

04-26-13 LETTING ITEM 115
REVISED

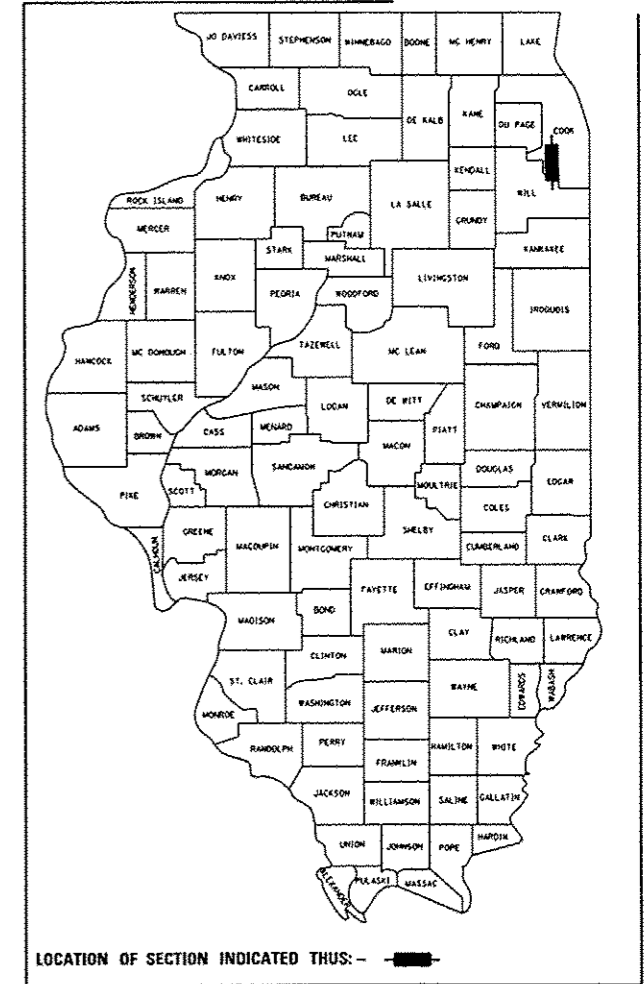
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 330: US 45 (LAGRANGE ROAD)
143RD STREET TO 159TH STREET
SECTION: 103R-4
PROJECT: NHPP-0330(073)
ADDITIONAL LANES & RETAINING WALL
COOK COUNTY
C-91-145-11

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	1
ILLINOIS CONTRACT NO. 60M61			*877+4 = 881	

D-91-436-12
D-91-569-08



FOR INDEX OF SHEETS, SEE SHEET NO. 3

PROJECT LOCATED IN VILLAGE OF ORLAND PARK

STATION EQUATIONS:

STA 222+05.40 @ US 45 (LAGRANGE ROAD) = STA 248+55.18 @ US 45 (LAGRANGE ROAD) =
STA 506+66.80 @ 151ST STREET (WEST) = STA 228+70.01 @ 147TH STREET
STA 525+00.00 @ 151ST STREET (EAST)
STA 208+77.39 @ US 45 (LAGRANGE ROAD) = STA 265+09.86 @ US 45 (LAGRANGE ROAD) =
STA 328+73.28 @ 153RD STREET = STA 178+25.00 @ 144TH PLACE
STA 235+31.72 @ US 45 (LAGRANGE ROAD) =
STA 278+83.99 @ 149TH STREET (WEST)

STA 235+32.14 @ US 45 (LAGRANGE ROAD) =
STA 300+00.00 @ 149TH STREET (EAST)

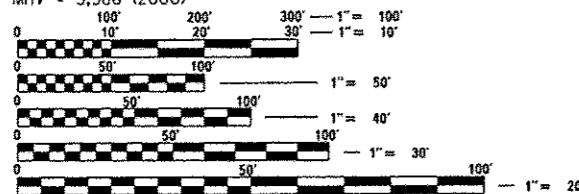
DESIGN DESIGNATION:

US 45 (LAGRANGE ROAD): 2550 (20) OTHER PRINCIPAL ARTERIAL AND STRATEGIC REGIONAL ARTERIAL (SRA) -
CLASS II TRUCK ROUTE 11.55 (JPCP-30)

153RD STREET: 100 (20) LOCAL 8.68 (FD-20)
151ST STREET: 600 (20) COLLECTOR 8.68 (FD-20)
149TH STREET: 100 (20) LOCAL 8.68 (FD-20)
147TH STREET: 50 (20) LOCAL 8.68 (FD-20)
144TH PLACE: 100 (20) LOCAL 8.68 (FD-20)

DESIGN TRAFFIC DATA:

US 45 (LAGRANGE ROAD) = 45 MPH
ADT = 42,000 (2000, 159TH ST TO 151ST ST)
ADT = 46,000 (2000, 151ST ST TO 143RD ST)
ADT = 45,000 (2030, 159TH ST TO 151ST ST)
ADT = 49,000 (2030, 151ST ST TO 143RD ST)
153RD STREET = 45 MPH
MHV = 2,789 (2000)
151ST STREET = 45 MPH
MHV = 2,782 (2000)
149TH STREET = 45 MPH
MHV = 2,603 (2000)
147TH STREET = 45 MPH
MHV = 3,418 (2000)
144TH PLACE = 45 MPH
MHV = 3,386 (2000)

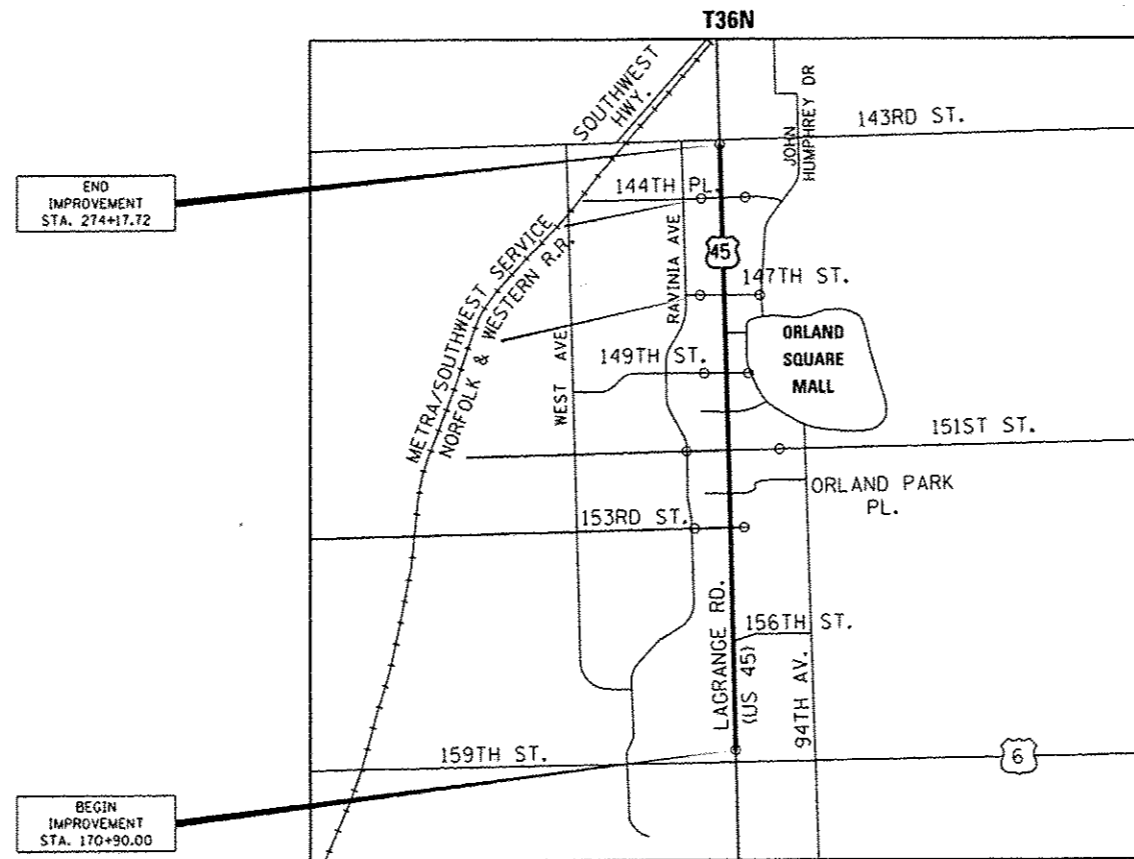


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT MANAGER: RAJENDRA SHAH, P.E.
(847) 705-4555

CONTRACT NO. 60M61

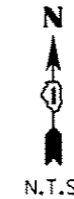


END IMPROVEMENT
STA. 274+17.72

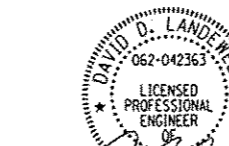
BEGIN IMPROVEMENT
STA. 170+90.00

ORLAND TOWNSHIP

GROSS LENGTH = 10,327.72 FT. = 1.956 MILE
NET LENGTH = 10,327.72 FT. = 1.956 MILE



R12E



DAVID D. LANDEWEER, P.E.
LICENSE NO.: 062-042363
EXPIRES: NOVEMBER 30, 2013

SEE SHEET 2 FOR APPLICABLE DESIGN SECTION SIGNATURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: January 31, 2013
John Fortman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22, 2013
John D. Baranzelli, P.E.
actg ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2013
Omer Osham, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

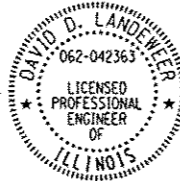

PLANS PREPARED BY:
URS 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000
CHICAGO IL, 60606 FAX (312)-939-4198

Rev.

REV 3-19-2013

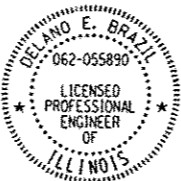
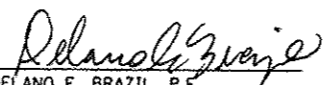
P2 5-19-2013

COMPANY: URS CORPORATION



DAVID D. LANDEWEER, P.E.
 LICENSE NO.: 062-042363
 EXPIRES: NOVEMBER 30, 2013
 DATE: 03-13-2013
 SECTIONS: CIVIL-ROADWAY
 SHEETS: 1 - 81
 156 - 411
 542 - 877

COMPANY: APEX CONSULTING ENGINEERS


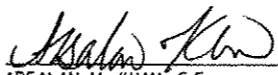
DELANO E. BRAZIL, P.E.
 LICENSE NO.: 062-055890
 EXPIRES: NOVEMBER 30, 2013
 DATE: 03-13-2013
 SECTIONS: MAINTENANCE OF TRAFFIC
 AND EROSION CONTROL PLANS
 SHEETS: 82 - 155

COMPANY: URS CORPORATION

DANIEL A. DUZAN, P.E.
 LICENSE NO.: 062-059108
 EXPIRES: NOVEMBER 30, 2013
 DATE: 03-13-2013
 SECTION: LIGHTING PLANS
 SHEETS: 412 - 476

COMPANY: URS CORPORATION

ARSALAN M. KHAN, S.E.
 LICENSE NO.: 081-006258
 EXPIRES: NOVEMBER 30, 2013
 DATE: 03-13-2013
 SECTION: STRUCTURAL PLANS
 SHEETS: 477 - 518

URS
 100 S. WACKER DR.
 SUITE 400
 CHICAGO, IL 60606
 TEL (312) 939-4000
 FAX (312) 939-4998

FILE NAME =	USER NAME = james.push	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE PAGE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DIG06M61-SHT-Signatures.dgn		DRAWN - MJT	REVISED -		330	103R-4	COOK	877	2				
SHT_PLAN	PLOT SCALE = 2.0000' / 1"	CHECKED -	REVISED -		SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.				CONTRACT NO. 60M61				
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT								

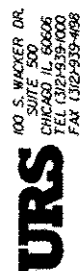
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HIGHWAY STANDARDS

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* 34-36	SC-01 to SC-03	SCHEDULES OF QUANTITIES
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111-114	MT-17 to MT-20	MAINTENANCE OF TRAFFIC US 45 STAGE 4
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126	ER-01	EROSION AND SEDIMENT CONTROL GENERAL NOTES
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672-682	XS-T151-01 to XS-T151-11	151ST STREET TEMPORARY PAVEMENT CROSS SECTIONS
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699-705	XS-T144-01 to XS-T144-07	144TH PLACE TEMPORARY PAVEMENT CROSS SECTIONS
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001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420106-04	36' (10.8 M) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDABOUTS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-01	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-05	MANHOLE, TYPE A, 6' (1.8 M) DIAMETER
602416-03	MANHOLE, TYPE A, 8' (2.4 M) DIAMETER
602501-02	VALVE VAULT, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
604086-02	FRAME AND GRATE, TYPE 23
604091-02	FRAME AND GRATE, TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
666001-01	RIGHT-OF-WAY MARKERS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-01	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701602-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS
814001-02	ELECTRICAL SERVICE INSTALLATION DETAILS
877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'

* 36, 83, 540, 541 - DELETED
 * 536A. Added



FILE NAME =	USER NAME = jama_push	DESIGNED - MJT	REVISIONS
D:\6061-SHT-INDEX\01.dgn		DRAWN - MJT	REVISIONS -
	PLOT SCALE = 2.0000 1/1	CHECKED - RY	REVISIONS -
SHT_PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND HIGHWAY STANDARDS
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

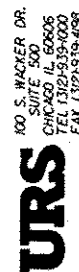
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	3
IS-01			CONTRACT NO.	60M61
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
6. ONLY THOSE TREES DESIGNATED BY THE ENGINEER, LISTED IN THE TREE REMOVAL SCHEDULE, OR SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
7. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE VERIFIED BY THE CONTRACTOR AS PER ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. LOCATING UTILITIES AS AUTHORIZED BY THE ENGINEER IN WRITING SHALL BE PAID PER ARTICLE 109.04.
8. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
9. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
11. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR ANY AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
12. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
13. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS. USE THE LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE) DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS.
14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
15. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

16. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
17. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MAT PRIME COAT	0.05	GAL/SQ YD - BETWEEN LIFTS
	0.5	GAL/SQ YD - AGGREGATE
	0.1	GAL/SQ YD - ABOVE PCC BASE
AGGREGATE (PRIME COAT)	0.002	TONS/SQ YD
HMA RESURFACING	112	LBS/SQ YD/IN
LEVEL BINDER (HAND METHOD)	112	LBS/SQ YD/IN
SUPPLEMENTAL WATERING	3	GAL/SQ YD/APPLICATION
18. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
19. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
20. THE CONTRACTOR SHALL MAINTAIN EXISTING STREET ACCESS, AND EXISTING DRIVEWAY ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT, UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.
21. THE CONTRACTOR SHALL MAINTAIN ANY BUS STOPS ENCOUNTERED WITHIN THE PROJECT AREA WITH AT LEAST A HARD SURFACE FOR WAITING AND A PAD FOR BOARDING & ALIGNING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH PACE AND OTHER BUS SERVICES THE MAINTAINING OF THE BUS STOPS ALONG THE CONSTRUCTION ROUTE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
22. SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
23. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.
24. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLow RESISTANT)" SHOWN IN THE PLANS.
25. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
26. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
27. THE RESIDENT ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT 708-597-9800 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
28. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.



