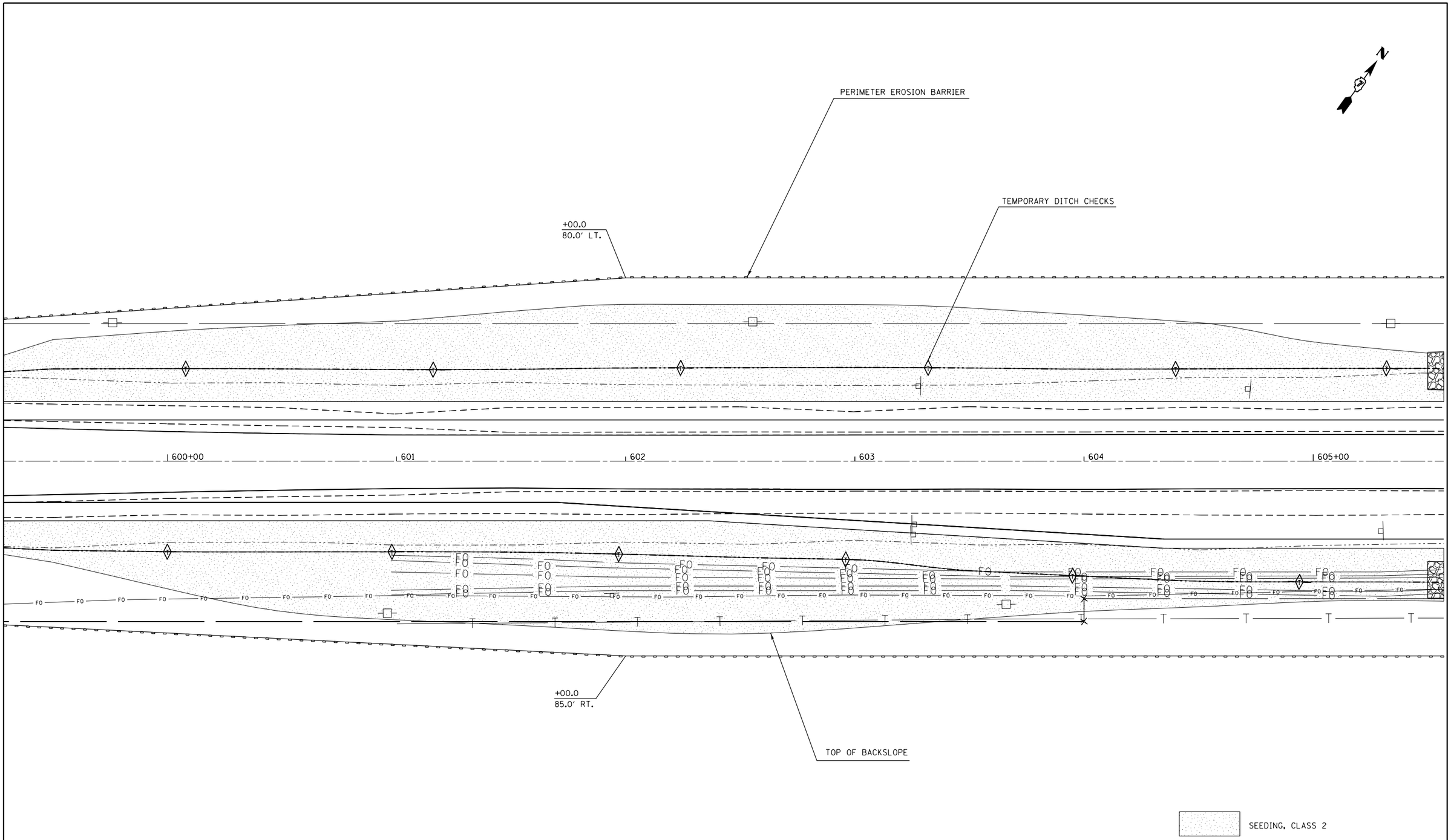
PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE



NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN IL 16 EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	72
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 1 OF 19 SHEETS	STA. 595+00 TO STA. 600+00		ILLINOIS	FED. AID PROJECT		



NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN IL 16 EROSION CONTROL AND SEEDING		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn		DRAWN -	REVISED -				91	5N	Coles	271 / 73
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 74423	
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 2 OF 19 SHEETS	STA. 600+00 TO STA. 605+00		ILLINOIS FED. AID PROJECT	

NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

+08.4
126.7' LT.

+00.0
60.0' RT.

INLET AND PIPE PROTECTION

TOP OF BACKSLOPE

+75.0
80.0' LT.

+50.0
40.5' LT.

+89.5
126.7' LT.

TEMPORARY DITCH CHECKS

+04.8
76.7' LT.

L26

L27

L13

L14

605+00 | 606 | 607 | 608 | 609 | 610+00

+09.3
79.3' RT.

L28

PC Sta 28+22.49

+50.0
52.8' RT.

+60.0
85.0' RT.

PERIMETER EROSION BARRIER

+75.1
182.2' RT.

L29

+50.0
65.0' RT.

+94.3
161.0' RT.

L15

L16

00+0

+40.5
150.0' RT.

+03.9
91.0' LT.

+05.9
150.0' RT.

+41.7
178.0' RT.

SEEDING, CLASS 2

RIPRAP, CLASS A4

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN IL 16
EROSION CONTROL AND SEEDING

SCALE: 20 | SHEET 3 OF 19 SHEETS | STA. 605+00 TO STA. 610+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	74
		CONTRACT NO. 74423		
		ILLINOIS FED. AID PROJECT		

TEMPORARY DITCH CHECKS

PERIMETER EROSION BARRIER

+97.1
60.0' LT.

610+00 | 611 | 612 | 613 | 614 | 615+00 | 616

115+00

+63.1
60.0' RT.

TOP OF BACKSLOPE

00+0

116

+40.5
150.0' RT.

+26.1
40.0' LT.

SEEDING, CLASS 2

NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

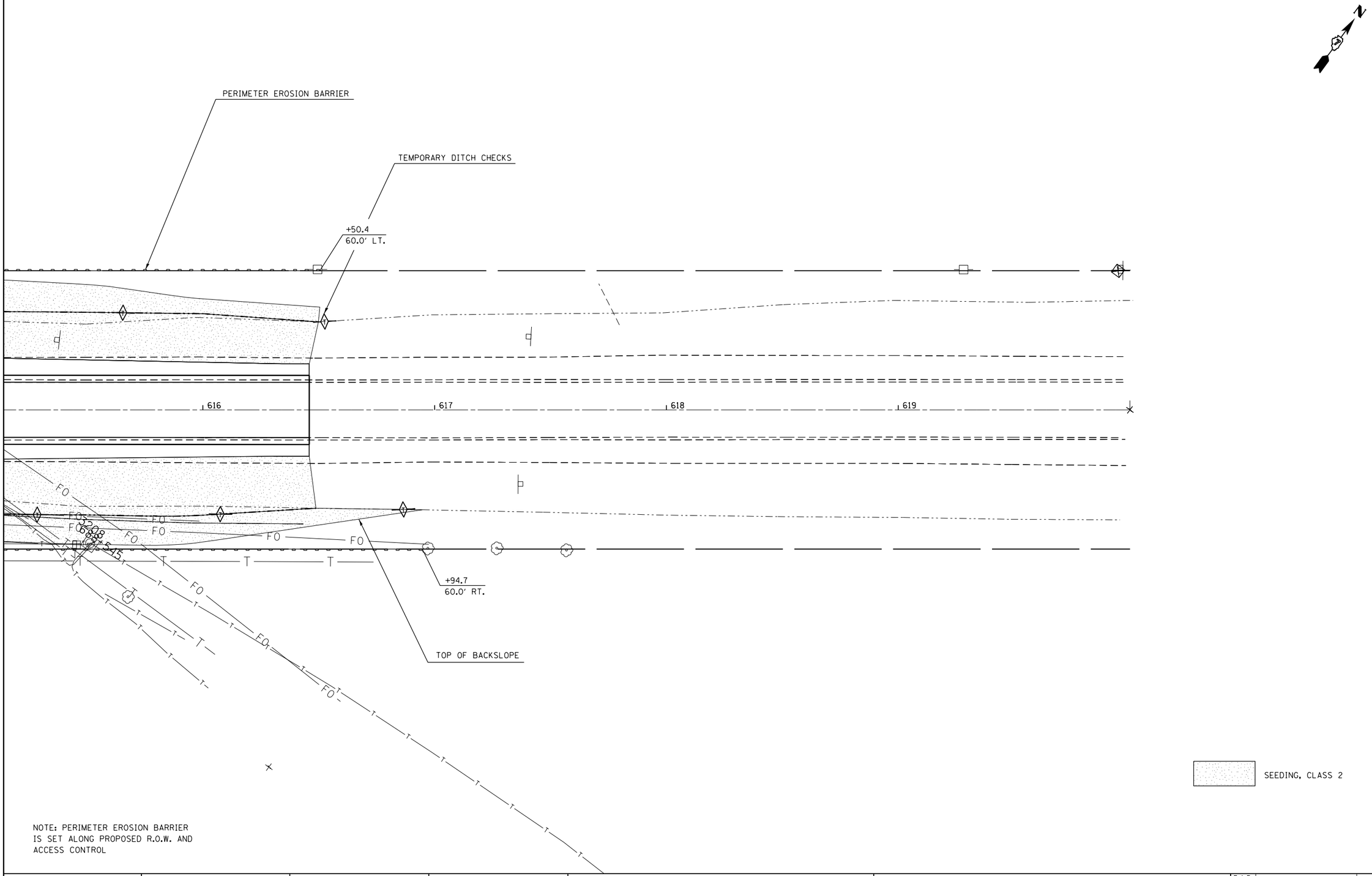
PLAN IL 16
EROSION CONTROL AND SEEDING

SCALE: 20 | SHEET 4 OF 19 SHEETS | STA. 610+00 TO STA. 616+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	75