FILE NAME * D:\GOMG1-SHT-GENNOTE.dgn	USER NAME * Frank.Stallone	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
	PLOT SCALE * 20.0000' / 1"	CHECKED - MJT	REVISED -
SHT_PLAN	PLOT DATE * 2/6/2013	DATE - 02/07/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	4
GN-01			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

3/4

1 2 3 4 3 4 3 5 6 7 8 9

•=SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
 OFD=ORLAND FIRE PROTECTION DISTRICT

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	700	700														
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	206	206														
20101100	TREE TRUNK PROTECTION	EACH	10	10														
20200100	EARTH EXCAVATION	CU YD	25,270	25,270														
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7010	7010														
20400800	FURNISHED EXCAVATION	CU YD	2630	2630														
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	141													141		
20800150	TRENCH BACKFILL	CU YD	7628	7628														
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	31377	31377														
21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	13983	13983														
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25														
25000310	SEEDING, CLASS 4	ACRE	0.30	0.30														
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	415	415														
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	415	415														
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	415	415														

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FILE NAME D:\60601-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE 2/6/2013	CHECKED -	REVISED -
	DATE 02/07/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 5
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
25100630	EROSION CONTROL BLANKET	SQ YD	4937	4937															
25200110	SODDING, SALT TOLERANT	SO YD	23832	23832															
25200200	SUPPLEMENTAL WATERING	UNIT	432	432															
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	110	110															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	925	925															
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40															
28000400	PERIMETER EROSION BARRIER	FOOT	30852	30852															
28000500	INLET AND PIPE PROTECTION	EACH	5	5															
28000510	INLET FILTERS	EACH	440	440															
28001000	AGGREGATE (EROSION CONTROL)	TON	17	17															
28100107	STONE RIPRAP, CLASS A4	SO YD	854	854															
28200200	FILTER FABRIC	SO YD	854	854															
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1806	1806															
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	122,822	122,822															

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FILE NAME * 0160M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 100,00+5' = 1" = 100'	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 22 SHEETS STA. TO STA.

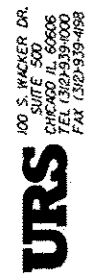
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 6
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

=SPECIALTY ITEM, *=80% FED, 10% STATE, 10% OP
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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SO YD	10796	10796														
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	2348	2348														
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1415	1415														
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2278	2278														
40600895	CONSTRUCTING TEST STRIP	EACH	2	2														
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	296	296														
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2387	2387														
40701931	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2"	SO YD	22146	22146														
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	83385	83385														
42001300	PROTECTIVE COAT	SO YD	127,756	127,663												93		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	3385	3385														
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	28545	21710													6835	
42400800	DETECTABLE WARNINGS	SO FT	2806	2720													86	
44000100	PAVEMENT REMOVAL	SO YD	141121	141121														



FILE NAME * D:\60M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 100.0045 ' / in.	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 7
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS DARTM	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	8995	8995															
44000300	CURB REMOVAL	FOOT	14,087	5871	9016														
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	33,162	33,162															
44000600	SIDEWALK REMOVAL	SO FT	81,773	81,773															
44003100	MEDIAN REMOVAL	SO FT	4951	4951															
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	89	89															
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	536	536															
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	268	268															
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	500	500															
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	72	72															
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	5													5		
50200100	STRUCTURE EXCAVATION	CU YD	3317														3317		
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	134														134		
50300225	CONCRETE STRUCTURES	CU YD	1494.9														1494.9		

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FILE NAME 0160461-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED - DRAWN -	REVISED - REVISED -
SHT_PLAN	PLOT SCALE 100.0045 1/2 in.	CHECKED - DATE - 02/07/2013	REVISED - REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 8
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
50300285	FORM LINER TEXTURED SURFACE	50 FT	15,466.8															15,466.8	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	127,650															127,650	
50901750	PARAPET RAILING	FOOT	863															863	
50900105	ALUMINUM RAILING, TYPE L	FOOT	360																
50901760	PIPE HANDRAIL	FOOT	12															12	
51200957	FURNISHING METAL PILE SHELLS 12" X 0.250"	FOOT	9718															9718	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2150																
51202305	DRIVING PILES	FOOT	9718															9718	
51500100	NAME PLATES	EACH	2															2	
51203600	TEST PILE STEEL HP12X53	EACH	4																
51203200	TEST PILE METAL SHELLS	EACH	2															2	
51204650	PILE SHOES	EACH	108																
54010900	PRECAST CONCRETE BOX CULVERTS 9' X 9'	FOOT	21															21	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1															
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1															
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	137	137															
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	7844	7844															
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	588	588															
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	750	750															

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FILE NAME * D:\60461-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE = 100.0045' / 1in.	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 22 SHEETS STA. TO STA.

F.A.P. RATE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 9
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	282	282														
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	130	130														
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	56	56														
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	81	81														
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	48	48														
55100200	STORM SEWER REMOVAL 6"	FOOT	10	10														
55100400	STORM SEWER REMOVAL 10"	FOOT	45	45														
55100500	STORM SEWER REMOVAL 12"	FOOT	4169	4169														
55100700	STORM SEWER REMOVAL 15"	FOOT	53	53														
55100900	STORM SEWER REMOVAL 18"	FOOT	2179	2179														
55101100	STORM SEWER REMOVAL 21"	FOOT	126	126														
55101200	STORM SEWER REMOVAL 24"	FOOT	114	114														
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	89												89			
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	589												589			
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	8340												8340			



FILE NAME * D:\60M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 100.0045' / 1"	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 22 SHEETS STA. TO STA.

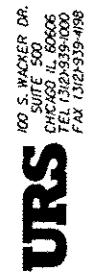
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 10
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS -GARVIN 153RD	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2													2			
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	13													13			
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	27													27			
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	410														410		
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	82													82			
60107600	PIPE UNDERDRAINS 4"	FOOT	8300	8300															
60201330	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 23 FRAME AND GRATE	EACH	52	52															
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	141	141															
60205040	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1															
60205310	CATCH BASINS, TYPE A, 6' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1															
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	11	11															
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25	25															
60219540	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2															
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5															



FILE NAME * D:\6061-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 7 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 11
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP	
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
6022240	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3																
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6																
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2																
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2	2																
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	76	76																
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	7	7																
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	17	17																
60250200	CATCH BASINS TO BE ADJUSTED	EACH	32	32																
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	40	40																
60251730	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	3	3																
60254330	CATCH BASINS TO BE ADJUSTED ^{RECONSTRUCTED} WITH NEW TYPE 23 FRAME AND GRATE	EACH	1	1																
60254340	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	5	5																
60255500	MANHOLES TO BE ADJUSTED	EACH	240	240																
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3																

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FILE NAME * D160MG1-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 8 OF 22 SHEETS STA. TO STA.

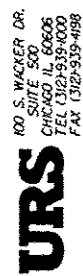
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 12
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

•=SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
 OFD=ORLAND FIRE PROTECTION DISTRICT

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1														
60260100	INLETS TO BE ADJUSTED	EACH	4	4														
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	4														
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	10	10														
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1														
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	10	10														
60403700	LIDS, TYPE 1, OPEN LID	EACH	20	20														
60403800	LIDS, TYPE 1, CLOSED LID	EACH	40	40														
60404940	FRAMES AND GRATES, TYPE 23	EACH	65	65														
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5														
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10														
60500040	REMOVING MANHOLES	EACH	38	38														
60500050	REMOVING CATCH BASINS	EACH	101	101														
60500060	REMOVING INLETS	EACH	14	14														
60500405	FILLING VALVE VAULTS	EACH	13												13			
60600605	CONCRETE CURB, TYPE B	FOOT	14,082	5066	9016													



FILE NAME DIG08G1-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE 2/8/2013	CHECKED -	REVISED -
	DATE 02/07/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 13
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1589	1589														
60604700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	FOOT	10404	10404														
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	29,720	29,720														
60618210	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	SO FT	1769	1769														
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	320	320														
60623200	CONCRETE MEDIAN, TYPE SM 6.24	SO FT	115	115														
60619910	CONCRETE MEDIAN, TYPE SB 6.18	SO FT	13440	13440														
63200310	GUARDRAIL REMOVAL	FOOT	383	383														
63500105	DELINEATORS	EACH	456	456														
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	6600	6600														
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1														
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7														
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	30	30														
67100100	MOBILIZATION	L SUM	1	1														

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		DRAWN -	REVISED -
		CHECKED -	REVISED -
SHT_PLAN	PLOT DATE * 2/07/2013	DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 14
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA	100% OP	100% OP	**	100% OP	**	**	**	**	**	**	**	100% OP	80% FED 20% STA	100% OP	80% FED 20% STA
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	400	400															
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	144	144															
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	20660	20660															
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1500	1500															
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1225	1225															
70600255	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 2 <i>FULLY</i>	EACH	6	6															
70600322	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW) TEST LEVEL 2 <i>FULLY</i>	EACH	4	4															
* 72000100	SIGN PANEL - TYPE 1	SO FT	1130	830			60	60	30	30	30	60	30						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	135	135															
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	112	112															
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5															
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	27	27															
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	88	88															
* 72900100	METAL POST - TYPE A	FOOT	209	209															
* 73000100	WOOD SIGN SUPPORT	FOOT	216	216															
* 72900200	METAL POST - TYPE B	FOOT	1195	1195															
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	8	8															
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12243	12243															
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	744	744															
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2644	2644															

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FILE NAME * D168M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISOR -
SHT.PLAN	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISOR -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 11 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 15
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	395	395														
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	89	89														
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2735	2735														
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	50 FT	872	872														
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	1217	1217														
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	75570	75570														
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	4907	4907														
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2594	2594														
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	1404	1404														
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	50 FT	1405	1405														
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	10430	10430														
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	7621	7621														
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	45	45														
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1267	1267														

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FILE NAME * 0160M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 12 OF 22 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	16
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1206	1206															
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	120	120															
78300100	PAVEMENT MARKING REMOVAL	SO FT	9120	9120															
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	500	500															
80400100	ELECTRIC SERVICE INSTALLATION	EACH	6	6															
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1															
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	5				1			1	1	1	1						
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2					1	1										
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14,503			262	843	1894	960	863	799	857	855	255	6915				
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	205				37	30	4	65	8	53	8						
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	150				34	43		25	9	25	14						
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	205				3	7	80	17	31	37	30						
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	15,388	8197			568	568	621	575	596	512	511			3240			
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	10,696	1313												9383			
81200260	CONDUIT EMBEDDED IN STRUCTURE, 3 1/2" DIA., PVC	FOOT	605	605															

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FILE NAME * D160M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISIONS -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISIONS -
	PLOT DATE * 2/8/2013	DATE - 02/07/2013	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 13 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 17
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
81400100	HANDHOLE	EACH	102		20	1	3	7	4	4	4	4	4	1	8	42			
81400200	HEAVY-DUTY HANDHOLE	EACH	32				4	4	4	4	4	4	4			4			
81400300	DOUBLE HANDHOLE	EACH	16				3	3	2	2	2	2	2						
81603051	UNIT DUCT, 600V, 3-1/C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	24067		24067														
81603060	UNIT DUCT, 600V, 3-1/C NO. 8 1/C NO. 10 GROUND (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	535		535														
81603063	UNIT DUCT, 600V, 4-1/C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2654		2654														
81603081	UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	24077		24077														
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11057		11057														
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	24		24														
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	94		94														
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	1070		1070														
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	41		41														
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	98		98														
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	44		44														
84200804	REMOVAL OF POLE FOUNDATION	EACH	64		64														

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FILE NAME DIGM61-SHT-500.dgn	USER NAME Frank.Scallone	DESIGNED - DRAWN -	REVISED - REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	CHECKED - DATE - 02/07/2013	REVISED - REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 14 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 18
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2		2														
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2												2				
86400100	TRANSCEIVER - FIBER OPTIC	EACH	7				1	1	1	1	1	1	1						
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	11,938												11,938				
87301790	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 2C	FOOT	1216					1216											
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	9908				1512	1384	1688	1560	892	1472	1400						
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	16,617				1568	2103	1744	1616	1613	1528	1456						4989
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	23,977				2647	3350	3872	4060	3734	3384	2930						
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	7024				1782		1379	935	930	1152	846						
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	21,343				1686	3413	1854	4288	2463	3687	1857	1734	361				
87301800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	239							239									
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	490				116			130	56	64	124						
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6015				780	1654	838	806	619	672	646						
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	7				2	3		1			1						

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* Specialty Items

FILE NAME D:\60661-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE = 2/8/2013	CHECKED -	REVISED -
	DATE = 02/07/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 15 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 19
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

Rev.

==SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
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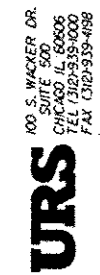
URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8				2		1	2	1	1	1						
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1										1						
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1					1											
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	4				2			2									
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	10				1	3	1		1	1	3						
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	3						1	1			1						
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1						1										
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	2				1					1							
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	3								2	1							
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	2						1	1									
87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	1										1						
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	60				16	12	4	12	4	8	4						
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	28				4	4	4	4	4	4	4						
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	298				45	60	45	45	15	28	60						

*Specialty Items

Rev.



FILE NAME *
 D:\6061-SHT-500.dgn
 SHT_PLAN

USER NAME * Frank.Stallone
 PLOT SCALE * 1/8"=1'-0"
 PLOT DATE * 2/8/2013

DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 02/07/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 16 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 20
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	168				21		21	21	63	42							
87900200	DRILL EXISTING HANDHOLE	EACH	7			1								4	2				
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	78				10	12	11	12	12	11	10						
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4								2		2						
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12				2		2	2	2	2	2						
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	16				2	4	2	2	2	2	2						
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8				2		2	2		2							
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14				2	2		6	2		2						
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	21				3	3	4	1	3	4	3						
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	90				12	12	13	14	14	13	12						
88500100	INDUCTIVE LOOP DETECTOR	EACH	81				14	10	14	12	13	10	8						
88600100	DETECTOR LOOP, TYPE I	FOOT	954					109	183	413		55		194					
88600700	PREFORMED DETECTOR LOOP	FOOT	6436			135	1030	909	793	943	916	969	741						
88700200	LIGHT DETECTOR	EACH	21																21

*Specialty Items

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FILE NAME * 0160461-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 17 OF 22 SHEETS	STA.	TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 21
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

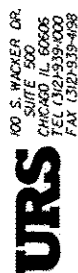
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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	7																7
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	56				8	8	8	8	8	8	8						
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7			1			1	1	1	1	1	1					
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2055			559								233	1263				
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5						1	1	1	1	1						
* 89502376	REBUILD EXISTING HANDHOLE	EACH	2			2													
* 89502380	REMOVE EXISTING HANDHOLE	EACH	68			1	1		11	13	10	9	8	1	14				
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	46						8	10	10	9	9						
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	77	77															
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	20	20															
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	2													2			
X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SO FT	1784	1784															
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	533														533		
X0326356	TEMPORARY WIRELESS INTERCONNECT SYSTEM	EACH	1			1													
X0326390	CONCRETE SLAB REMOVAL	SO YD	79	79															

* Specialty Items



FILE NAME * D:\60461-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE * 2/8/2013	DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 18 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 22
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS DARWIN	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP	
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	•• 0021	100% OP 0021	•• 0021	•• 0021	•• 0021	•• 0021	•• 0021	•• 0021	•• 0021	•• 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	61		61															
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	8		8															
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1																
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	87	87																
X4023000	TEMPORARY ACCESS (ROAD)	EACH	7	7																
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1																
X4024100	TEMPORARY ACCESS (WINTERIZE)	SO YD	7951	7951																
X4200110	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	21109	21109																
X4402805	ISLAND REMOVAL	SO FT	1601	1601																
X4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	4873	4873																
X5121800	PERMANENT STEEL SHEET PILING	SO FT	35,762															35,762		
X550A562	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	441	441																
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	629																	629
X6020095	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1																
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	120	120																
X6021193	TEMPORARY CATCH BASINS	EACH	41	41																

* Specialty Items

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FILE NAME D:\60M61-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE = 100.0045' / 1"	DRAWN -	REVISED -
	PLOT DATE = 2/8/2013	CHECKED -	REVISED -
		DATE = 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 19 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	TOTAL SHEET NO. 23
CONTRACT NO. 60M61				
[ILLINOIS] FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	30	30															
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1															
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	2746	2746															
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	114127	114127															
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	10608	10608															
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	2856	2856															
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	2269	2269															
* X8210015	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	92	92															
* X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	3	3															
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	7	7															
* X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	3	3															
* X8300001	LIGHT POLE, SPECIAL	EACH	66	66															
* X8300005	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, SPECIAL	EACH	92	92															
* X83600215	LIGHT POLE FOUNDATION, 24" DIAMETER OFFSET	FOOT	45	45															
* X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	7				1	1	1	1	1	1	1						
* X8510200	PAINT TRAFFIC SIGNAL EQUIPMENT	L SUM	1													1			
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	7				1	1	1	1	1	1	1						

* Specialty Items

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FILE NAME 0100M61-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT.PLAN	PLOT SCALE 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE 2/8/2013	DATE 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 20 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 24
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	11,938												11,938				
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	5007																5007
* X8900020	MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1												
* X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	2		2														
* X8950215	RELOCATE EXISTING HANDHOLE	EACH	2		2														
* X8950600	REMOVE AND RELOCATE EXISTING LIGHT STANDARD	EACH	30		30														
* XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	32			4	4	4	4	4	4	4	4						
XX005713	ORNAMENTAL RAILING	FOOT	4420													1507	2913		
XX006188	REMOVE AND RE-ERECT SEGMENTAL BLOCK RETAINING WALL	SO FT	633														633		
Z0007510	ENGINEERED BARRIER	SO YD	275	275															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
Z0023600	FILLING EXISTING CULVERTS	EACH	4	4															
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	42														42		
Z0027800	GEOTECHNICAL FABRIC	SO YD	115034	115034															
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1222	1222															

* specialty items

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FILE NAME * D:\6061-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 21 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 25
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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 OFD=ORLAND FIRE PROTECTION DISTRICT

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	30		30														
* Z0033040	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL	EACH	7				1	1	1	1	1	1	1						
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	7												7				
Z0045100	PRESSURE CONNECTION 12" X 12"	EACH	2													2			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	240														240		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1299	1299															
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	71	71															
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	172	172															
Z0062456	TEMPORARY PAVEMENT	50 YD	44195	44195															
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	457	457															
Z0067700	STEEL CASINGS 20"	FOOT	160														160		
Z0073345	SLEEPER SLAB	FOOT	131	131															
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	8			1	1		1	1	1	1	1	1					
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	716	716															

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FILE NAME D:\60M61-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	CHECKED -	REVISED -
	PLOT DATE 2/8/2013	DATE 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 22 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 26
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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(2) CONST. CODE 0003

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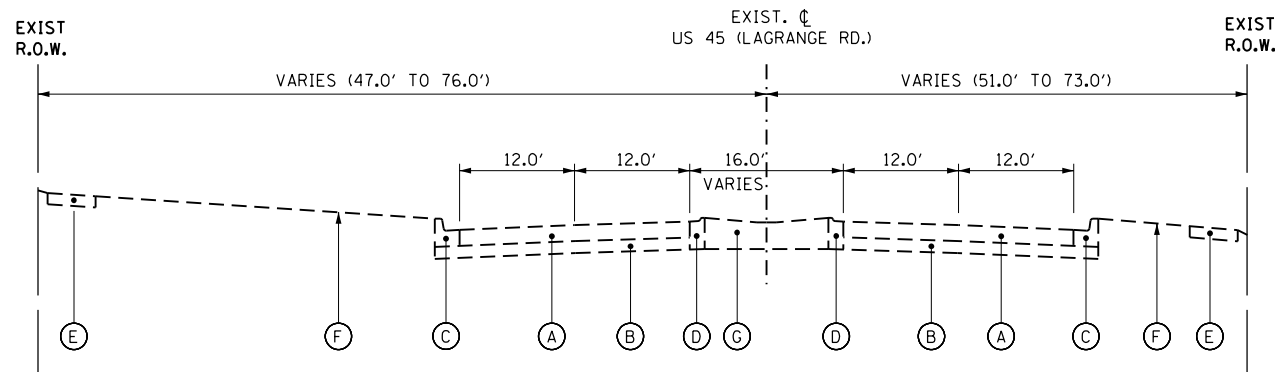
CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS DARVIN	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028	100% OFD 0021
* Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	476	476															
⊙ Z0076600	TRAINEES	HOUR	1,000	1,000															
✓ XX007558	GATE VALVE 6" WITH VAULT, 4' DIAMETER	EACH	2													2			
✓ XX007559	GATE VALVE 8" WITH VAULT, 4' DIAMETER	EACH	7													7			
✓ X0327579	GATE VALVE 12" WITH VAULT, 4' DIAMETER	EACH	21													21			
✓ X0327581	2" OR LARGER WATER SERVICE W/BOX (UNDER 30')	EACH	1													1			
✓ X0327583	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	2067	868												1199	(2)		
✓ X5030285	FORM LINER TEXTURED SURFACE TEST SAMPLE	EACH	2													2			
⊙ Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000															
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	410														410		

⊙ 0042

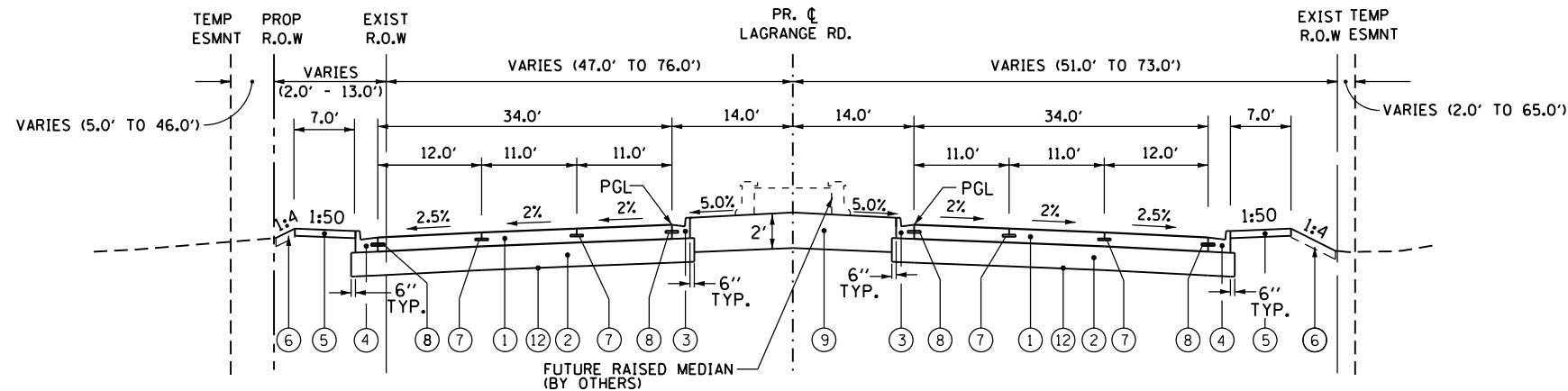
URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 559-1000
 FAX: (312) 559-4188

FILE NAME: D:\60M61-SHT-500.dgn	USER NAME: Frank.Stellone	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RATE: 330	SECTION: 103R-4	COUNTY: COOK	TOTAL SHEETS: 877	SHEET NO.: 26A		
SHT. PLAN	PLOT SCALE: 100.0000 1" = 100'	CHECKED: -	REVISED: -			SCALE:	SHEET: 22A OF 22 SHEETS	STA.:	TO STA.:	CONTRACT NO. 60M61		
	PLOT DATE: 2/8/2013	DATE: 02/07/2013	REVISED: -			ILLINOIS FED. AID PROJECT						
Rev												



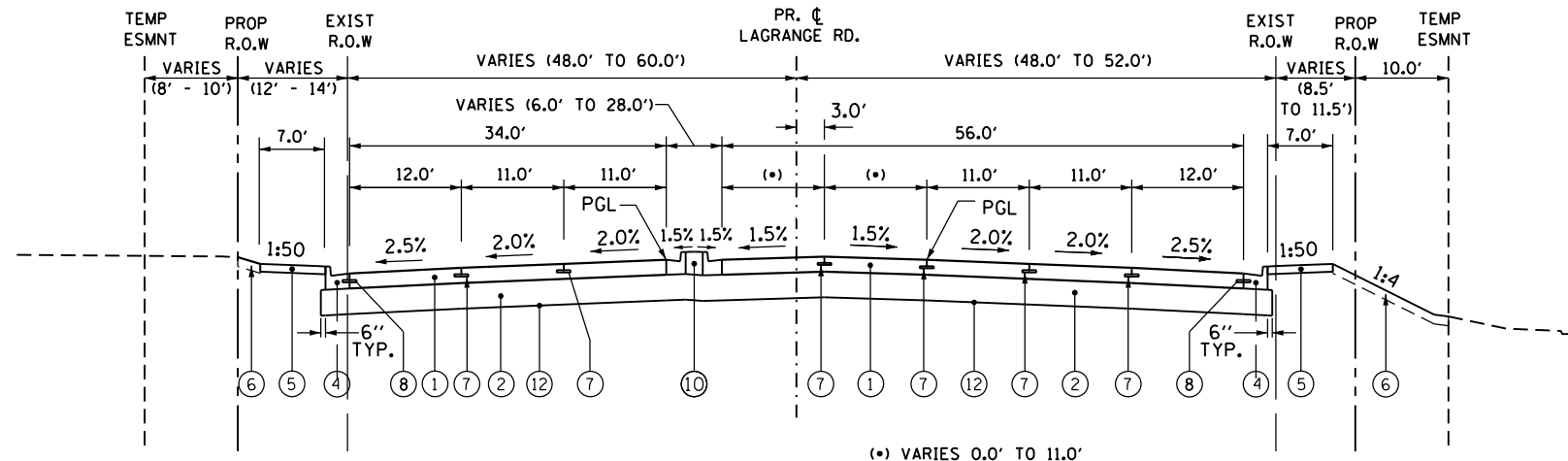
EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

STA. 170+90 TO STA. 272+48.67



PROPOSED TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

NOTE: 23'-2" WIDE LANDSCAPE MEDIAN
 STA. 183+30.07 TO STA. 184+94.13
 STA. 193+92.00 TO STA. 196+53.00
 STA. 227+75.00 TO STA. 230+59.00
 STA. 240+65.00 TO STA. 243+95.00
 STA. 253+43.00 TO STA. 260+61.00