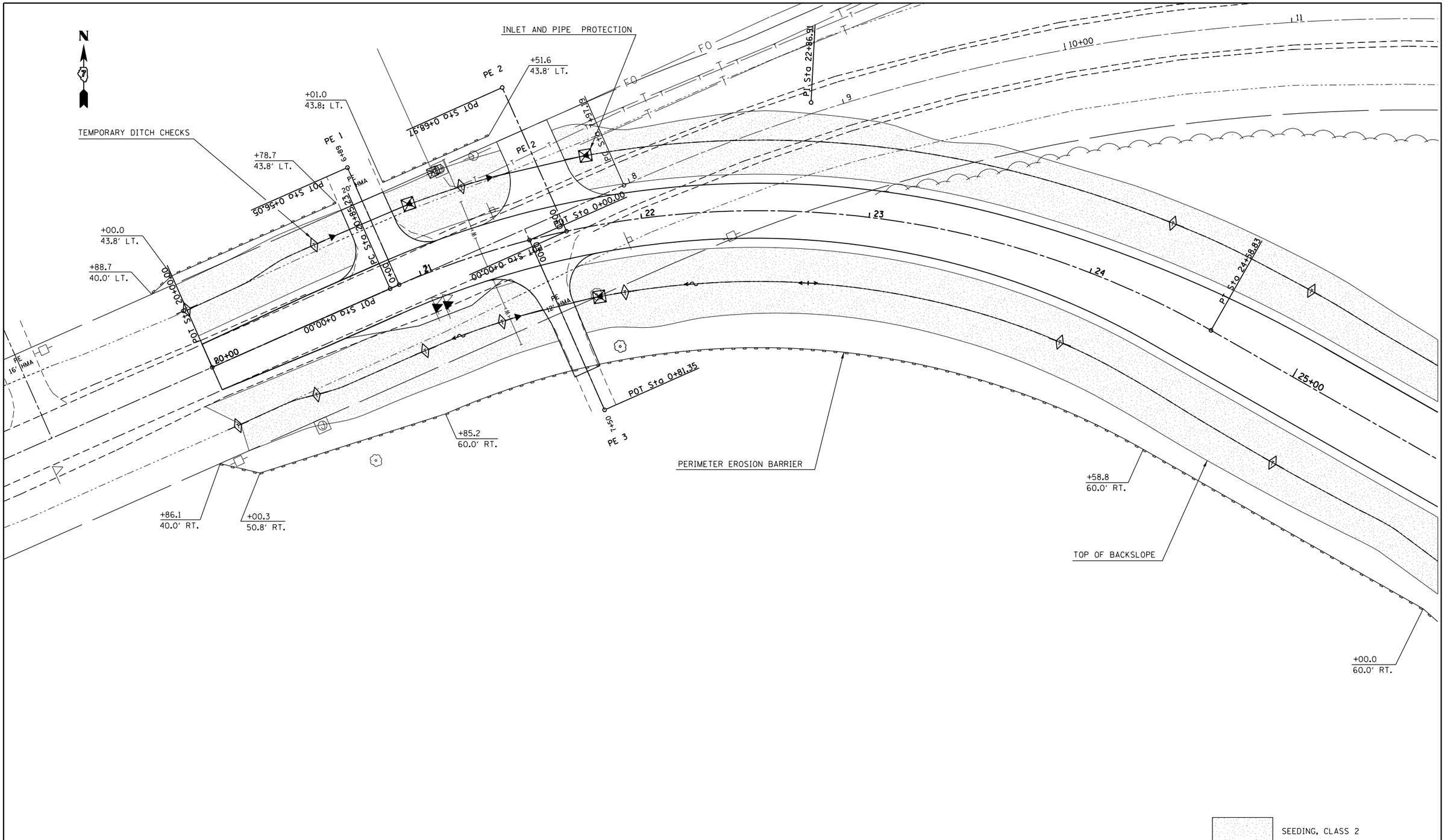
CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



NOTE: PERIMETER EROSION BARRIER IS SET ALONG PROPOSED R.O.W. AND ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN IL 16 EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	76
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 5 OF 19 SHEETS	STA. 616+00 TO STA. 620+00		ILLINOIS	FED. AID PROJECT		



NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. A EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	77
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 6 OF 19 SHEETS	STA. 20+00 TO STA. 25+00	ILLINOIS FED. AID PROJECT				

TOP OF BACKSLOPE

+75.0
54.8' LT.

+24.3
39.5' LT.

+24.9
41.6' RT.

+00.0
60.0' RT.

+71.7
75.0' RT.

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

+50.0
40.5' LT.

+29.8
59.4' LT.

+03.9
91.0' LT.

+08.4
103.2' LT.

+88.1
57.4' LT.

+75.4
60.0' LT.

PC Sta 28+22.49

PT Sta 29+53.34

+25.0
39.4' LT.

+25.0
44.1' RT.

PT Sta 30+75.41

+50.0
65.0' RT.

+40.8
89.7' RT.

+75.4
65.0' RT.

TEMPORARY DITCH CHECKS

+50.0
52.8' RT.

25+00

30+00

NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

SEEDING, CLASS 2

RIPRAP, CLASS A4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN E. HARRISON AVE. A
EROSION CONTROL AND SEEDING

SCALE: 20 | SHEET 7 OF 19 SHEETS | STA. 25+00 TO STA. 31+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	78

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECKS

+98.4
60.0' LT.

+75.4
60.0' LT.

+08.4
50.0' LT.

+25.0
9.1' LT.

+32.0
17.6' LT.

PT Sta 30+75.41

5+00

6

7

8

9

10+00

31

32

33

51

POT Sta 33+47.44

PT Sta 33+75.47

POT Sta 34+00.00

POT Sta 32+54.30

PC Sta 32+89.80

PI Sta 32+72.15

+25.0
36.2' LT.

+25.0
36.0' RT.

PI Sta 33+59.61

POT STA. 50+00.00 (E. HARRISON AVE. (B))=
STA. 31+53.28 (E. HARRISON AVE. (A))

50+00

+34.1
28.9' RT.

+25.0
18.4' RT.

+94.3
33.9' RT.

TOP OF BACKSLOPE

+00.0
60.0' RT.

+59.8
65.0' RT.

+75.4
65.0' RT.

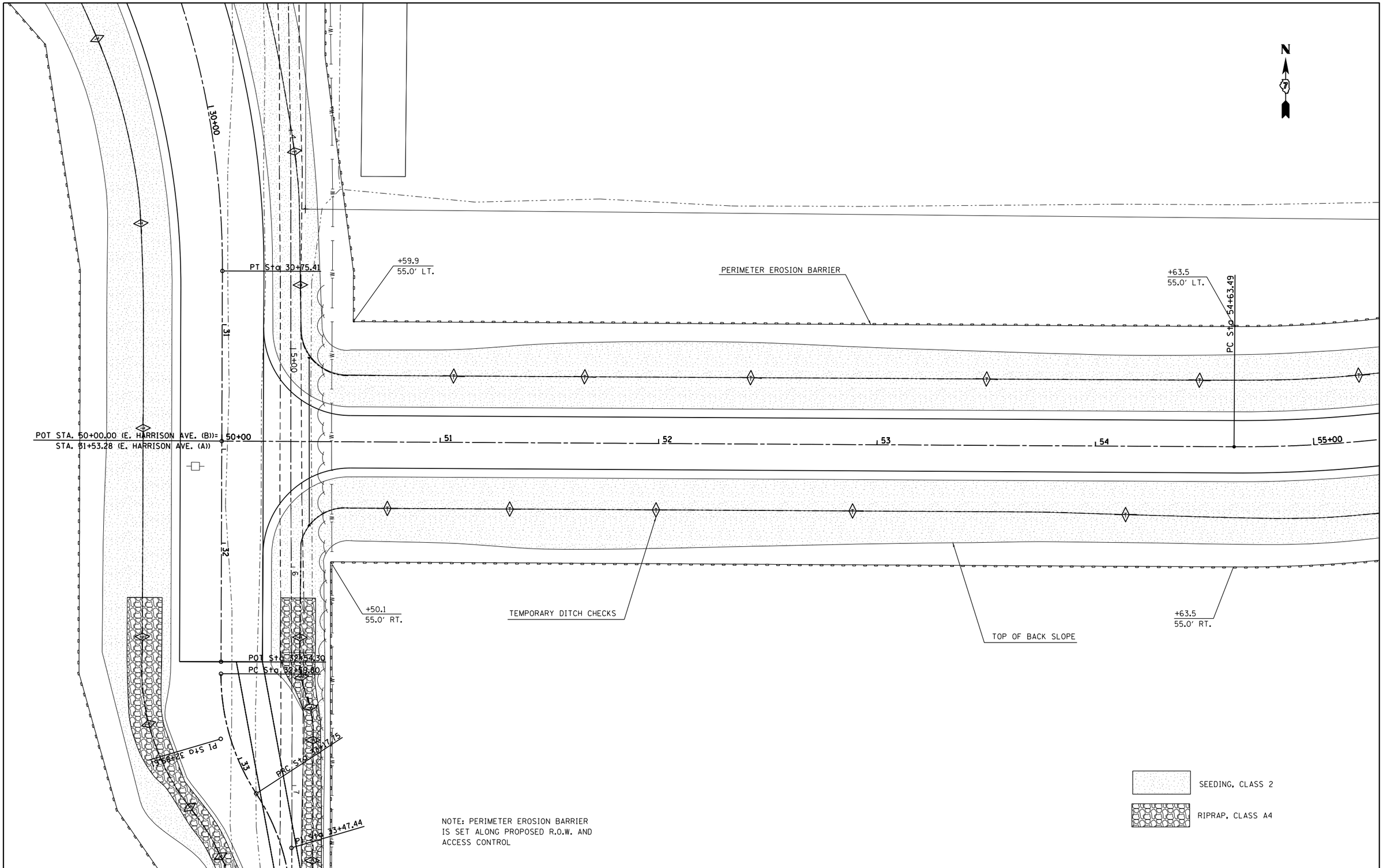
PERIMETER EROSION BARRIER

SEEDING, CLASS 2

RIPRAP, CLASS A4

NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. A EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	79
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 8 OF 19 SHEETS	STA. 31+00 TO STA. 10+00		ILLINOIS	FED. AID PROJECT		



NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN E. HARRISON AVE. B
EROSION CONTROL AND SEEDING

SCALE: 20 | SHEET 9 OF 19 SHEETS | STA. 50+00 TO STA. 55+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	80

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT

NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

N

INLET AND PIPE PROTECTION

+63.5
55.0' RT.

PC Sta 54+63.49

+28.1
55.0' LT.

+43.9
55.0' LT.

PT Sta 59+43.86

PERIMETER EROSION BARRIER

L 55+00

L 56

L 57

L 58

L 59

L 60+00

+63.5
55.0' RT.

+43.9
55.0' RT.