**PROPOSED TYPICAL SECTION - LAGRANGE ROAD
 DUAL LEFT-TURN LANES**

US 45 @ 151ST STREET - NORTHBOUND & SOUTHBOUND

NOTE: CONCRETE MEDIAN, TYPE SB-6.18
 FROM STA. 214+04.00 TO STA. 221+31.91 (WIDTH VARIES)
 FROM STA. 222+78.93 TO STA. 225+56.99 (WIDTH VARIES)
 FROM STA. 271+66.68 TO STA. 274+10.14 (WIDTH VARIES)

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

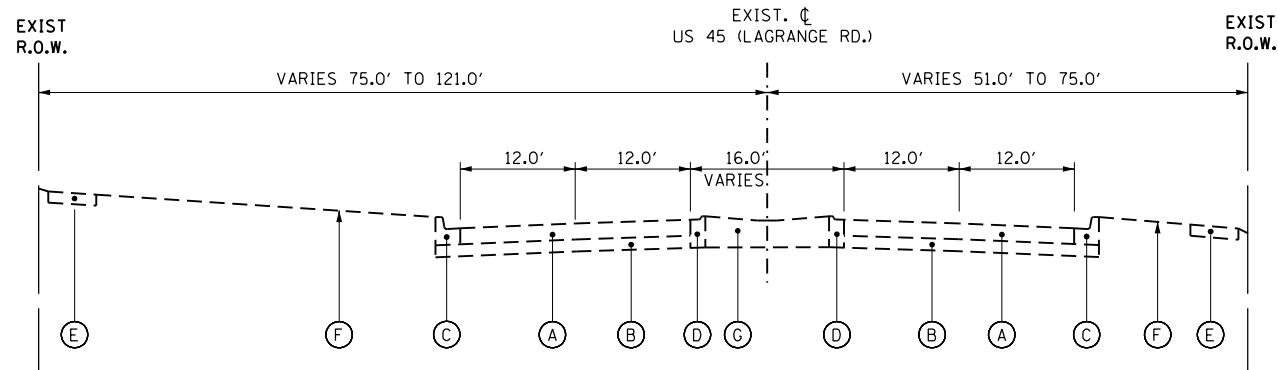
PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

STRUCTURAL DESIGN TRAFFIC:	Year <u>2040</u>
PV= <u>52,133</u>	SU= <u>2,833</u> MU= <u>1,700</u>
ROAD/STREET CLASSIFICATION:	Class <u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= <u>8.0%</u>	S= <u>37%</u> M = <u>37%</u>
TRAFFIC FACTOR:	Actual TF = <u>17.68</u> AC Type= <u>20</u>
	Minimum TF = <u>7.44</u>
PG GRADE: Binder= <u>N/A</u>	Surface= <u>N/A</u>
SUBGRADE SUPPORT RATING:	
SSR = <u>POOR</u>	(Sta. <u>179th</u> to <u>131st</u>)
SSR = _____	(Sta. _____ to _____)

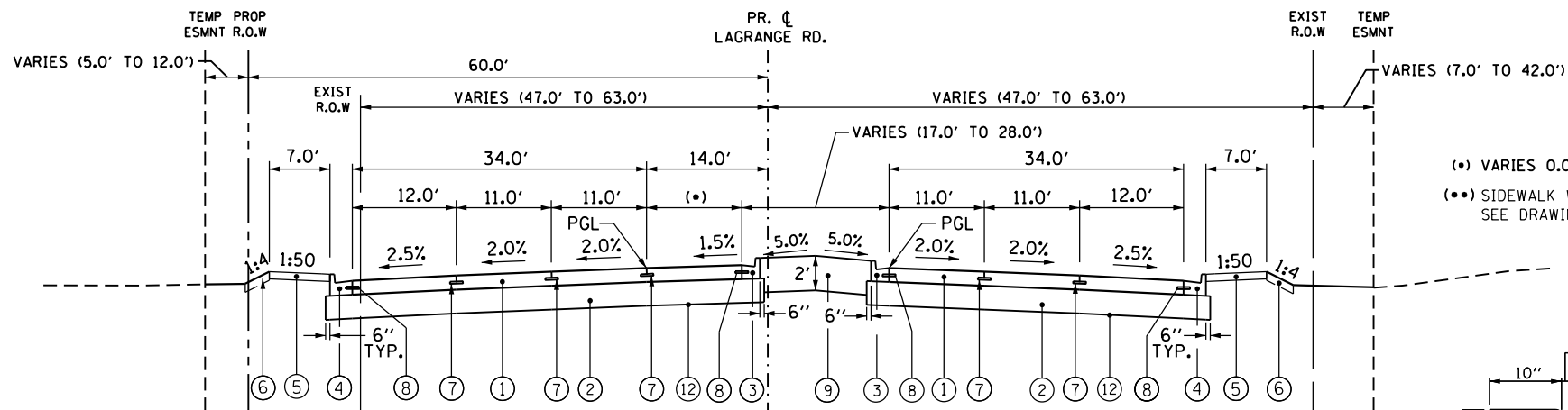
100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D160M61-SHT-TYPICAL01.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS US 45 (LAGRANGE ROAD)	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 27		
PLOT SCALE = 20.0000' / in.	CHECKED - MJT	REVISIED -	REVISIED -			TS-01		CONTRACT NO. 60M61				
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISIED -			SCALE: N.T.S.	SHEET 1 OF 7 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)

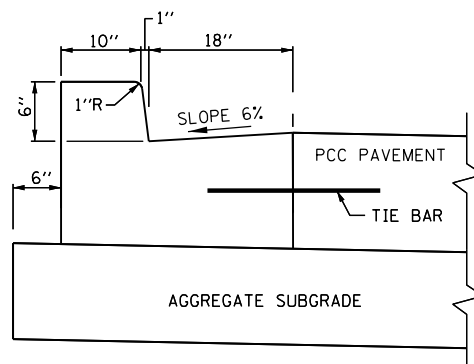
STA. 170+90 TO STA. 272+48.67



**PROPOSED TYPICAL SECTION - LAGRANGE ROAD
SINGLE LEFT-TURN LANE**

LOCATION: US 45 @ 156TH STREET - NORTHBOUND & SOUTHBOUND
US 45 @ 153RD STREET - NORTHBOUND & SOUTHBOUND
US 45 @ 149TH STREET - NORTHBOUND & SOUTHBOUND
US 45 @ 147TH STREET - NORTHBOUND & SOUTHBOUND
US 45 @ 144TH PLACE - NORTHBOUND & SOUTHBOUND

(*) VARIES 0.0' TO 11.0'
(**) SIDEWALK WIDTH VARIES
SEE DRAWING PP-17 TO PP-18

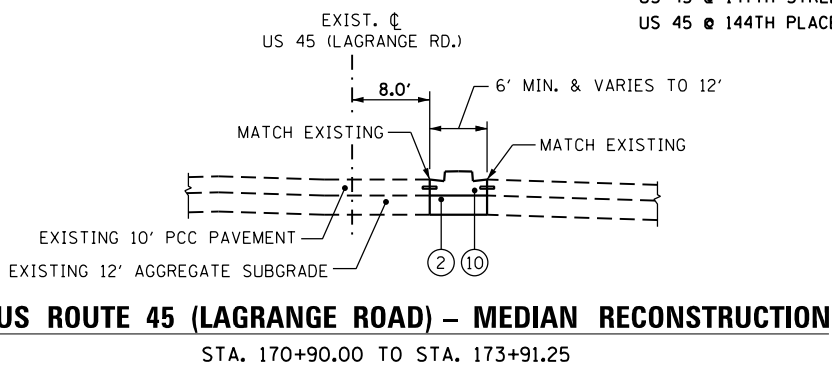


EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

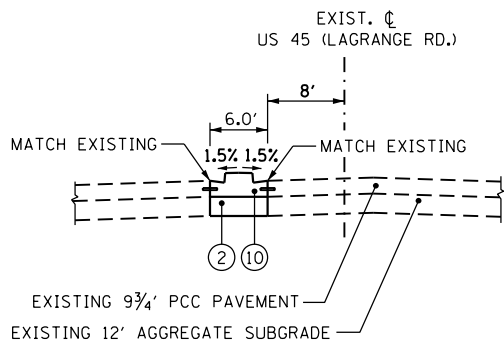
PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
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- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C



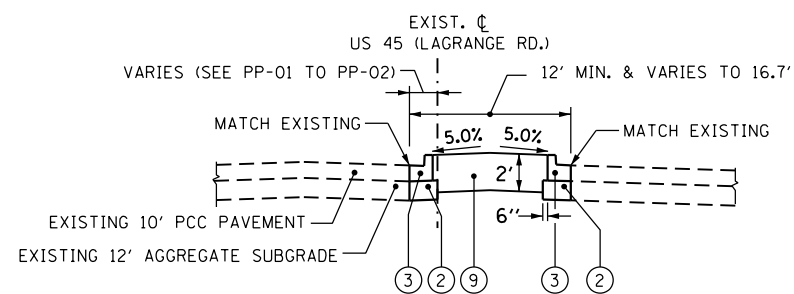
US ROUTE 45 (LAGRANGE ROAD) - MEDIAN RECONSTRUCTION

STA. 170+90.00 TO STA. 173+91.25



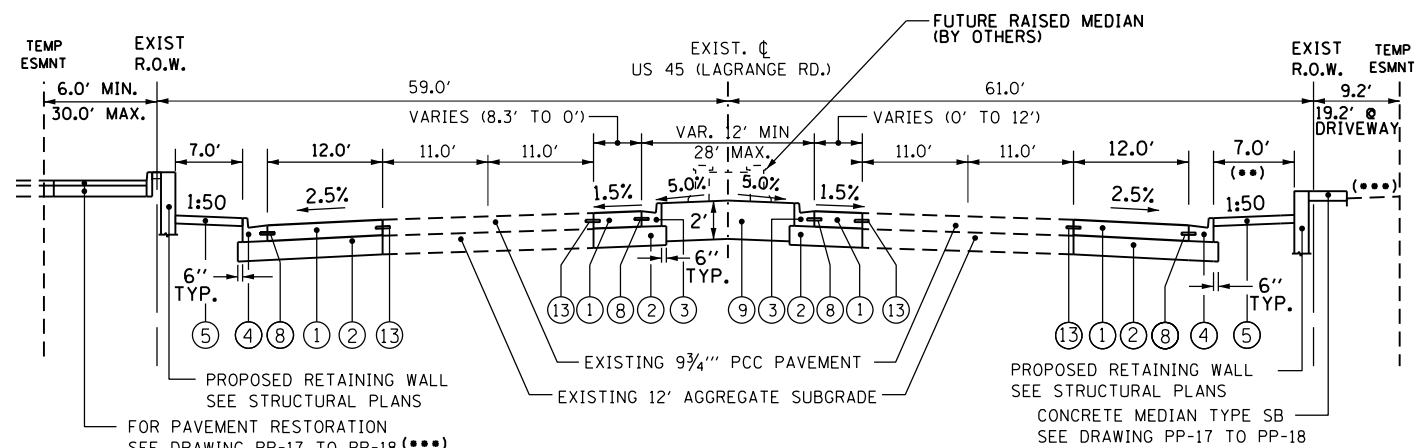
**US ROUTE 45 (LAGRANGE ROAD)
MEDIAN RECONSTRUCTION**

STA. 272+48.67 TO STA. 274+10.14



US ROUTE 45 (LAGRANGE ROAD) - MEDIAN RECONSTRUCTION

STA. 173+91.25 TO STA. 178+23.03



PCC PAVEMENT WIDENING - US ROUTE 45 (LAGRANGE ROAD)

STA. 268+14.29 TO STA. 272+48.67

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998

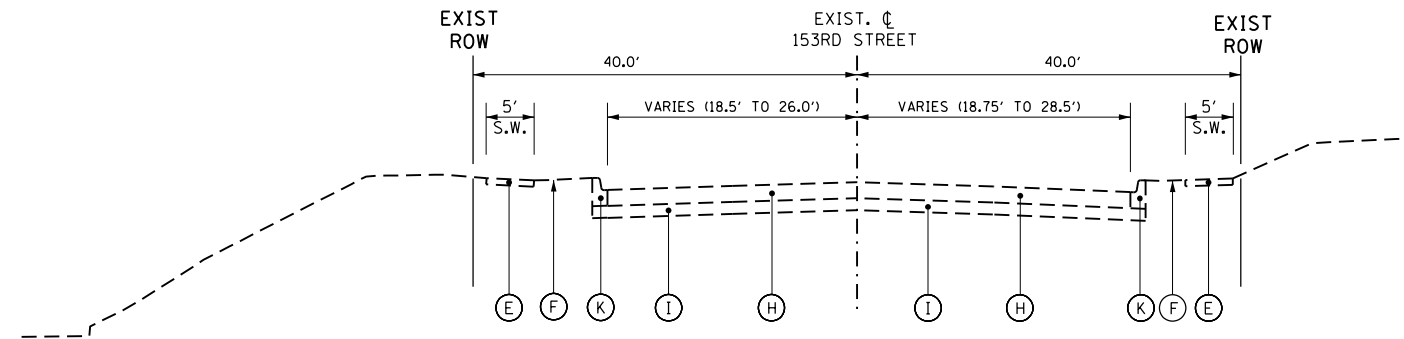
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SHT.PLAN	PLOT SCALE = 20.0000' / in.	DRAWN - BA	REVISED -
	PLOT DATE = 3/14/2013	CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
US 45 (LAGRANGE ROAD)