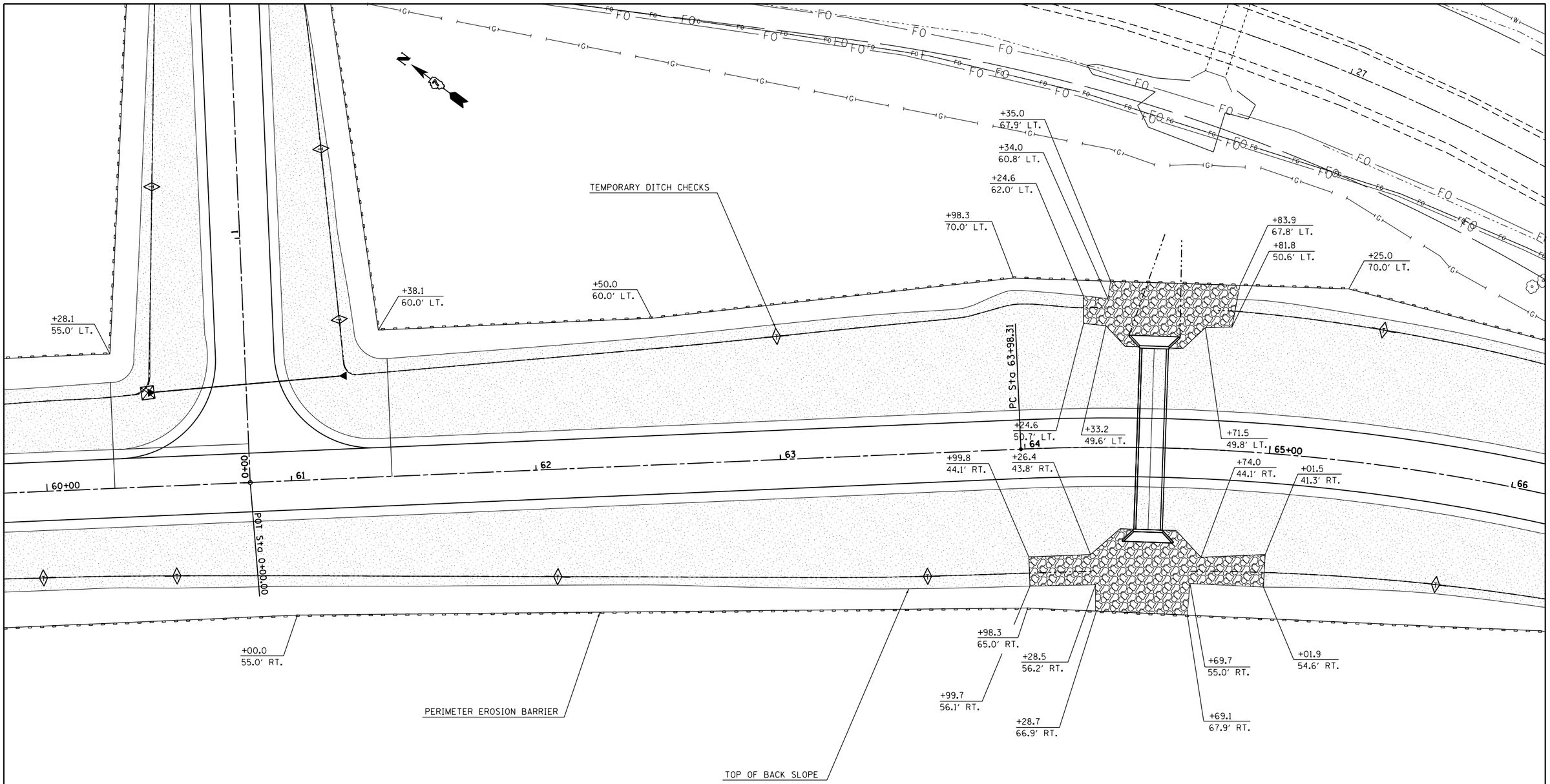
PI Sta 57+17.38

SEEDING, CLASS 2

TOP OF BACK SLOPE

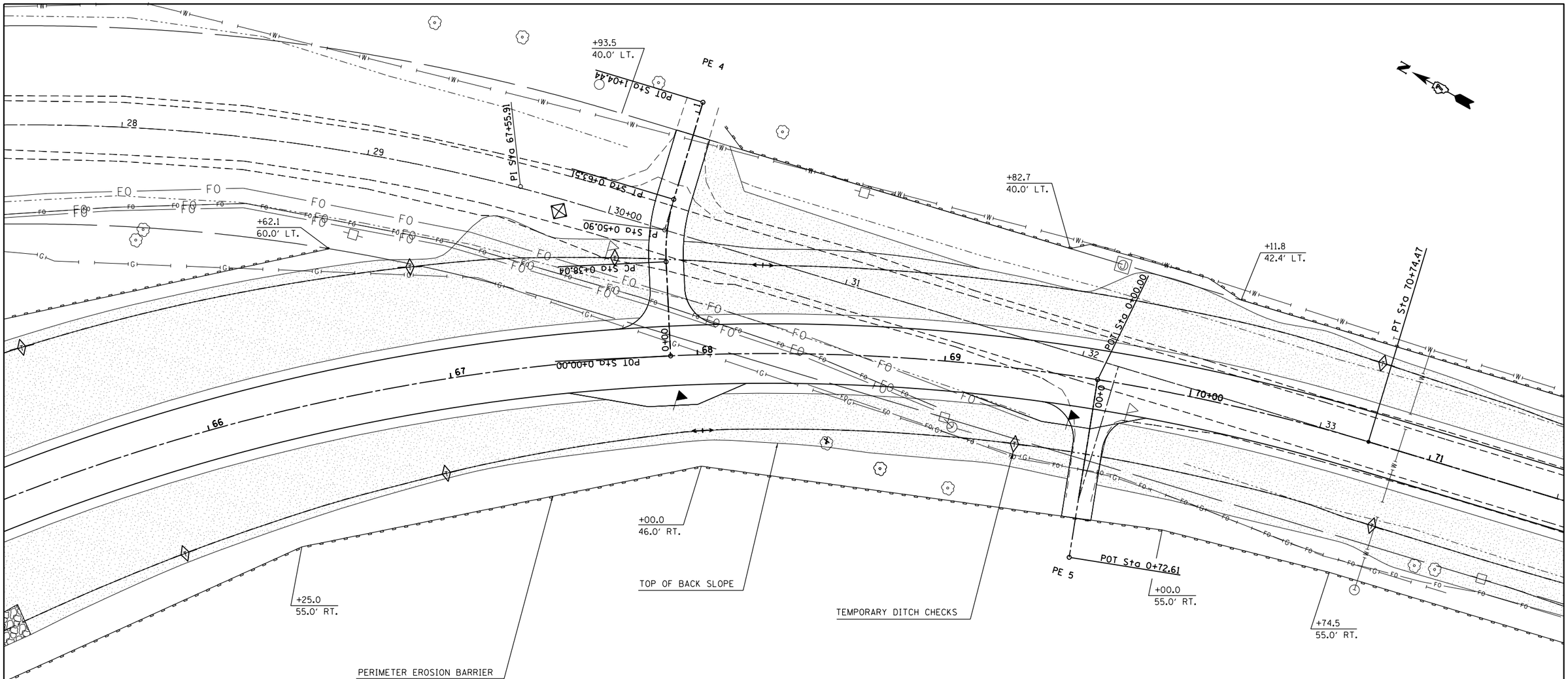
TEMPORARY DITCH CHECKS

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. B EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	81
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 10 OF 19 SHEETS STA. 55+00 TO STA. 60+00	ILLINOIS FED. AID PROJECT				



NOTE: PERIMETER EROSION BARRIER IS SET ALONG PROPOSED R.O.W. AND ACCESS CONTROL

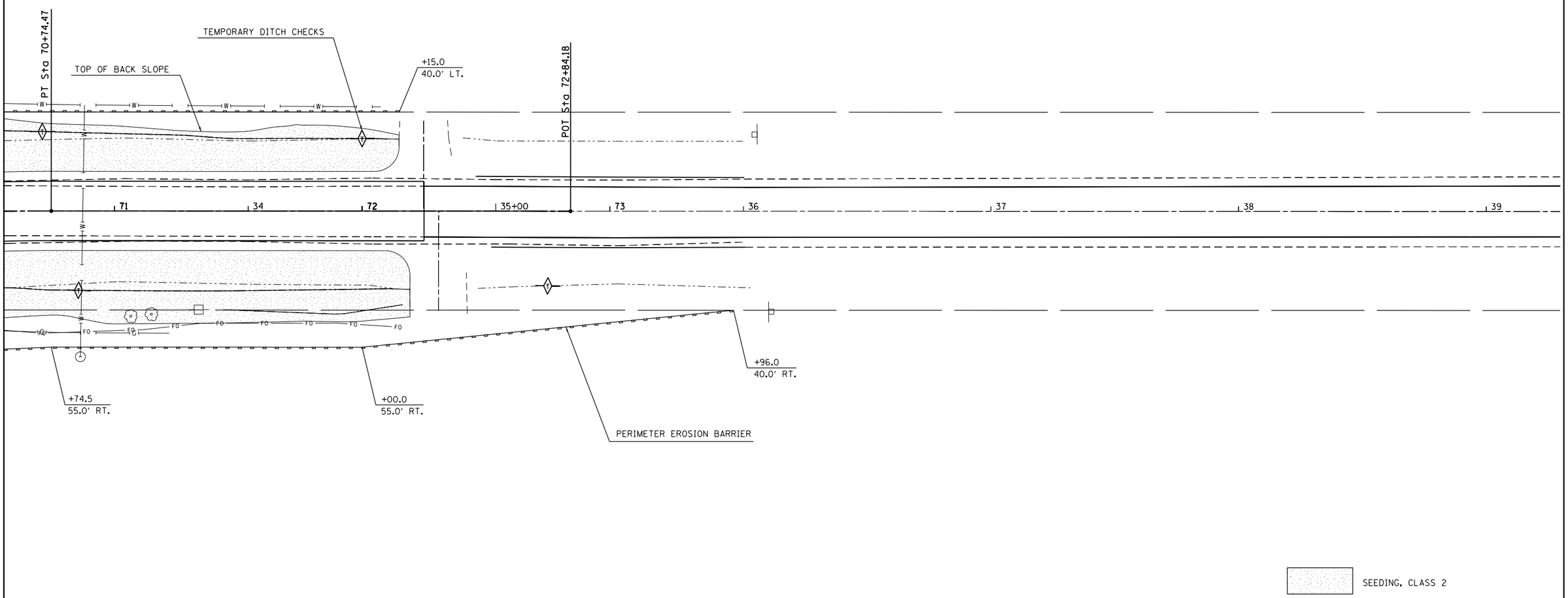
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. B EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	82
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 11 OF 19 SHEETS STA. 60+00 TO STA. 66+00		ILLINOIS	FED. AID PROJECT		



SEEDING, CLASS 2

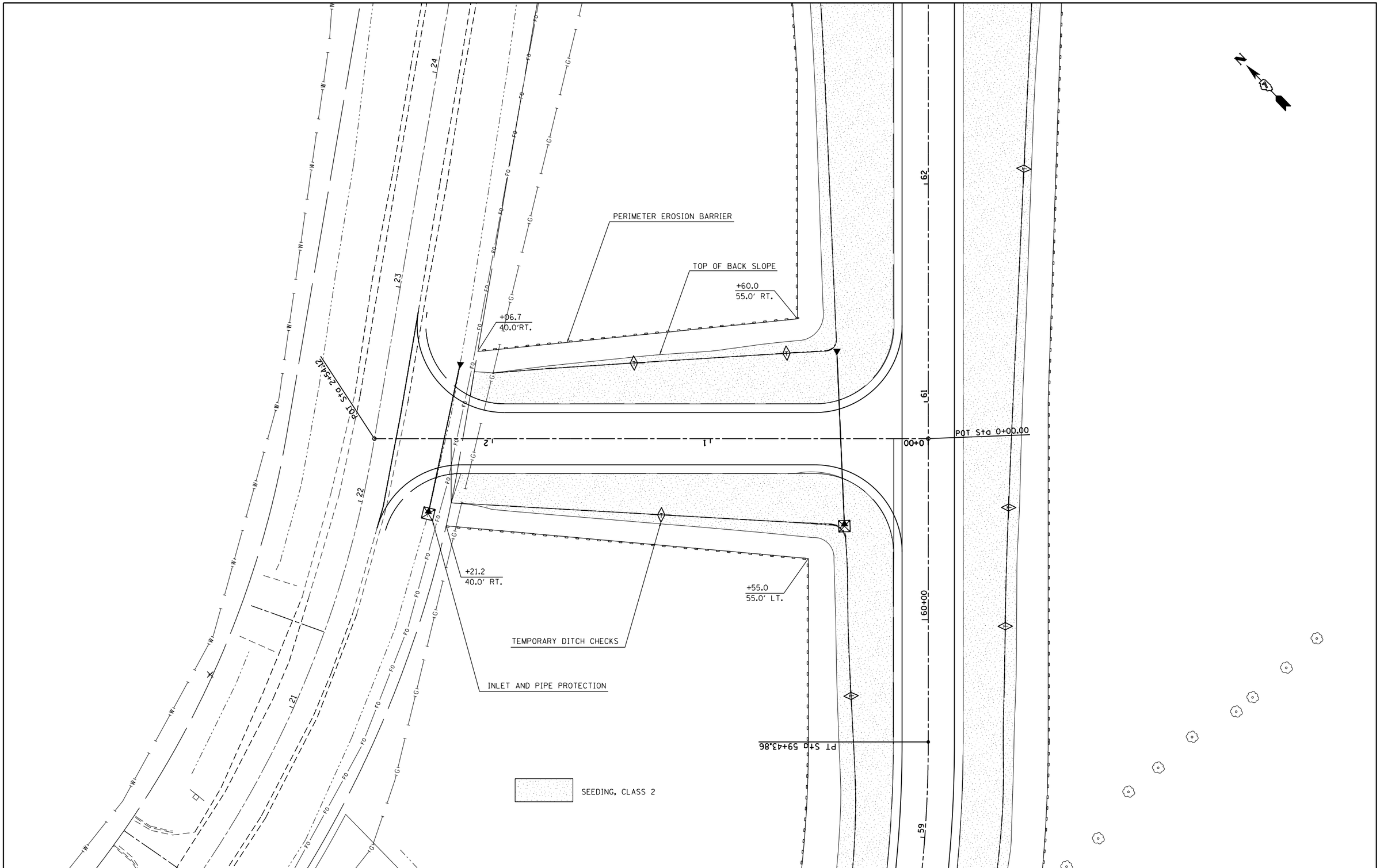
NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. B EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	83
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 12 OF 19 SHEETS	STA. 66+00 TO STA. 71+00		ILLINOIS	FED. AID PROJECT		



NOTE: PERIMETER EROSION BARRIER
IS SET ALONG PROPOSED R.O.W. AND
ACCESS CONTROL

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN E. HARRISON AVE. B EROSION CONTROL AND SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	Coles	271	84
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 13 OF 19 SHEETS	STA. 71+00 TO STA. 72+84.18		ILLINOIS	FED. AID PROJECT		



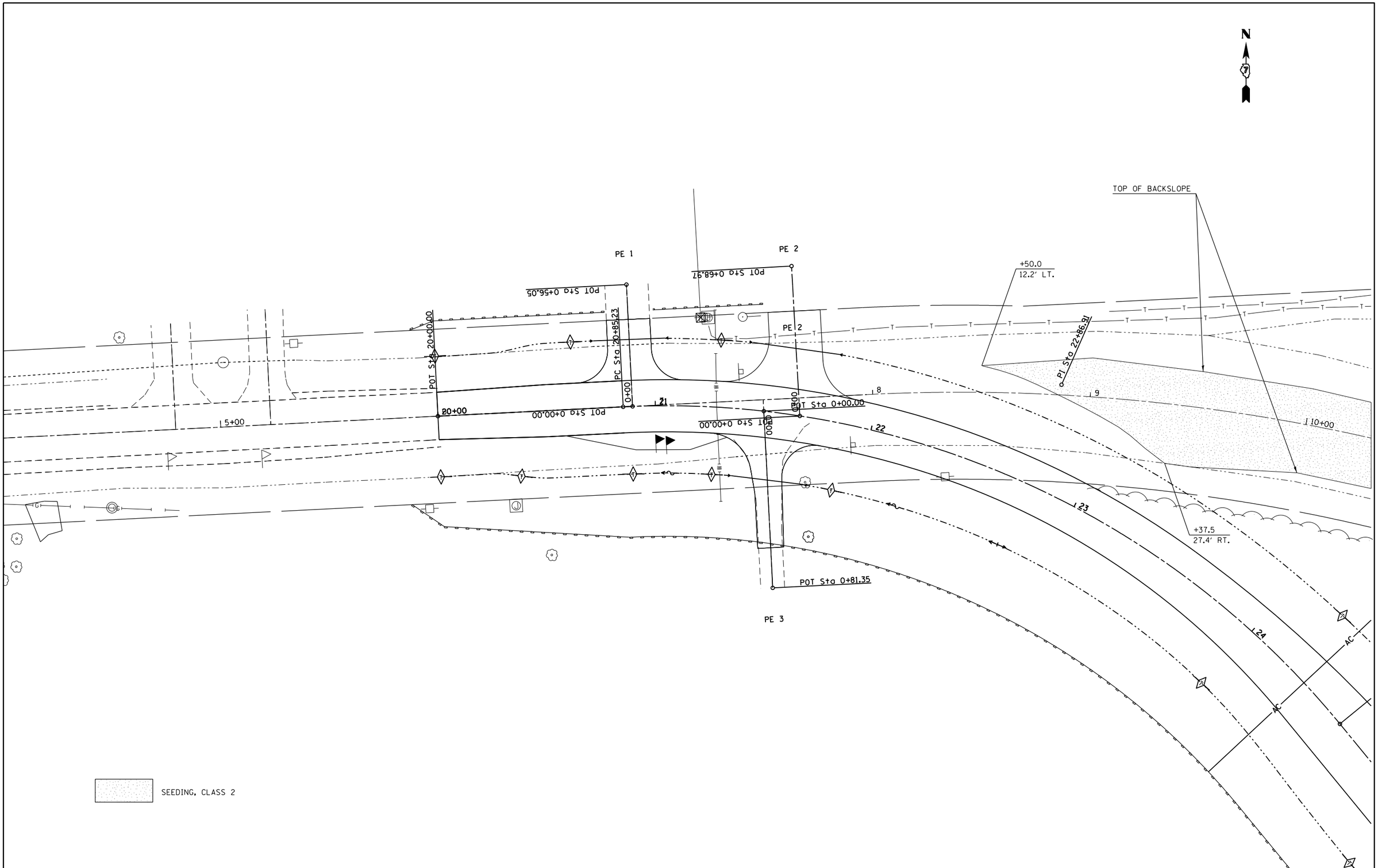
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

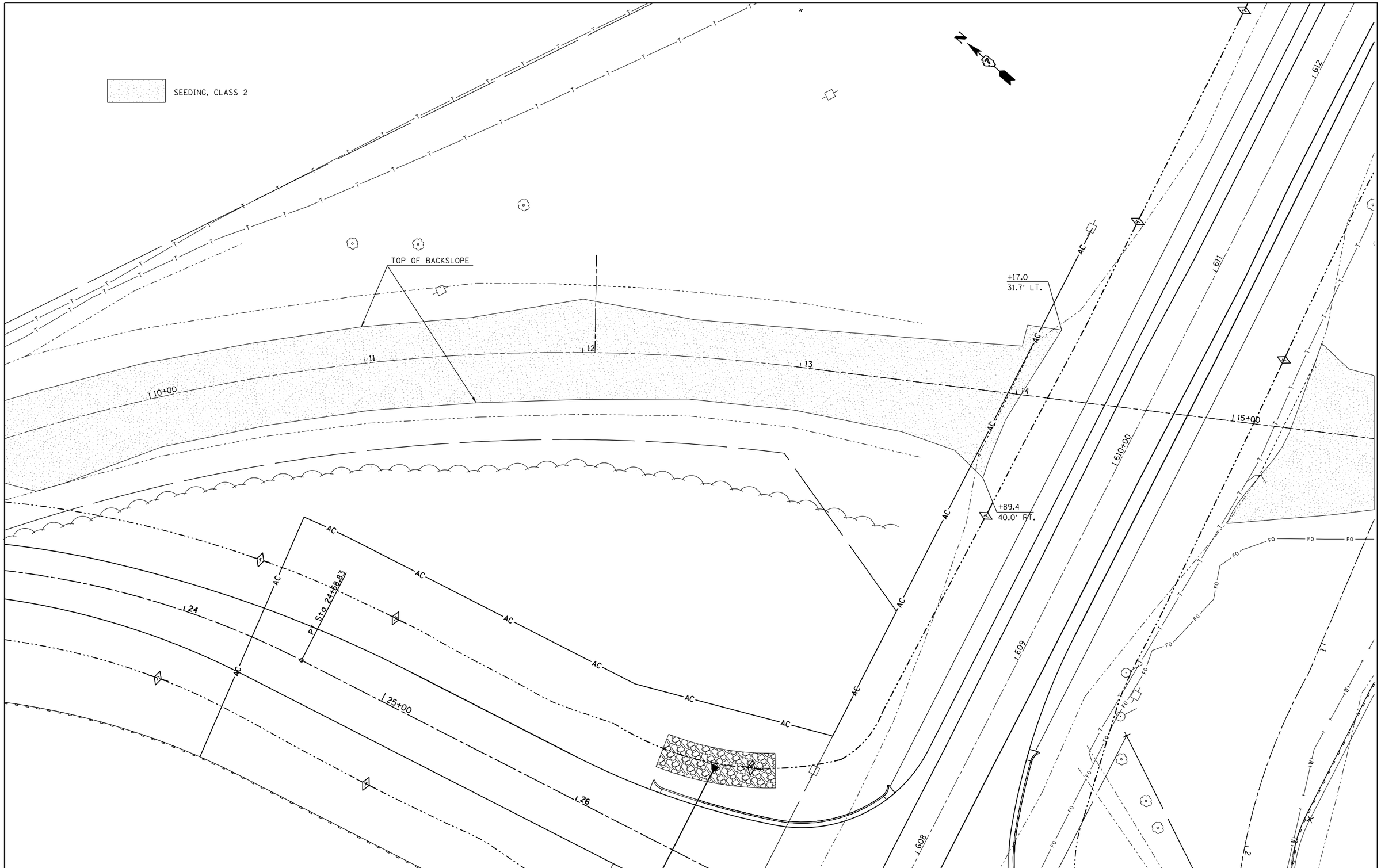
PLAN CONNECTOR RD.
EROSION CONTROL AND SEEDING