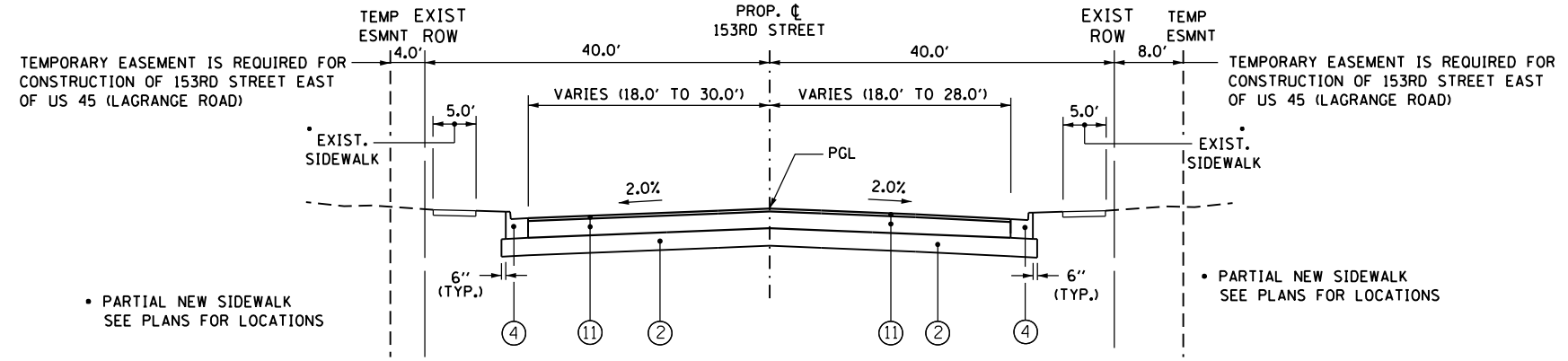
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F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 28
TS-02		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION - 153RD STREET

STA. 324+00 TO STA. 327+80.52
 STA. 329+66.28 TO STA. 331+35.00



PROPOSED TYPICAL SECTION - 153RD STREET

STA. 324+00 TO STA. 327+80.52
 STA. 329+66.28 TO STA. 331+35.00

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

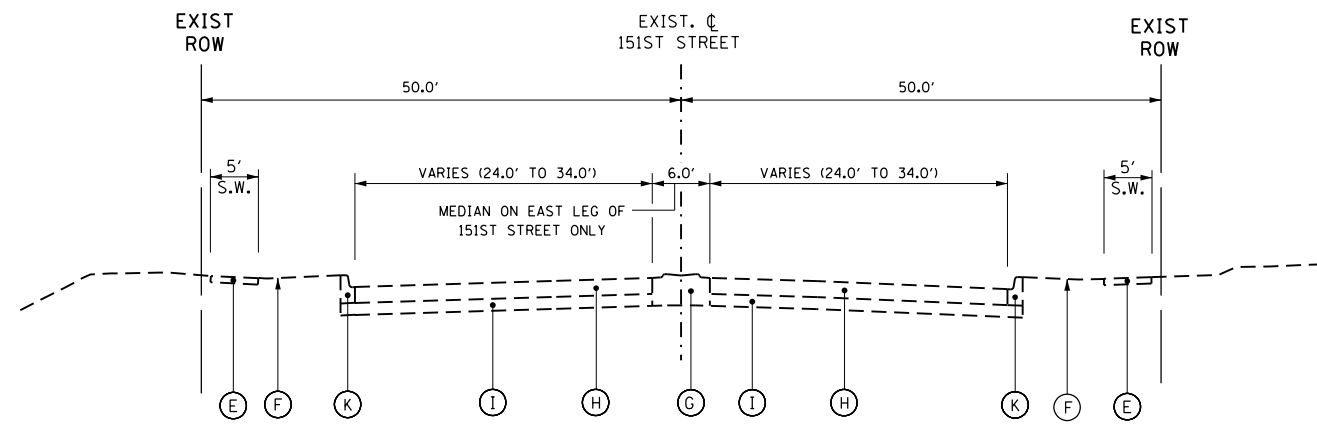
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 1/2" (SIDE STREETS) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 10-1/2"	4% @ 70 Gyr. 4% @ 70 Gyr.
TEMPORARY PAVEMENT (12") HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10" (IN 4 LIFTS)	4% @ 50 Gyr. 4% @ 50 Gyr.
CLASS D PATCHES 10" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10" (IN 4 LIFTS)	4% @ 50 Gyr.
HOT-MIX ASPHALT SHOULDERS, 8" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6" (IN 2 LIFTS)	4% @ 70 Gyr. 4% @ 70 Gyr.
HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 4"	4% @ 50 Gyr.
MULTI-USE PATH HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
SIDEWALKS HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
PARKING LOT PAVEMENT RESTORATION HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1-1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/4 "	4% @ 50 Gyr. 4% @ 50 Gyr.
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm, N50); 8" (COMMERCIAL)	4% @ 50 Gyr. 4% @ 50 Gyr.

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- NOTE 3: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.
- NOTE 4: PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.

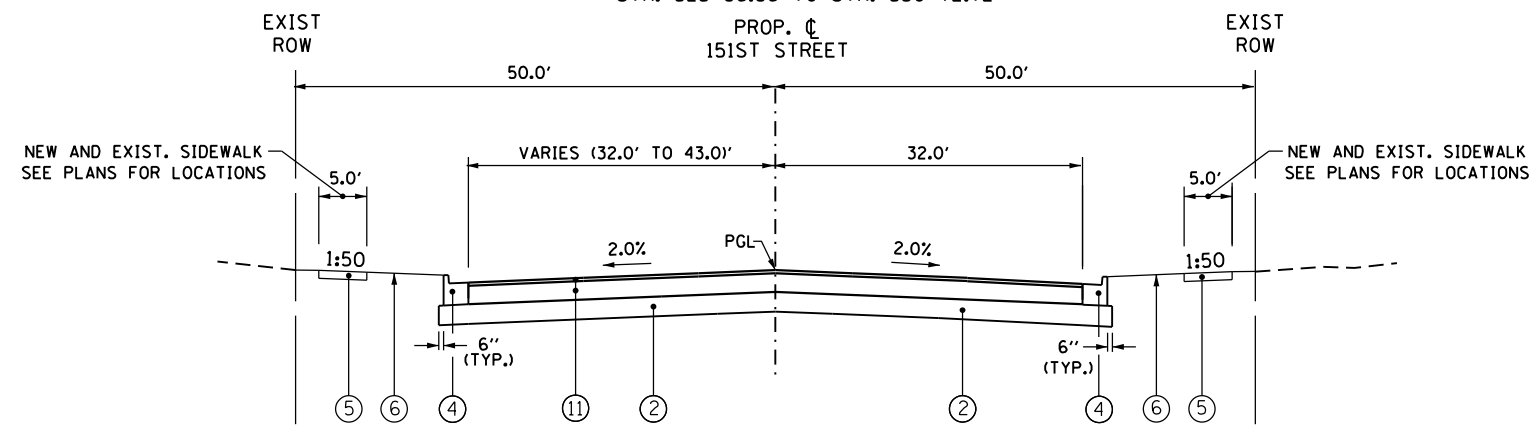
100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998





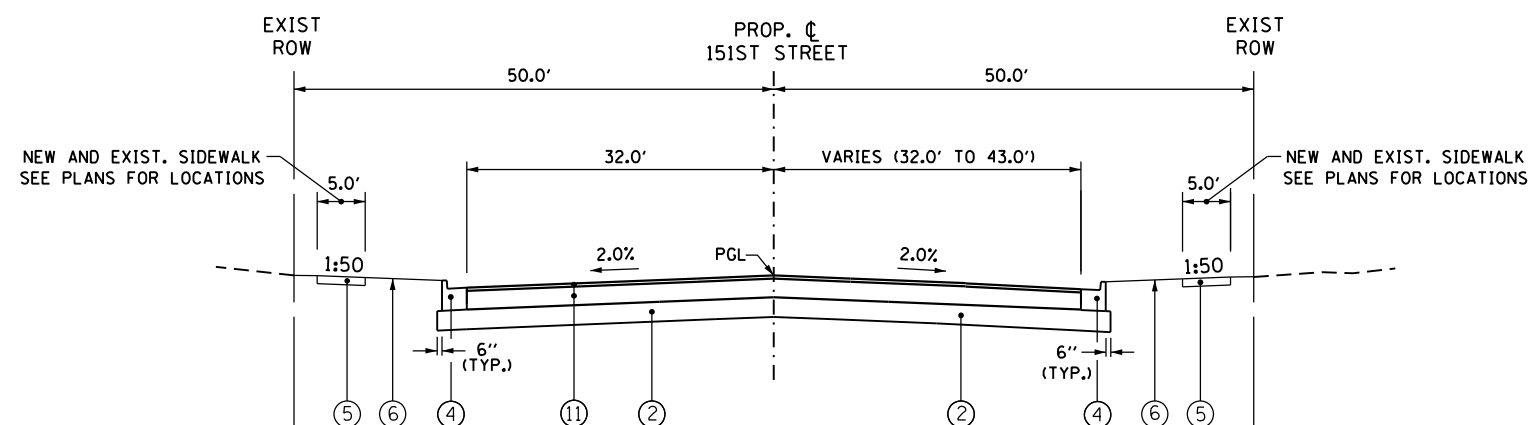
EXISTING TYPICAL SECTION - 151ST STREET

STA. 500+40.70 TO STA. 505+83.32
 STA. 525+86.86 TO STA. 530+72.72



**PROPOSED CURBED TYPICAL SECTION - 151ST STREET
 WEST OF US 45 (LAGRANGE ROAD)**

STA. 500+40.70 TO STA. 505+83.32



**PROPOSED CURBED TYPICAL SECTION - 151ST STREET
 EAST OF US 45 (LAGRANGE ROAD)**

STA. 525+86.86 TO STA. 530+72.72

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
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- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
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- (7) LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
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- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
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- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
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URS

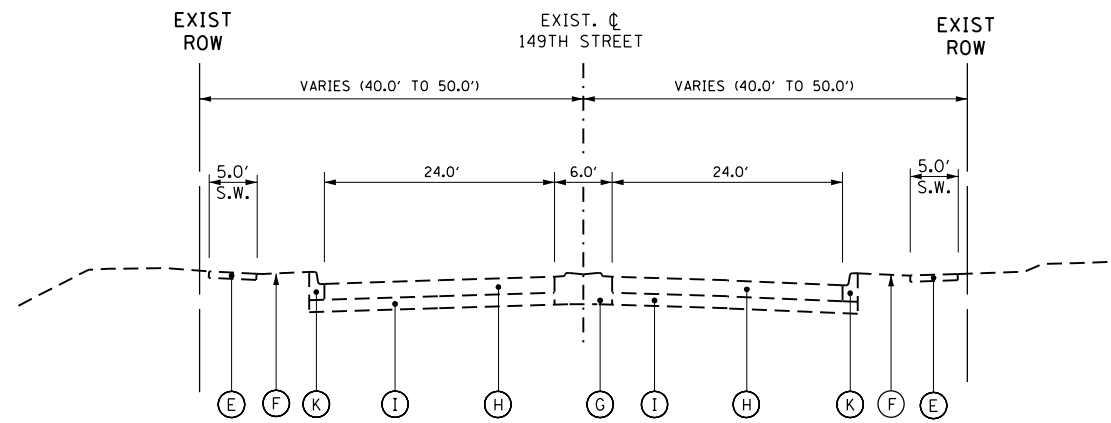
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		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
 151ST STREET**

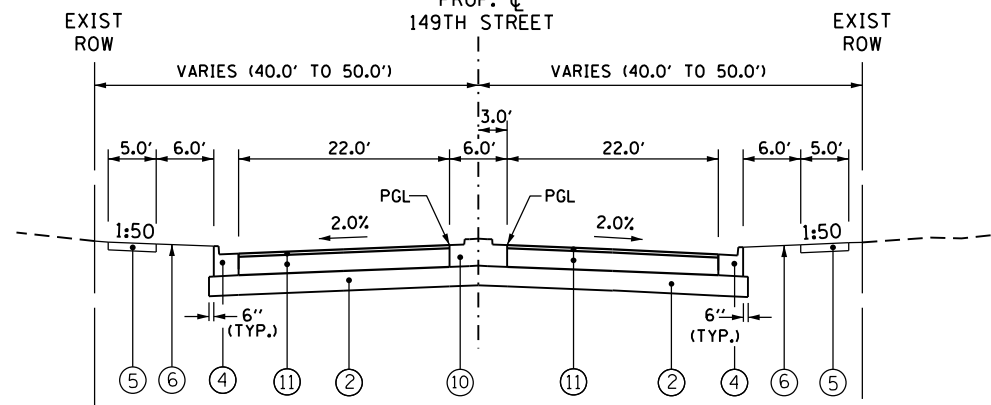
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F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 30
TS-04			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