SCALE: 20 | SHEET 14 OF 19 SHEETS | STA. 0+00 TO STA. 2+54.12

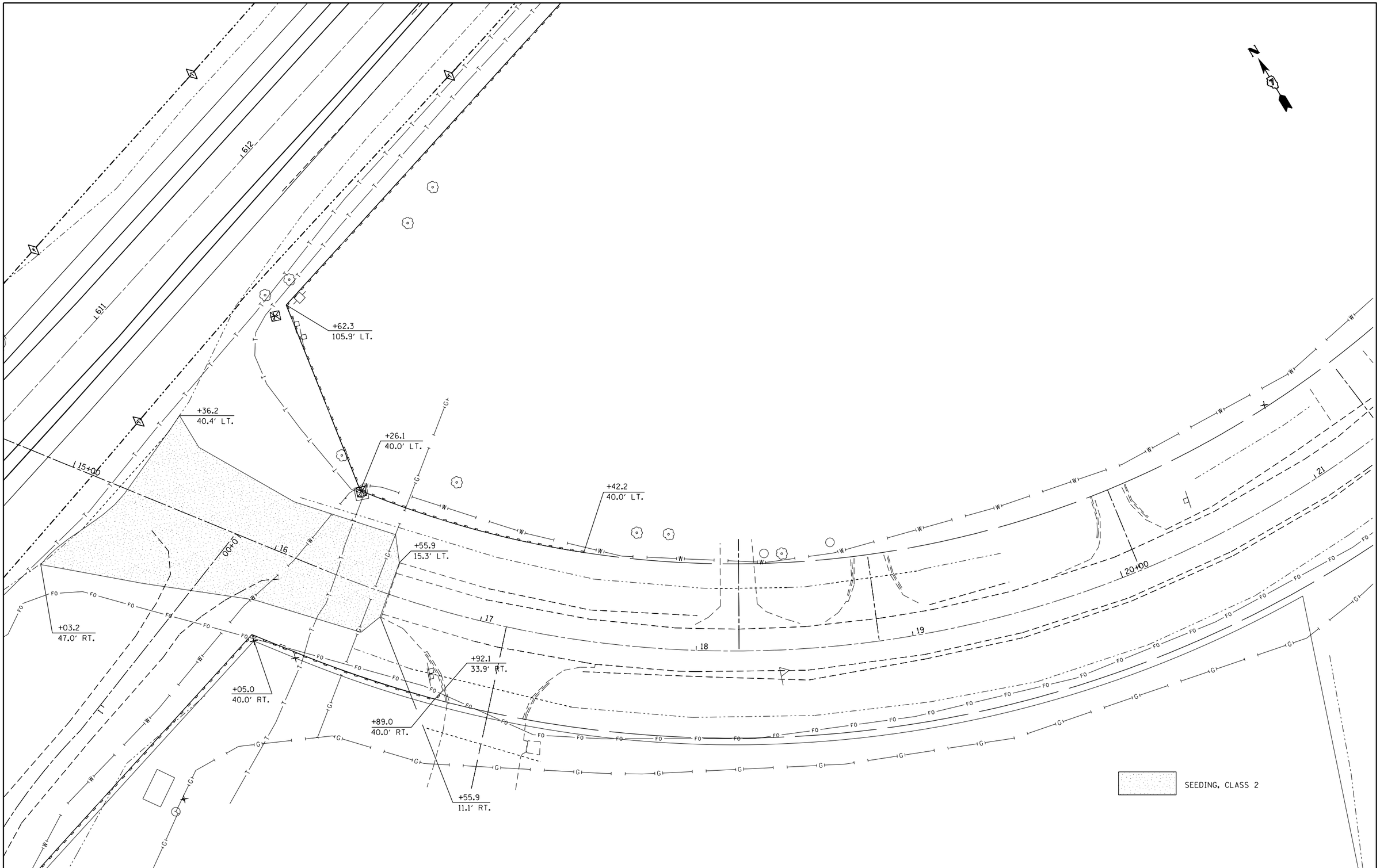
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	85
		CONTRACT NO. 74423		
	ILLINOIS FED. AID PROJECT			



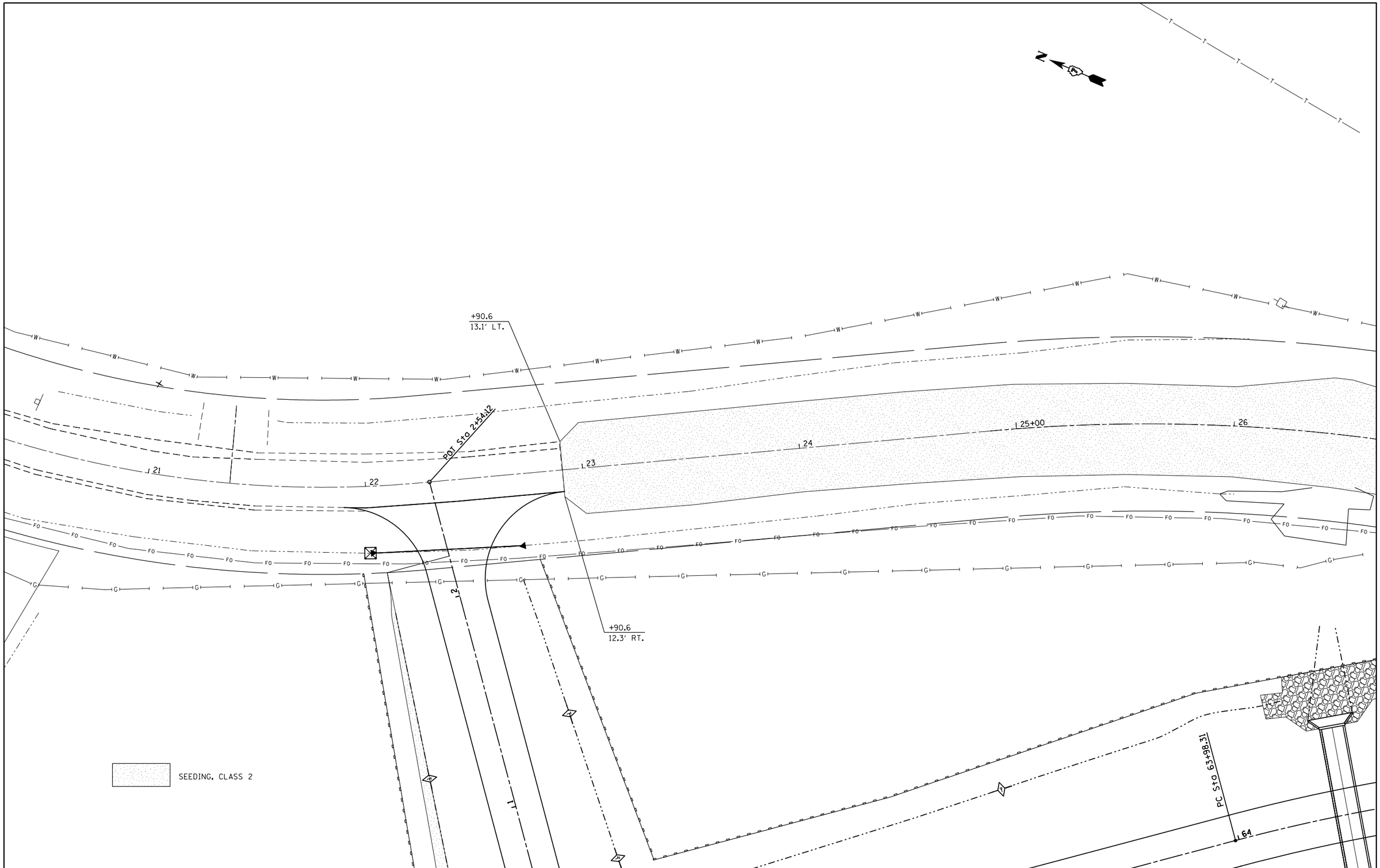
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN EX. E. HARRISON AVE. EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	86
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 15 OF 19 SHEETS STA. 8+50 TO STA. 10+00	ILLINOIS	FED. AID PROJECT			



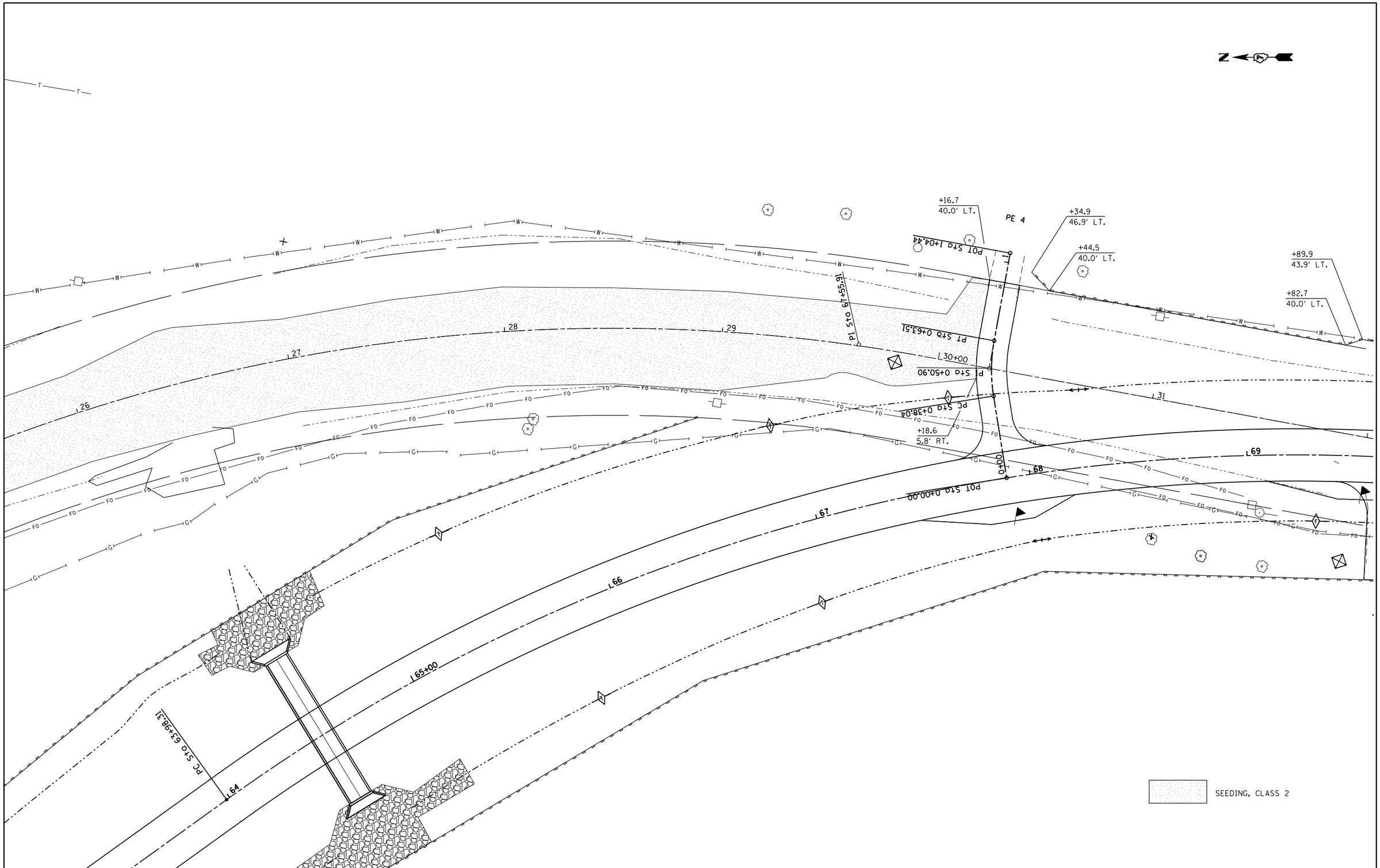
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN EX. E. HARRISON AVE. EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	87
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 74423				
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 16 OF 19 SHEETS STA. 10+00 TO STA. 15+00	ILLINOIS FED. AID PROJECT				



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN EX. E. HARRISON AVE. EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	88
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 17 OF 19 SHEETS STA. 15+00 TO STA. 16+55.90			ILLINOIS FED. AID PROJECT		

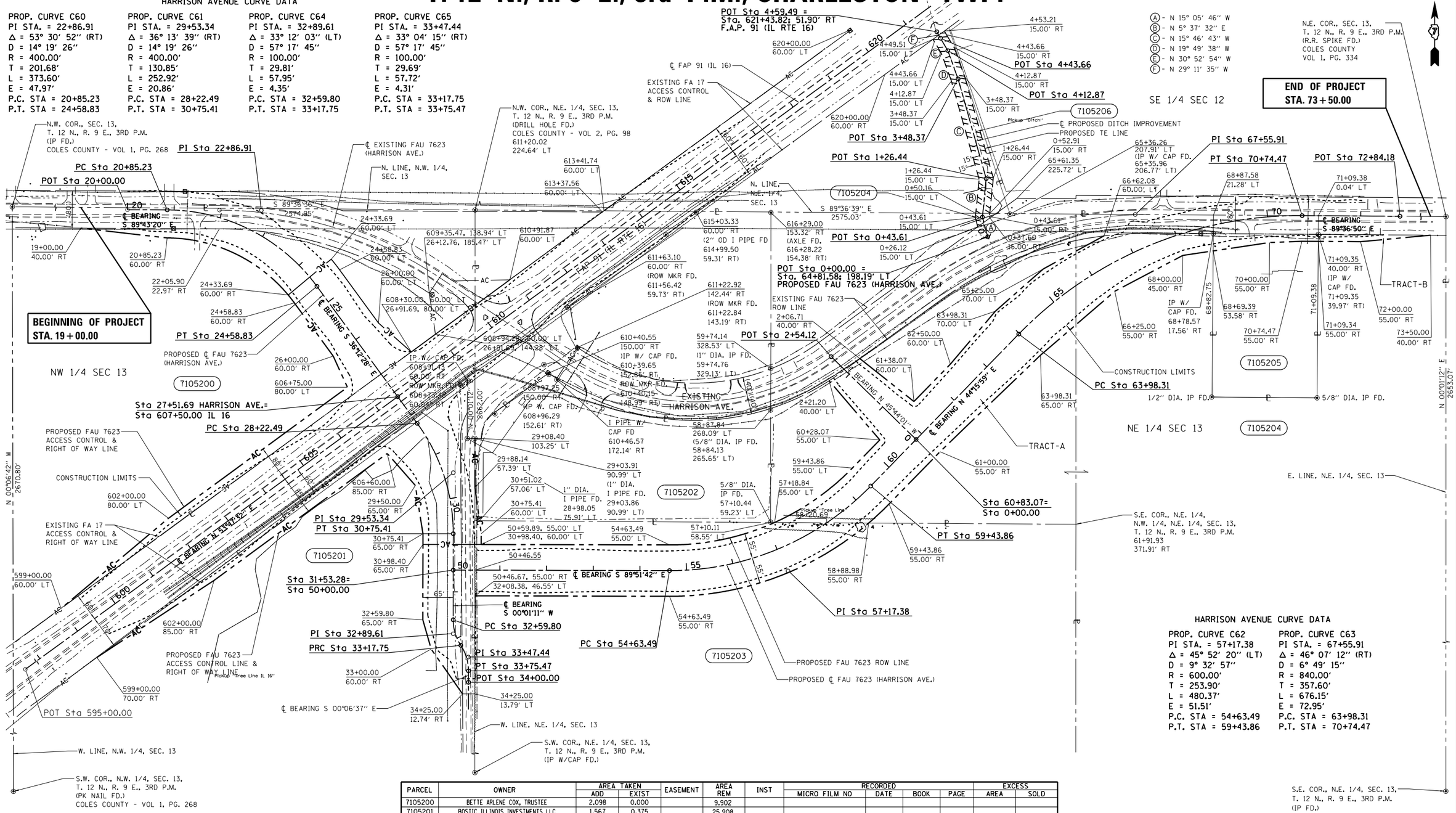


FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN EX. E. HARRISON AVE. EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	89
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 18 OF 19 SHEETS STA. 22+90.60 TO STA. 26+00			ILLINOIS FED. AID PROJECT		



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-erosion.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN EX. E. HARRISON AVE. EROSION CONTROL AND SEEDING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			91	5N	Coles	271	90
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 19 OF 19 SHEETS STA. 26+00 TO STA. 30+18.60		ILLINOIS FED. AID PROJECT			

T. 12 N., R. 9 E., 3rd P.M., CHARLESTON TWP.



HARRISON AVENUE CURVE DATA

PROP. CURVE C60	PROP. CURVE C61	PROP. CURVE C64	PROP. CURVE C65
PI STA. = 22+86.91	PI STA. = 29+53.34	PI STA. = 32+89.61	PI STA. = 33+47.44
Δ = 53° 30' 52" (RT)	Δ = 36° 13' 39" (RT)	Δ = 33° 12' 03" (LT)	Δ = 33° 04' 15" (RT)
D = 14° 19' 26"	D = 14° 19' 26"	D = 57° 17' 45"	D = 57° 17' 45"
R = 400.00'	R = 400.00'	R = 100.00'	R = 100.00'
T = 201.68'	T = 130.85'	T = 29.81'	T = 29.69'
L = 373.60'	L = 252.92'	L = 57.95'	L = 57.72'
E = 47.97'	E = 20.86'	E = 4.35'	E = 4.31'
P.C. STA = 20+85.23	P.C. STA = 28+22.49	P.C. STA = 32+59.80	P.C. STA = 33+17.75
P.T. STA = 24+58.83	P.T. STA = 30+75.41	P.T. STA = 33+17.75	P.T. STA = 33+75.47

HARRISON AVENUE CURVE DATA

PROP. CURVE C62	PROP. CURVE C63
PI STA. = 57+17.38	PI STA. = 67+55.91
Δ = 45° 52' 20" (LT)	Δ = 46° 07' 12" (RT)
D = 9° 32' 57"	D = 6° 49' 15"
R = 600.00'	R = 840.00'
T = 253.90'	T = 357.60'
L = 480.37'	L = 676.15'
E = 51.51'	E = 72.95'
P.C. STA = 54+63.49	P.C. STA = 63+98.31
P.T. STA = 59+43.86	P.T. STA = 70+74.47

PARCEL	OWNER	AREA TAKEN ADD	AREA TAKEN EXIST	EASEMENT	AREA REM	INST	RECORDED MICRO FILM NO	RECORDED DATE	RECORDED BOOK	RECORDED PAGE	EXCESS AREA	EXCESS SOLD
7105200	BETTE ARLENE COX, TRUSTEE	2.098	0.000		9.902							
7105201	BOSTIC ILLINOIS INVESTMENTS LLC	1.567	0.375		25.908							
7105202	STORAGE EXPRESS HOLDINGS LLC	0.008	0.000		3.553							
7105203	THE ESTATE OF RACHEL O. HAYS	1.962	0.000		57.018							
7105204	JOHN M. FINLEY & BONNIE FINLEY	3.067	0.000	0.014	38.843							
	TRACT-A	3.010	0.000									
	TRACT-B	0.057	0.000									
	TE			0.014								
7105205	JOHN M. FINLEY & BONNIE FINLEY	0.115	0.000		1.895							
7105206	FIRST MID-ILLINOIS BANK & TRUST, N.A., AS TRUSTEE			0.275								

NOTE:
BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE DATUM OF 1983(07)

⊙ - MONUMENT FD. (AS NOTED)
⊠ - ROW MARKER

USER NAME = steffenmk	DESIGNED - IDOT	REVISED - 11/28/12	
FILE NAME = D774423-sht-row.dgn	DRAWN - BEB	REVISED - 01/23/13	
PLOT SCALE = 200.0000 ' / in.	CHECKED - MER	REVISED -	
PLOT DATE = 5/7/2014	DATE - 08/30/12	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

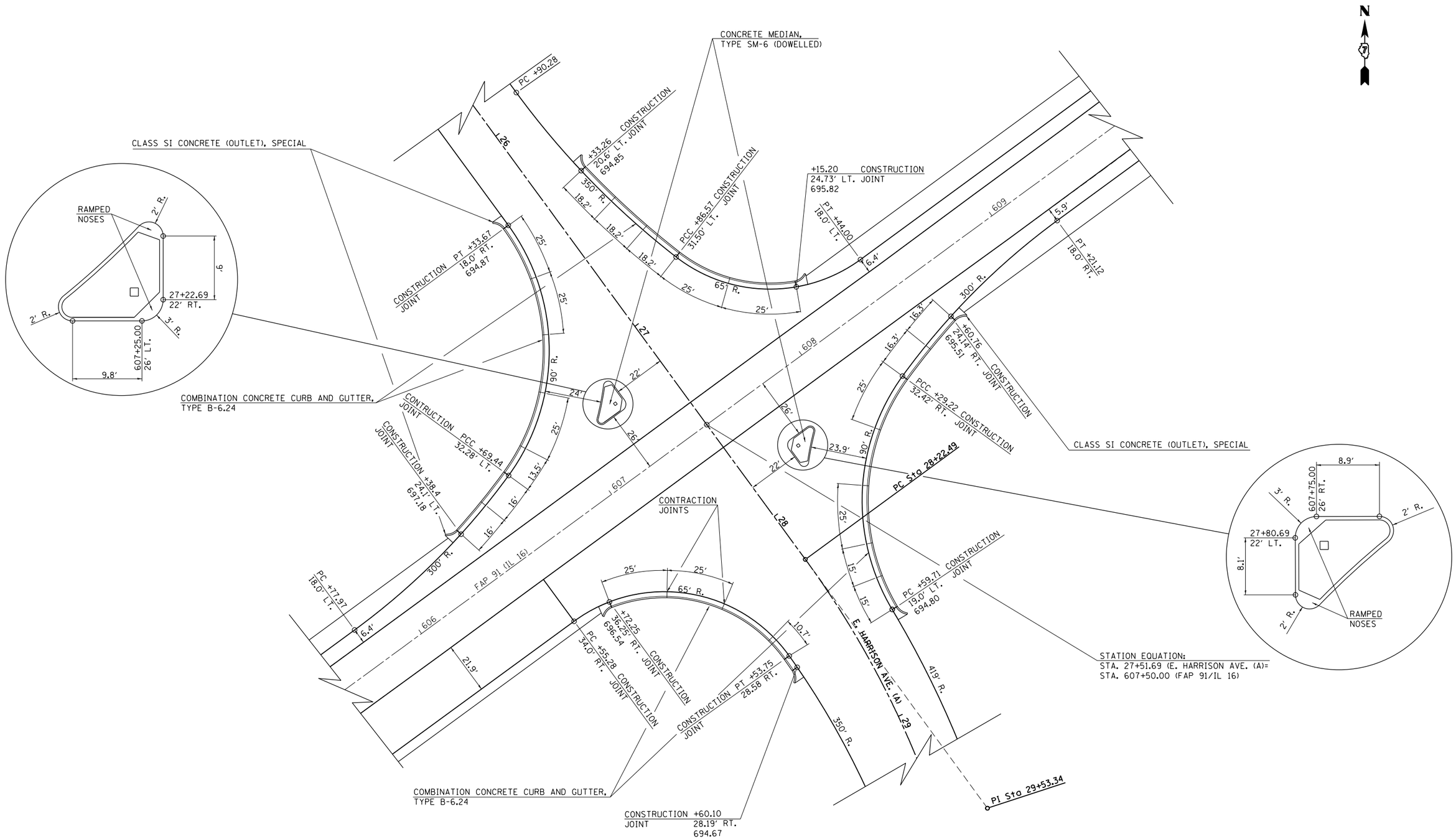
RIGHT OF WAY PLANS

SCALE: 1" = 100' | PROJECT | SHEET NO. 1 OF 1 SHEETS | JOB NO. R-97-005-11 | STA. 19+00.00 TO STA. 73+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	91

CONTRACT NO. 74423

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



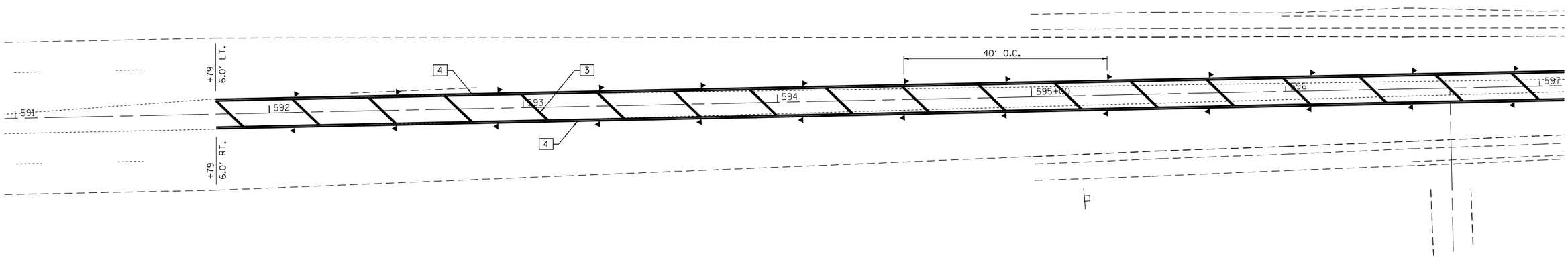
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-details.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL E. HARRISON AVE (A) & FAP 91	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		91	5N	Coles	271	92
		PLOT DATE = 5/7/2014	CHECKED -	REVISED -				CONTRACT NO. 74423		
Default			DATE -	REVISED -	SCALE: NA	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