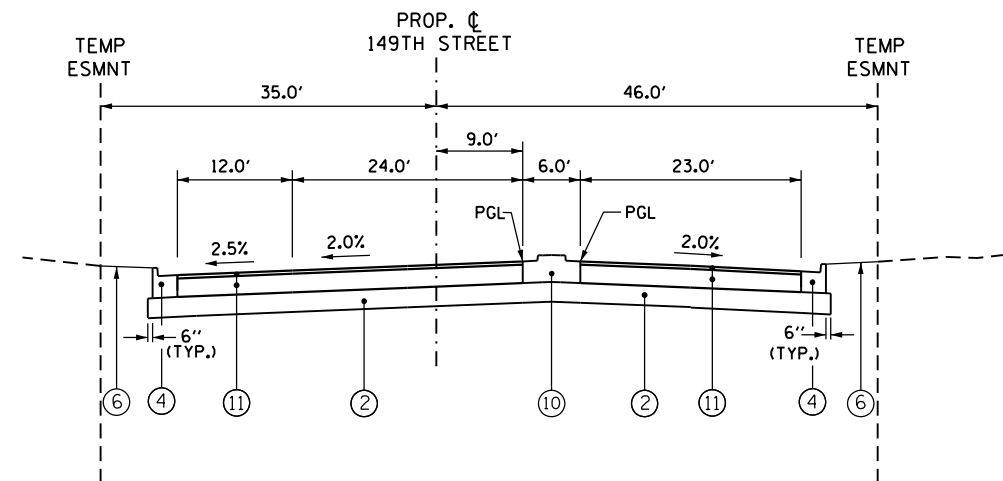
EXISTING TYPICAL SECTION - 149TH STREET

STA. 275+34.94 TO STA. 277+85.94
 STA. 300+97.59 TO STA. 303+94.06
 PROP. CL



**PROPOSED TYPICAL SECTION - 149TH STREET
 WEST OF US 45 (LAGRANGE ROAD)**

STA. 275+34.94 TO STA. 277+85.94



**PROPOSED TYPICAL SECTION - 149TH STREET
 EAST OF US 45 (LAGRANGE ROAD)**

STA. 300+97.59 TO STA. 303+94.06

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

100 S. WACKER DR.
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 FAX (312) 939-4998
URS

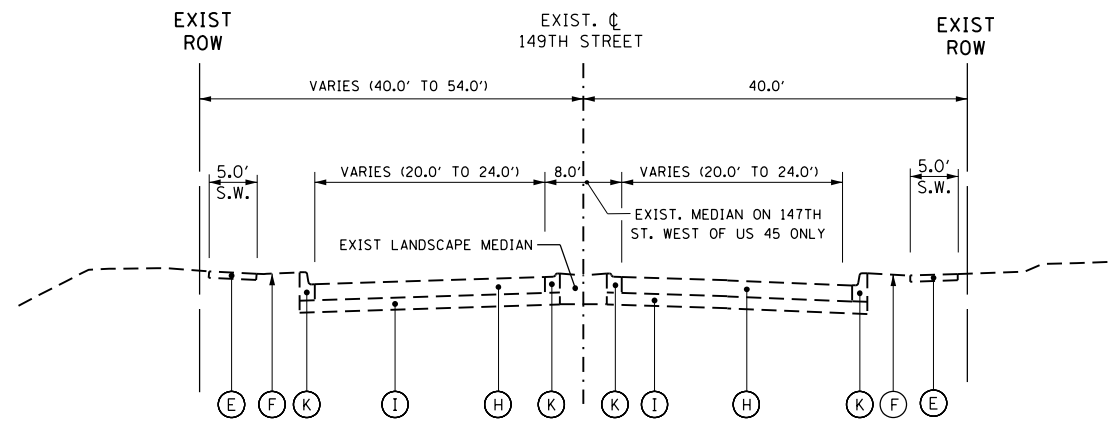
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160M61-SHT-TYPICAL05.dgn		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
 149TH STREET**

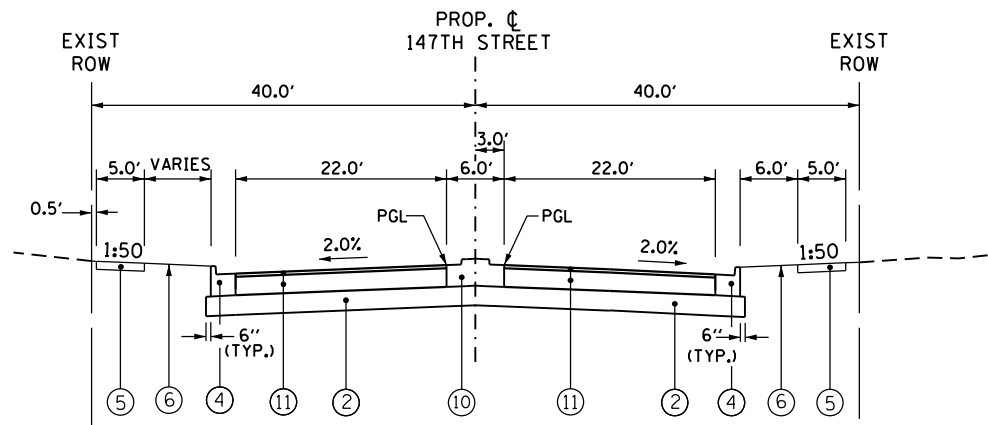
SCALE: N.T.S. SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	31
TS-05			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



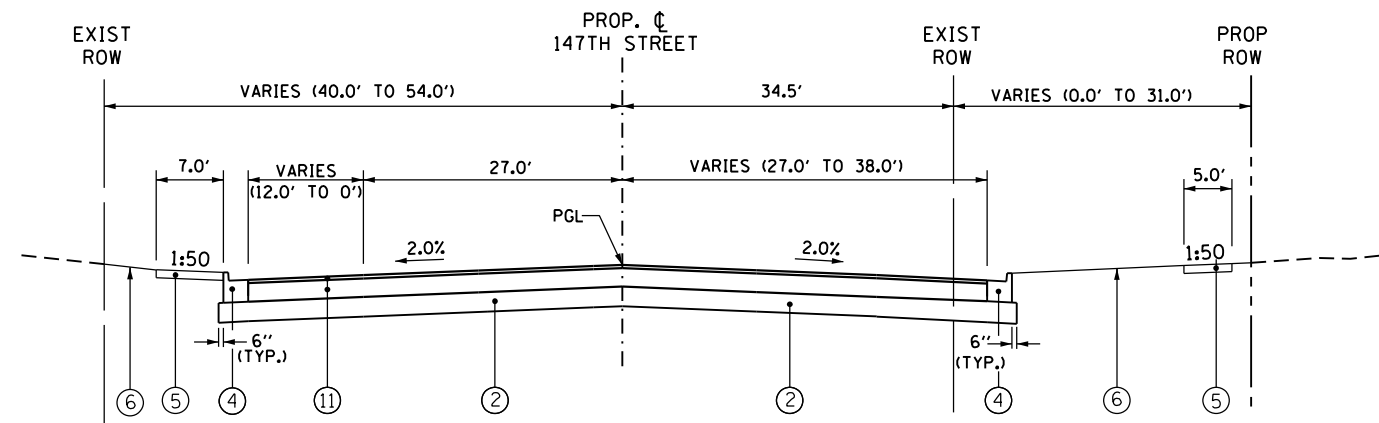
EXISTING TYPICAL SECTION - 147TH STREET

STA. 225+01.07 TO STA. 227+91.54
 STA. 229+65.39 TO STA. 235+10.43



**PROPOSED TYPICAL SECTION - 147TH STREET
 WEST OF US 45 (LAGRANGE ROAD)**

STA. 225+01.07 TO STA. 227+91.54



**PROPOSED TYPICAL SECTION - 147TH STREET
 EAST OF US 45 (LAGRANGE ROAD)**

STA. 229+65.39 TO STA. 235+10.43

EXISTING LEGEND

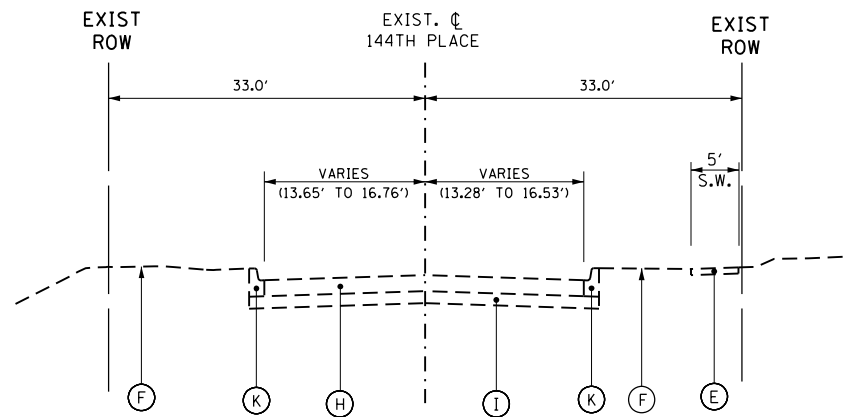
- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (8) NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- (9) LANDSCAPE MEDIAN, WIDTH VARIES (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (11) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (13) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

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URS

FILE NAME = D160M61-SHT-TYPICAL06.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS 147TH STREET			F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 32
SHT.PLAN	PLOT SCALE = 20.0000' / in.	CHECKED - MJT	REVISED -		SCALE: N.T.S.	SHEET 6 OF 7 SHEETS	STA.	TO STA.	TS-06		CONTRACT NO. 60M61	
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT							



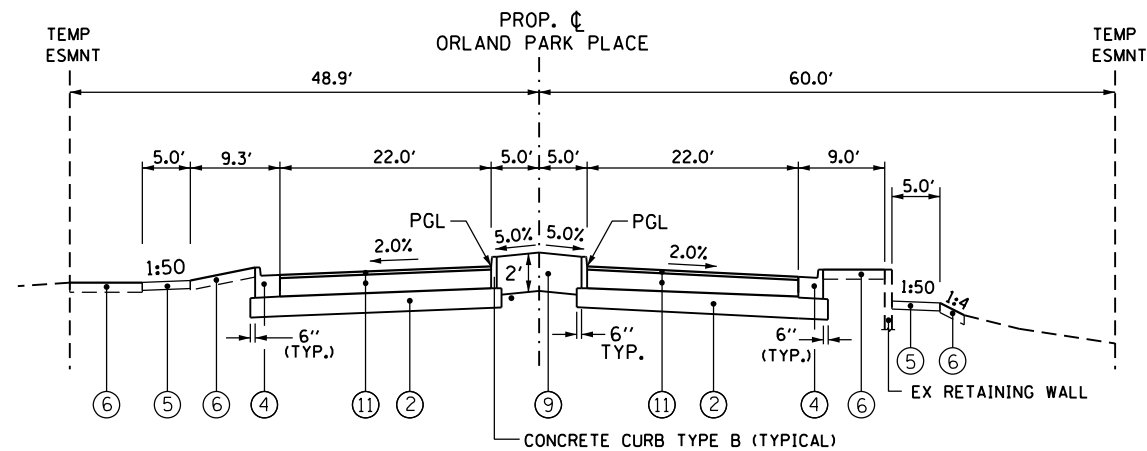
EXISTING TYPICAL SECTION - 144TH PLACE
STA. 175+31.00 TO STA. 181+55.12

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

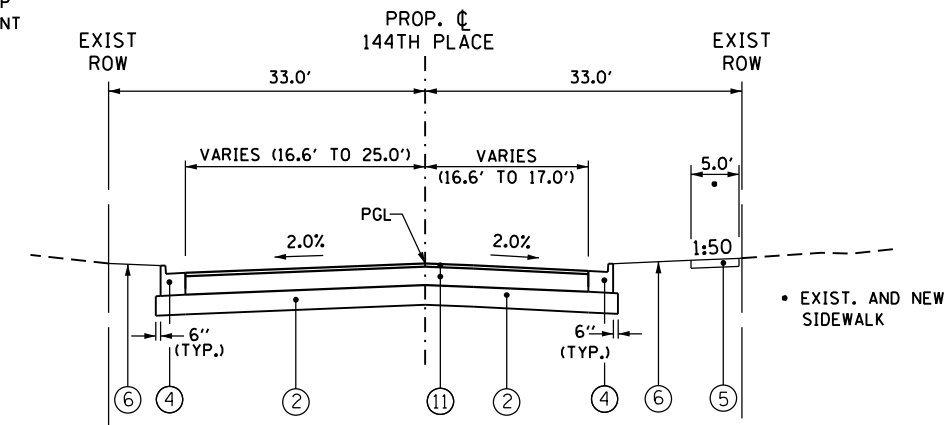
- (1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
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- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (7) LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE, NO. 8 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
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- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C



**PROPOSED TYPICAL SECTION - ORLAND PARK PLACE
EAST OF US 45 (LAGRANGE ROAD) - LOOKING EAST**

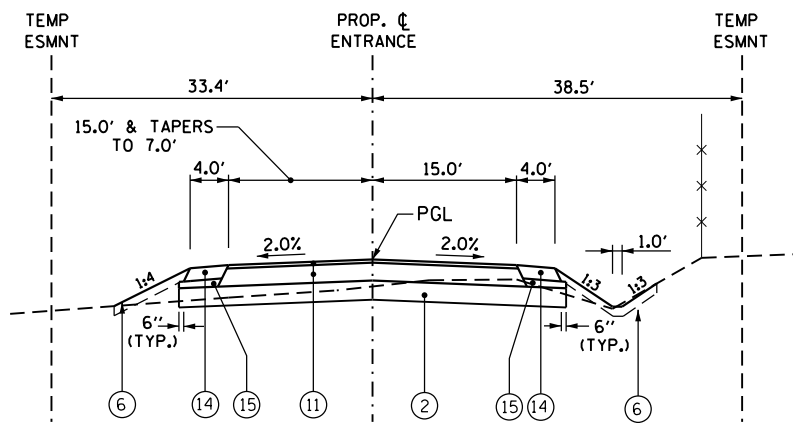
STA. 214+67.66 RT \bar{C} US 45 (LAGRANGE RD)