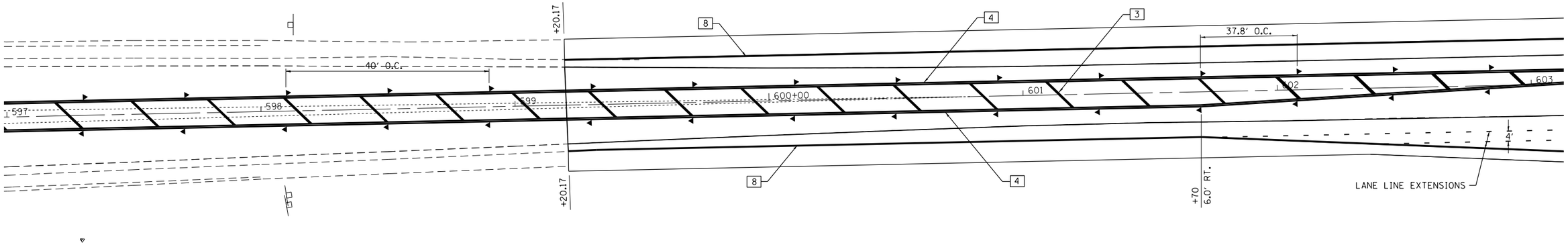
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS	STRIPING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE. 16	91	5N	COLES	271	93
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423		
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 SHEET 1 OF 10 SHEETS STA. 591+00 TO STA. 597+00		ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING PLAN
IL RTE. 16

SCALE: 20 220 | SHEET 2 OF 10 SHEETS | STA. 597+00 TO STA. 603+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	94

CONTRACT NO. 74423

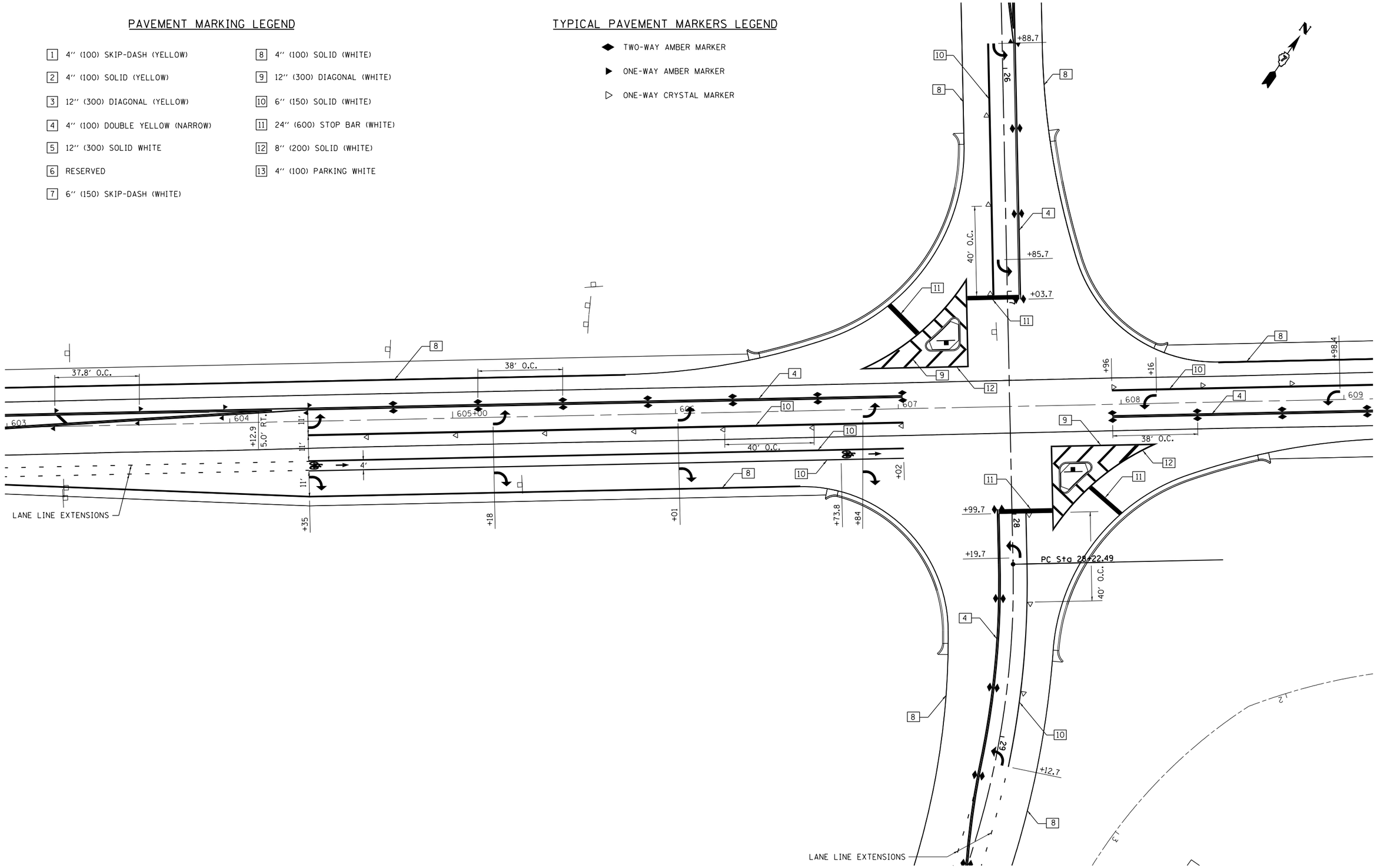
ILLINOIS FED. AID PROJECT

PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/7/2014	CHECKED -	REVISED -
Default		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING PLAN
IL RTE. 16

SCALE: 20 | SHEET 3 OF 10 SHEETS | STA. 603+00 TO STA. 609+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	95

CONTRACT NO. 74423

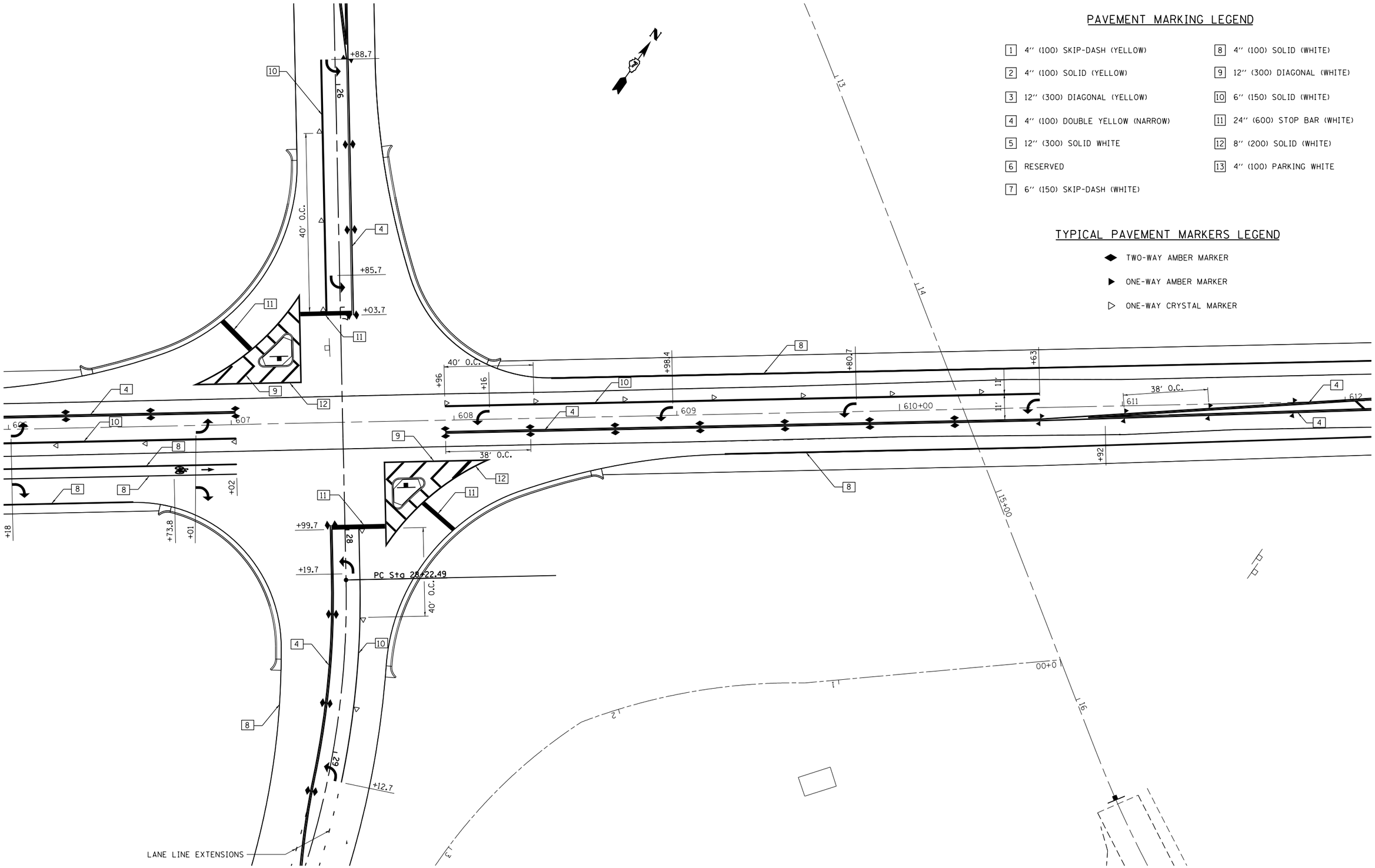
ILLINOIS FED. AID PROJECT

PAVEMENT MARKING LEGEND

1	4'' (100) SKIP-DASH (YELLOW)	8	4'' (100) SOLID (WHITE)
2	4'' (100) SOLID (YELLOW)	9	12'' (300) DIAGONAL (WHITE)
3	12'' (300) DIAGONAL (YELLOW)	10	6'' (150) SOLID (WHITE)
4	4'' (100) DOUBLE YELLOW (NARROW)	11	24'' (600) STOP BAR (WHITE)
5	12'' (300) SOLID WHITE	12	8'' (200) SOLID (WHITE)
6	RESERVED	13	4'' (100) PARKING WHITE
7	6'' (150) SKIP-DASH (WHITE)		