FOR WEST OF US 45 (LAGRANGE ROAD)
USE SAME TYPICAL SECTION WITHOUT
MEDIAN AND PAVEMENT WIDTH VARIES



**PROPOSED TYPICAL SECTION - 144TH PLACE
WEST OF US 45 (LAGRANGE ROAD)**

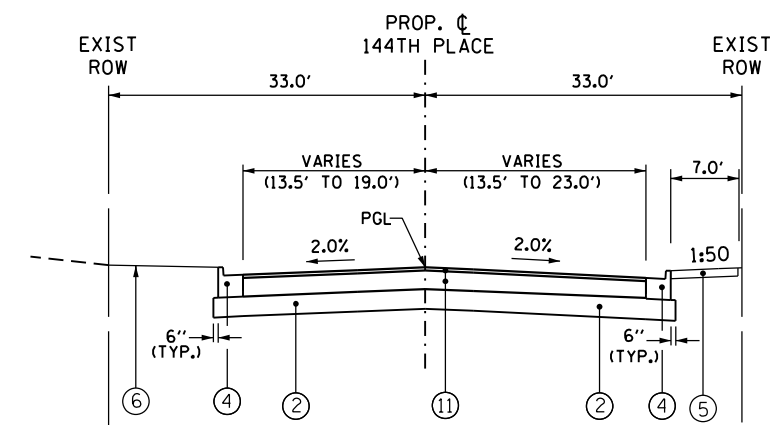
STA. 175+31.00 TO STA. 177+59.79



PROPOSED TYPICAL SECTION DEPARTMENT OF DEFENSE ENTRANCE

STA. 182+54.60

STA. 182+54.60 @ 128.4' LT



**PROPOSED TYPICAL SECTION - 144TH PLACE
EAST OF US 45 (LAGRANGE ROAD)**

STA. 178+89.71 TO STA. 181+55.12

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D160M61-SHT-TYPICAL07.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED TYPICAL SECTIONS 144TH PLACE AND DEPARTMENT OF DEFENSE ENTRANCE	
SCALE: N.T.S.	SHEET 7 OF 7 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	33
TS-07		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE - 60M61 MIDDLE					
STAGE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	UNSUITABLE EXCAVATION	SUITABLE EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD
US 45 (LAGRANGE ROAD) STATION 177+00 TO STATION 274+00					
TEMPORARY	7,688.3	5,766.2	1,937.4	791.6	4974.6
STAGE 1	5,828.5	4,371.4	2,296.9	8,475.7	-4,104.4
STAGE 2	344.8	258.6	3.1	1,302.4	-1,043.8
STAGE 3	4,603.0	3,452.2	1,453.3	7,129.3	-3,677.0
STAGE 4	971.9	729.0	305.9	2,649.9	-1,920.9
TOTAL:	19,436.6	14,577.4	5,996.6	20,348.9	-5,771.5
144TH STREET					
TEMPORARY	534.7	401.0	125.9	66.4	334.6
STAGE A EAST	90.5	67.9	28.9	72.9	-5.0
STAGE A WEST	373.3	280.0	58.5	5.1	274.8
SUBTOTAL:	998.4	748.8	213.4	144.4	604.4
147TH STREET					
TEMPORARY	145.9	109.4	55.6	13.4	96.0
STAGE A EAST	996.4	747.3	131.6	231.4	515.9
STAGE A WEST	129.7	97.3	27.9	113.4	-16.1
SUBTOTAL:	1,271.9	953.9	215.1	358.2	595.7
149TH STREET					
TEMPORARY EAST	34.9	26.2	0.0	0.0	26.2
TEMPORARY WEST	37.8	28.3	16.0	3.2	25.1
STAGE A EAST	194.7	146.0	95.0	264.0	-117.9
STAGE A WEST	681.9	511.5	42.6	9.6	501.8
SUBTOTAL:	949.4	712.0	153.6	276.9	435.2
151ST STREET					
TEMPORARY EAST	223.6	167.7	106.9	104.1	63.6
TEMPORARY WEST	14.7	11.0	0.0	0.0	11.0
STAGE A EAST	748.9	561.7	82.9	388.7	173.0
STAGE A WEST	801.3	601.0	84.5	216.7	384.3
SUBTOTAL:	1,788.5	1,341.4	274.2	709.5	631.9
153RD STREET					
TEMPORARY	182.0	136.5	73.1	12.7	123.8
STAGE A EAST	184.1	138.1	17.5	4.5	133.5
STAGE A WEST	909.4	682.1	66.3	65.0	617.1
SUBTOTAL:	1,275.5	956.6	156.9	82.2	874.4
TOTAL:	25,720	19,290	7,010	21,920	-2,630

EARTHWORK SCHEDULE - 60M61 MIDDLE					
STAGE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	UNSUITABLE EXCAVATION	SUITABLE EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD
US 45 (LAGRANGE ROAD) STATION 177+00 TO STATION 274+00					
TEMPORARY	7,688.3	5,766.2	1,937.4	791.6	4974.6
STAGE 1	5,828.5	4,371.4	2,296.9	8,475.7	-4,104.4
STAGE 2	344.8	258.6	3.1	1,302.4	-1,043.8
STAGE 3	4,603.0	3,452.2	1,453.3	7,129.3	-3,677.0
STAGE 4	971.9	729.0	305.9	2,649.9	-1,920.9

NOTES:

1. "TOPSOIL EXCAVATION AND PLACEMENT" AND "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" ARE INCLUDED IN TOPSOIL/UNSUITABLE EXCAVATION. TOPSOIL REQUIRED FOR RE-USE IN COMPLETION IN THE FINAL LANDSCAPING SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT" WHILE THE REMAINDER, AS QUANTIFIED IN THE ABOVE EARTHWORK SUMMARY TABLE, WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."

2. FOR QUANTITY CALCULATIONS THE AVERAGE EXISTING TOPSOIL THICKNESS IS ASSUMED TO BE 4".

• ASSUME 15% FOR SHRINKAGE

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED -	REVISED -
D:\60M61-SHT-SCHEDULE01.dgn		DRAWN - JCL	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	34
SC-01			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

DRIVEWAY SCHEDULE

ITEM DESC. UNIT	42300400 PCC SQ YD	35501316 HMA BASE CSE. 8"	40603335 HMA SURF CSE. MIX D, N50			
				SO YD	TON	
US 45 (LAGRANGE ROAD)						
181+65.63	LT	CE	55			
185+83.60	RT-IN	CE		36	4	
185+83.60	RT-OUT	CE		36	4	
196+45.44	LT	CE	48			
199+55.68	LT	CE		55	6.2	
200+84.45	RT	CE	315			
200+84.45	LT	CE		242	27.1	
202+26.79	LT	CE		67	7.5	
204+55.17	LT	CE	45			
206+21.06	LT	CE	58			
217+96.12	LT	CE		67	7.5	
227+51.27	LT	CE	133			
228+52.87	LT	CE	69			
228+68.26	RT	CE	356			
230+64.02	LT	CE	46			
237+76.21	LT	CE		56	6.3	
240+07.04	LT	CE	34			
240+58.55	LT	CE	39			
241+51.47	LT	CE	39			
241+94.59	RT	CE	296			
242+39.71	LT	CE	46			
243+72.26	LT	CE	33			
245+17.82	RT	CE	50			
246+00.00	LT	CE	40			
251+38.41	LT	CE		67	7.5	
251+79.47	RT	CE	35			
253+86.37	RT	CE	41			
254+83.68	LT	CE	32			
255+16.92	RT	CE	48			
256+73.52	LT	CE	69			
257+30.25	RT	CE	45			
259+72.95	RT	CE	46			
259+97.78	LT	CE		88	9.9	
261+78.45	RT	CE	47			
262+17.41	LT	CE	36			
263+06.46	LT	CE	33			
263+73.95	LT	CE		63	7.1	
267+33.24	RT	CE	64			
268+36.44	RT	CE	47			
269+34.46	LT	CE	30			
269+72.42	LT	CE	25			
270+62.96	LT	CE	29			
271+11.57	LT	CE	32			
153RD STREET						
324+64.53	RT	CE	75			
325+15.29	LT	CE	113			
327+16.46	RT	CE	77			
151ST STREET						
500+77.05	LT	CE	82			
502+02.57	RT	CE	77			
503+20.96	LT	CE	177			
504+06.87	RT	CE	152			
529+52.20	RT	CE	126			
529+67.97	LT	CE	61			
147TH STREET						
226+33.92	RT	CE	50			
144TH STREET						
176+19.57	RT	CE	34			
149TH STREET						
276+48.45	LT	CE		41	4.6	
147TH STREET						
225+78.37	RT	CE		51	5.7	
230+41.00	RT	CE		56	6.3	
231+18.85	RT	CE		69	7.7	
231+11.29	LT	CE		37	4.1	
233+69.66	RT	CE		71	8	
234+12.73	LT	CE		36	4	
144TH PLACE						
176+15.09	LT	CE		45	5	
176+34.80	RT	CE		78	8.7	
179+53.00	LT	CE		44	4.9	
181+15.73	LT	CE		53	5.9	
181+27.43	RT	CE		57	6.4	
			TOTAL	3385	1415	158.4



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FILE NAME =	USER NAME = Anthony.Plutz
D160M61-SHT-SCHEDULE02.dgn	
SHT.PLAN	

DESIGNED - JCL	REVISOR -
DRAWN - JCL	REVISIONS -
PLOT SCALE = 100.0000' / 1" =	CHECKED -
PLOT DATE = 3/14/2013	DATE - 03/13/2013

DESIGNED - JCL	REVISOR -
DRAWN - JCL	REVISIONS -
CHECKED -	REVISIONS -
DATE - 03/13/2013	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	35
SC-02		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

EROSION CONTROL SCHEDULE

SHEETS ER-02 TO ER-33

ITEM	20101000 TEMPORARY FENCE	25100127 MULCH, METHOD 3A	25100635 HEAVY DUTY EROSION CONTROL BLANKET	28000250 TEMPORARY EROSION CONTROL SEEDING	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	72000200 SIGN PANEL - TYPE 2	X0323410 TRIANGULAR SILT DIKES	X2800520 ABOVE GRADE INLET FILTERS
	FOOT	ACRE	SQ YD	POUND	FOOT	FOOT	SQ FT	EACH	EACH
SHEET									
ER-02	0	0.50	0	50.00	0	1775	0	9	9
ER-03	946	0.50	0	50.00	0	1065	18	35	35
ER-04	990	0.75	0	75.00	0	1414	0	28	28
ER-05	0	0.25	0	25.00	0	748	0	14	14
ER-06	277	0.50	0	50.00	0	1070	0	20	20
ER-07	793	0.75	198	79.25	0	2131	0	61	61
ER-08	1132	0.50	1117	73.25	0	1461	0	46	46
ER-09	839	0.25	0	25.00	0	72	0	24	24
ER-10	0	0.00	0	0.00	0	0	0	1	1
ER-11	0	0.00	0	0.00	0	0	0	0	0
ER-12	0	0.00	0	0.00	0	0	0	1	1
ER-13	0	0.00	0	0.00	0	0	0	0	0
ER-14	0	0.25	0	25.00	16	0	0	21	21
ER-15	373	0.00	0	0.00	0	0	0	40	40
ER-16	0	0.00	0	0.00	0	0	0	34	34
ER-17	0	0.00	0	0.00	0	0	0	13	13
ER-18	0	0.00	0	0.00	0	0	0	13	13
ER-19	0	0.00	0	0.00	0	0	0	28	28
ER-20	0	0.00	0	0.00	0	0	0	25	25
ER-21	0	0.00	0	0.00	0	0	0	11	11
ER-22	0	0.25	0	25.00	0	712	0	5	5
ER-23	0	0.25	0	25.00	0	1382	0	9	9
ER-24	0	0.25	0	25.00	0	1140	0	5	5
ER-25	0	0.25	0	25.00	0	1222	0	17	17
ER-26	0	0.25	0	25.00	0	655	0	19	19
ER-27	0	0.25	0	25.00	0	597	0	7	7
ER-28	0	0.25	0	25.00	0	1996	0	13	13
ER-29	0	0.25	0	25.00	0	466	0	16	16
ER-30	0	0.25	0	25.00	0	189	0	11	11
ER-31	0	0.00	0	0.00	0	0	0	4	4
ER-32	0	0.00	0	0.00	0	0	0	13	13
ER-33	0	0.00	0	0.00	0	0	0	0	0
SUB TOTAL	5,350	6.50	1,315	677.50	16	18,095	18	543	543
AT THE ENGINEER'S DISCRETION	535	0.75	132	67.75	2	1,810	2	54	54
GRAND TOTAL	5,885	7.25	1,447	745.25	18	19,905	20	597	597

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998

URS

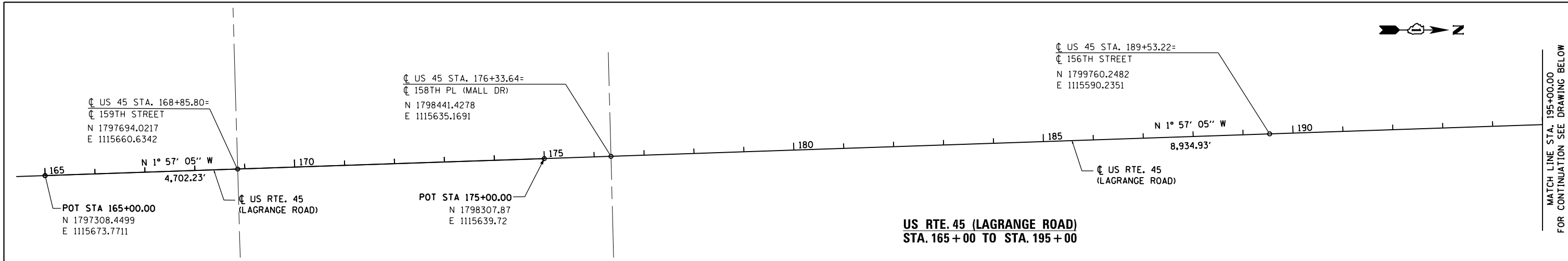
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - JCL	REVISED -
D:\6061-SHT-SCHEDULE03_APEX.dgn		DRAWN - JCL	REVISED -
	PLOT SCALE = 66.6667' / in.	CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

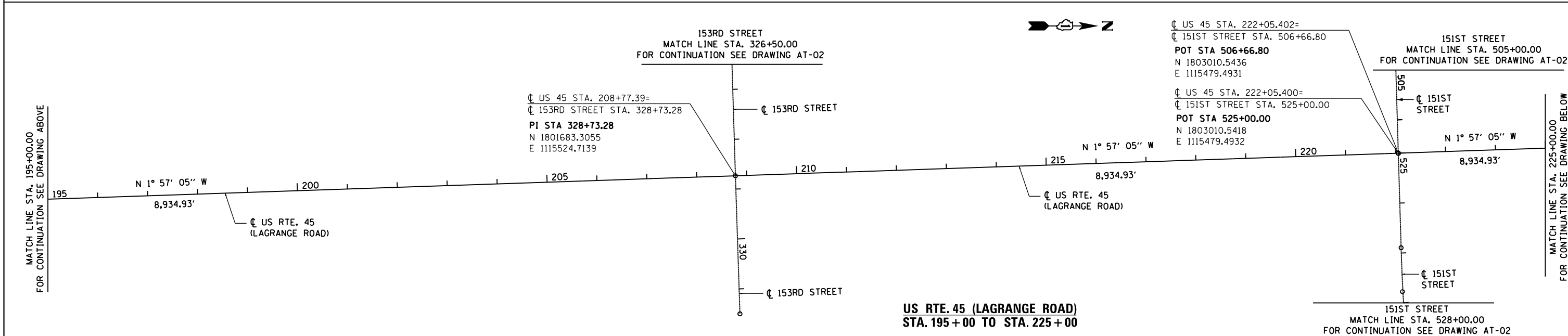
SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