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



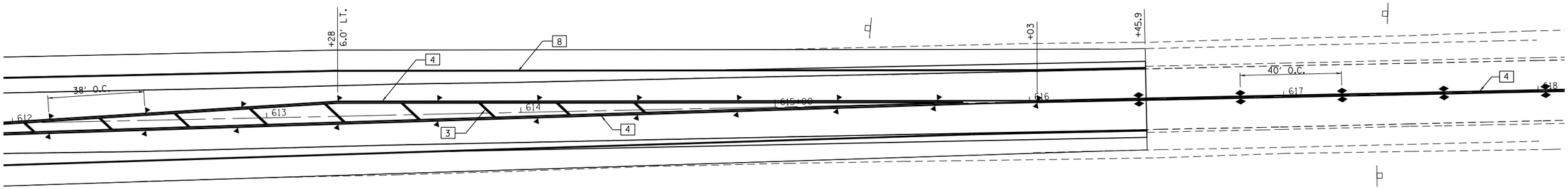
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN IL RTE. 16	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			91	5N	COLES	271	96
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20 / SHEET 4 OF 10 SHEETS / STA. 606+00 TO STA. 612+00			CONTRACT NO. 74423		
								ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



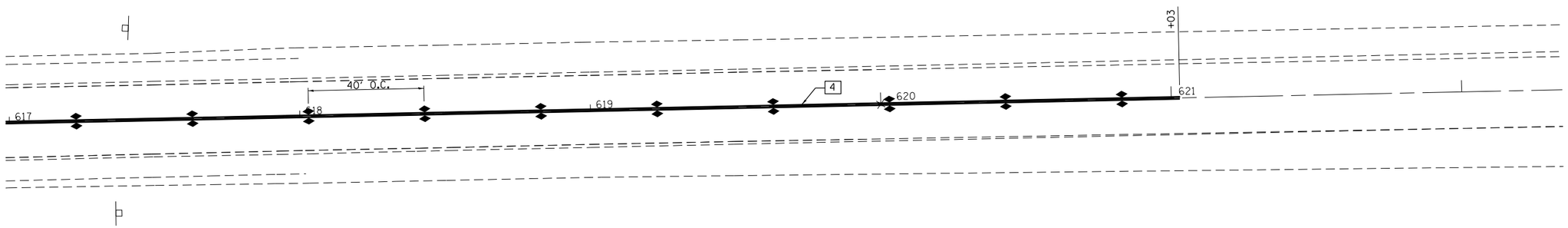
FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRIPING PLAN IL RTE. 16			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					91	5N	COLES	271	97
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 74423				
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -		SCALE: 20	SHEET 5 OF 10 SHEETS	STA. 612+00 TO STA. 618+00	ILLINOIS	FED. AID PROJECT			

PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER



FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

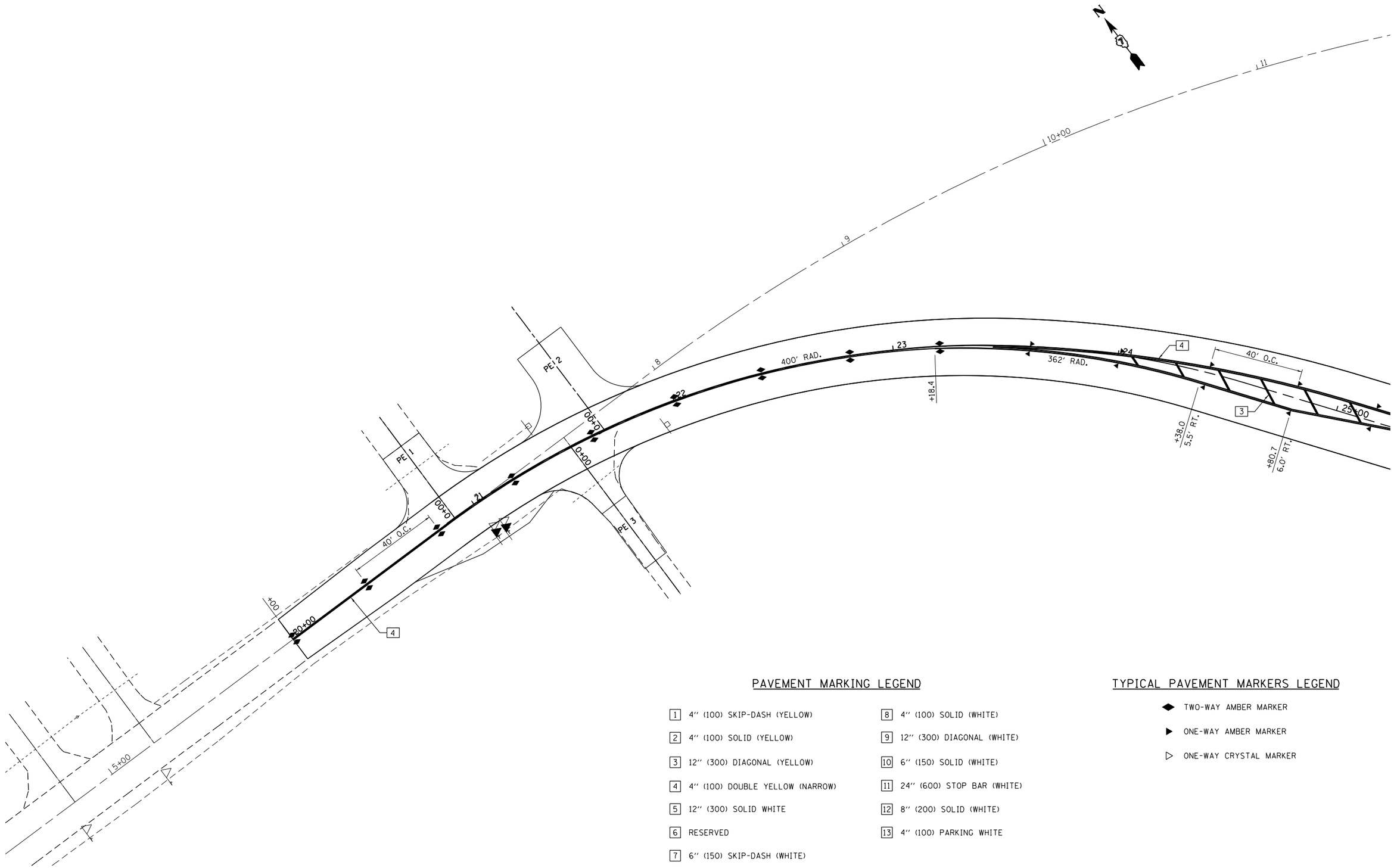
STRIPING PLAN
IL RTE. 16

SCALE: 20 | SHEET 6 OF 10 SHEETS | STA. 617+00 TO STA. 622+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	98

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID WHITE
6. RESERVED
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

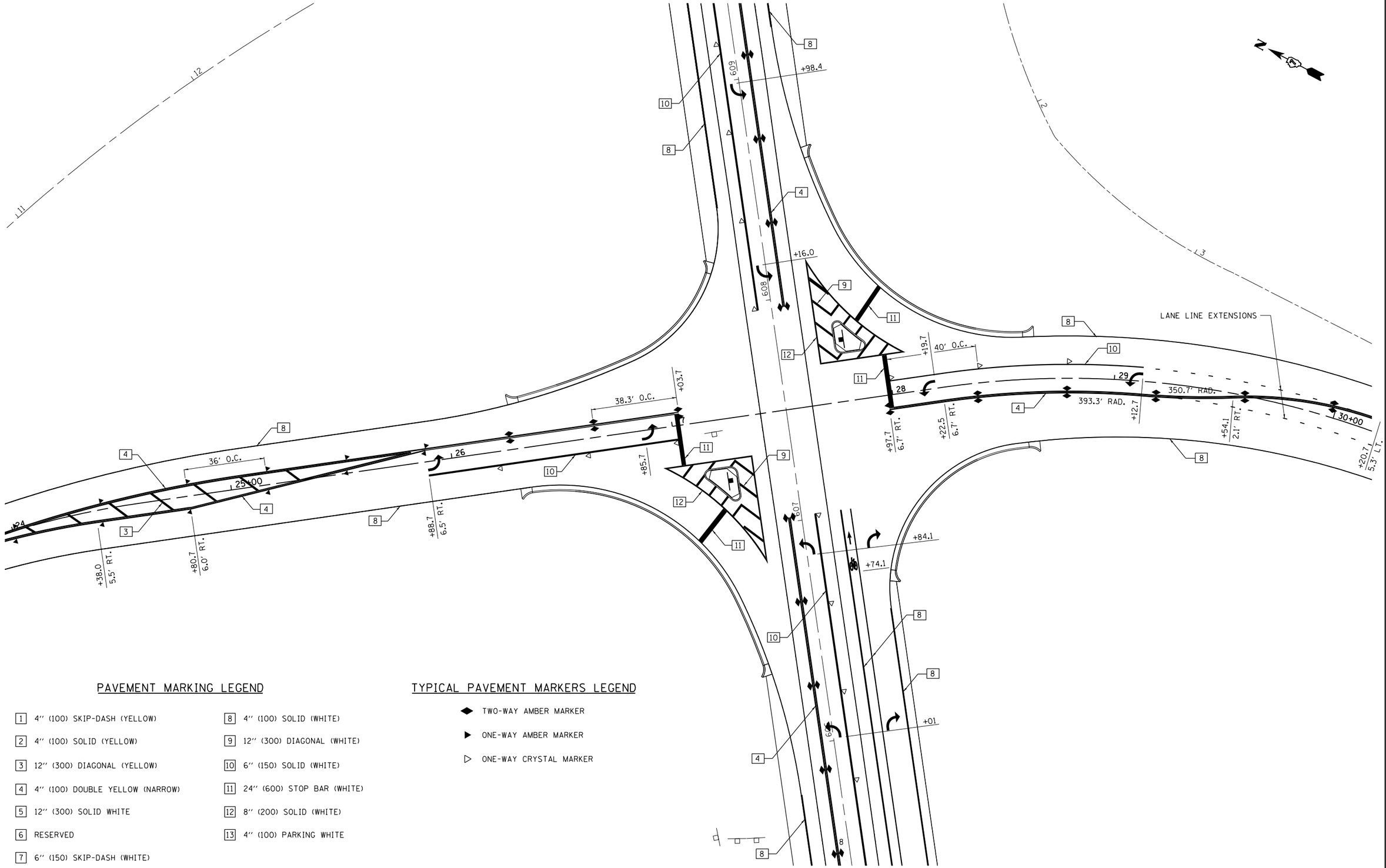
STRIPING PLAN
E. HARRISON AVE. (A)

SCALE: 20 | SHEET 7 OF 10 SHEETS | STA. 20+00 TO STA. 25+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	99

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

1. 4'' (100) SKIP-DASH (YELLOW)
2. 4'' (100) SOLID (YELLOW)
3. 12'' (300) DIAGONAL (YELLOW)
4. 4'' (100) DOUBLE YELLOW (NARROW)
5. 12'' (300) SOLID WHITE
6. RESERVED
7. 6'' (150) SKIP-DASH (WHITE)
8. 4'' (100) SOLID (WHITE)
9. 12'' (300) DIAGONAL (WHITE)
10. 6'' (150) SOLID (WHITE)
11. 24'' (600) STOP BAR (WHITE)
12. 8'' (200) SOLID (WHITE)
13. 4'' (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

FILE NAME = c:\pw_work\pwidot\steffenmk\d0158776\D774423-sht-striping.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 5/7/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING PLAN
E. HARRISON AVE. (A)

SCALE: 20 | SHEET 8 OF 10 SHEETS | STA. 24+00 TO STA. 30+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	COLES	271	100

CONTRACT NO. 74423

ILLINOIS FED. AID PROJECT