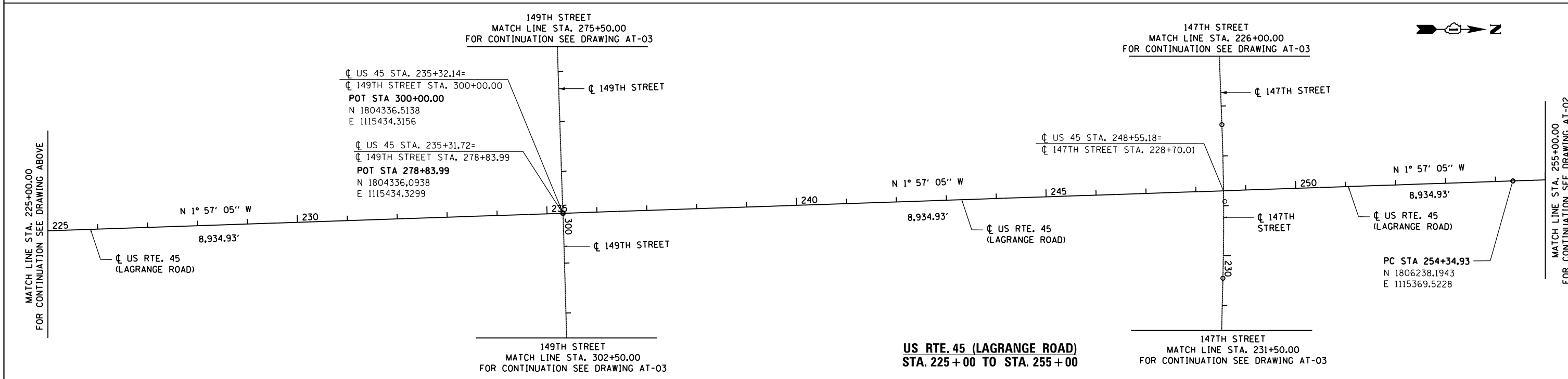
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	36
SC-03			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



**US RTE. 45 (LAGRANGE ROAD)
 STA. 165+00 TO STA. 195+00**

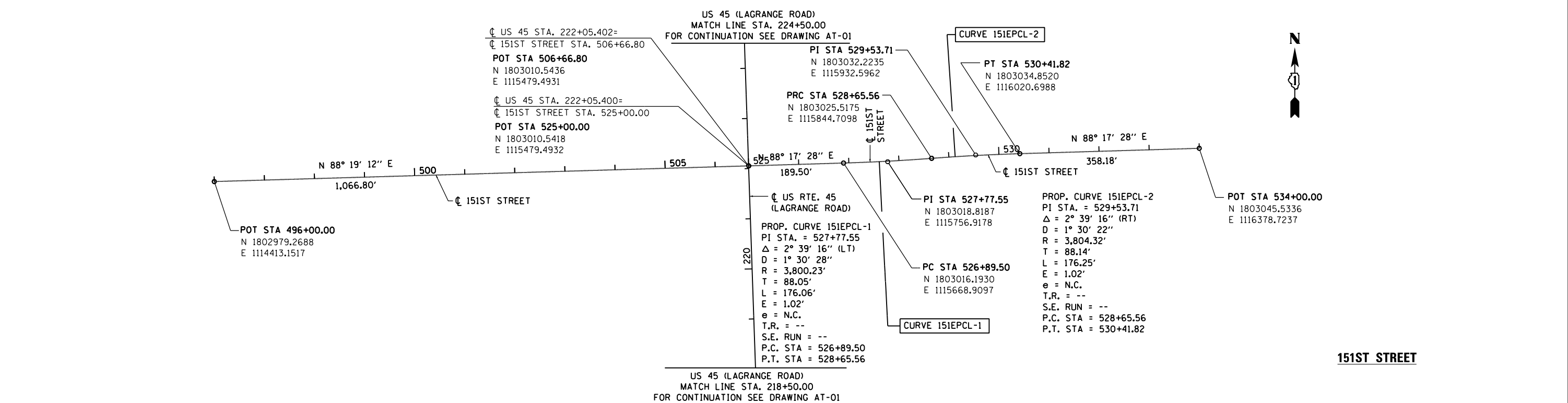
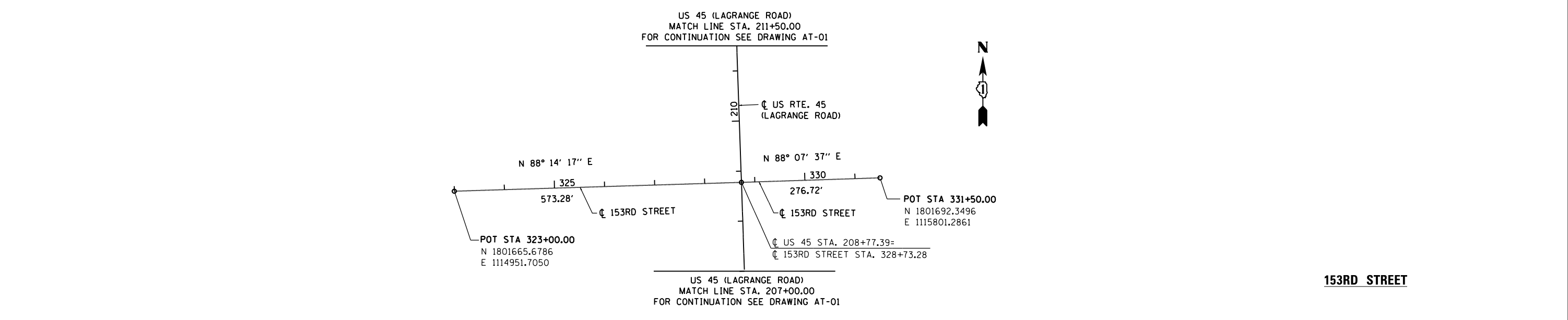
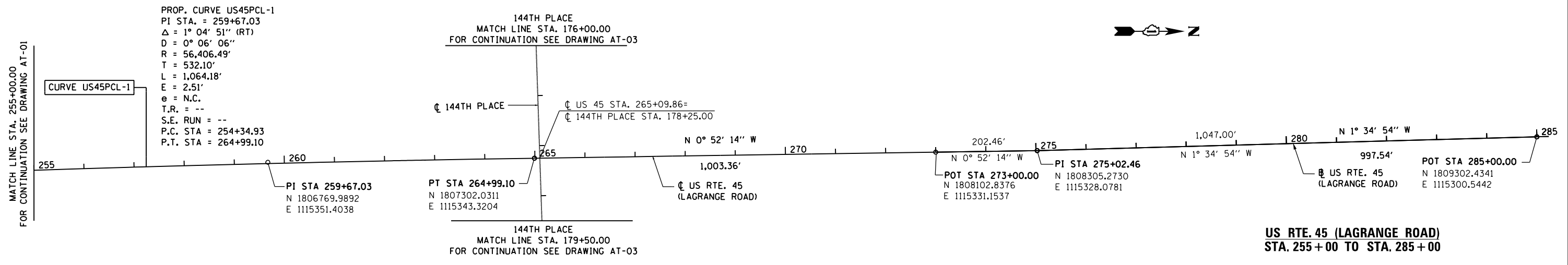


**US RTE. 45 (LAGRANGE ROAD)
 STA. 195+00 TO STA. 225+00**



**US RTE. 45 (LAGRANGE ROAD)
 STA. 225+00 TO STA. 255+00**

FILE NAME = D160M61-SHT-AT01.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS			F.A.P. RTE. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 39
PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -	REVISED -		SCALE: 1"=100'	SHEET 1 OF 3 SHEETS	STA. TO STA.	AT-01		CONTRACT NO. 60M61		
SHT.PLAN	PLOT DATE = 3/14/2013	DATE = 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT							



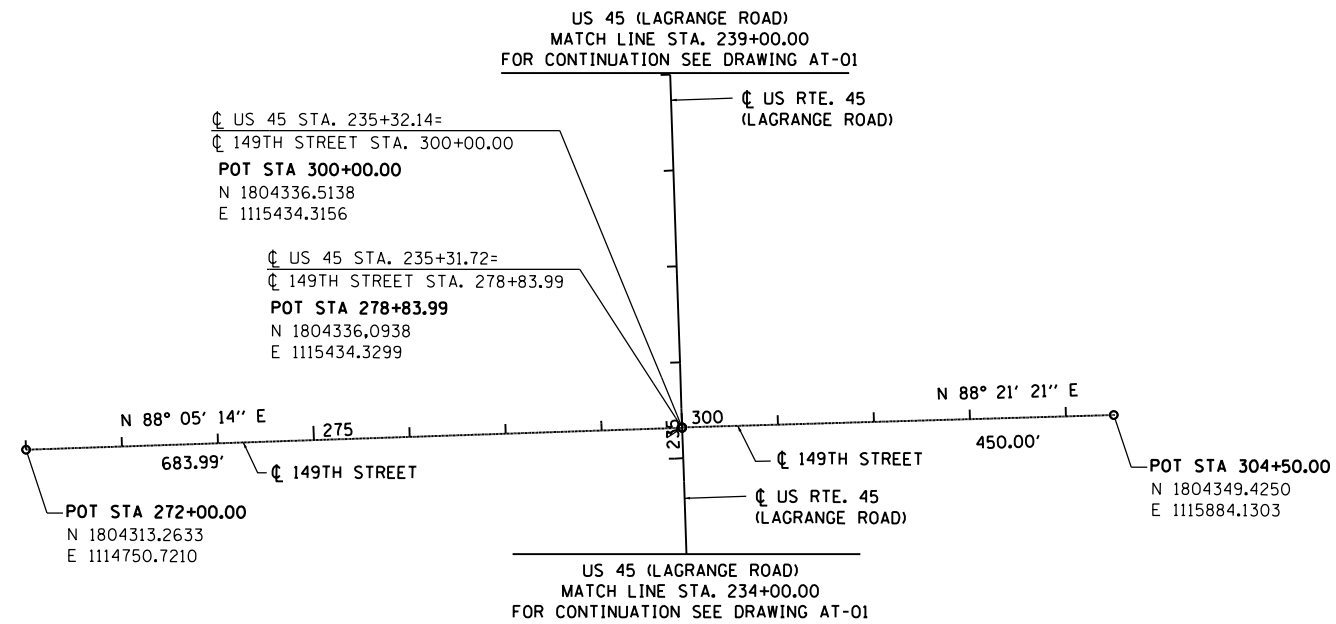
URS
 100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998

FILE NAME = D160M61-SHT-ATB02.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT. PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

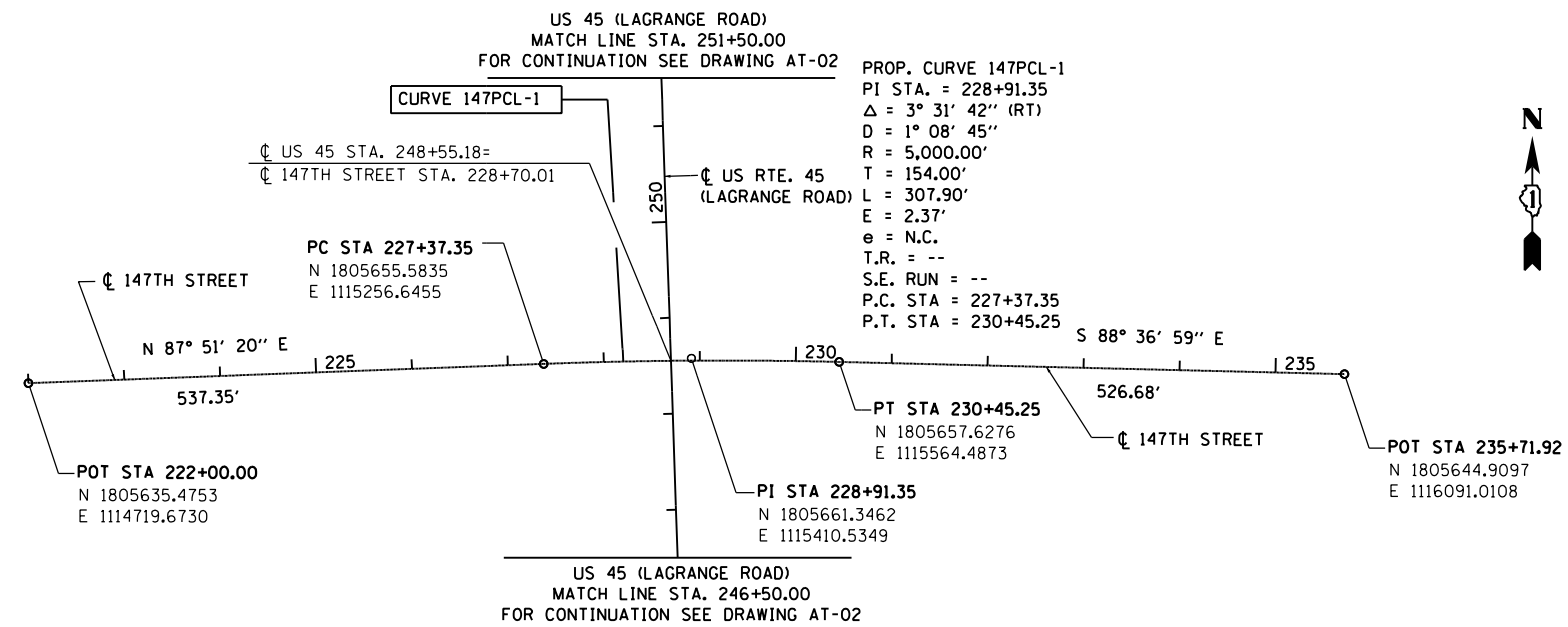
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=100'	SHEET 2 OF 3 SHEETS	STA.	TO STA.

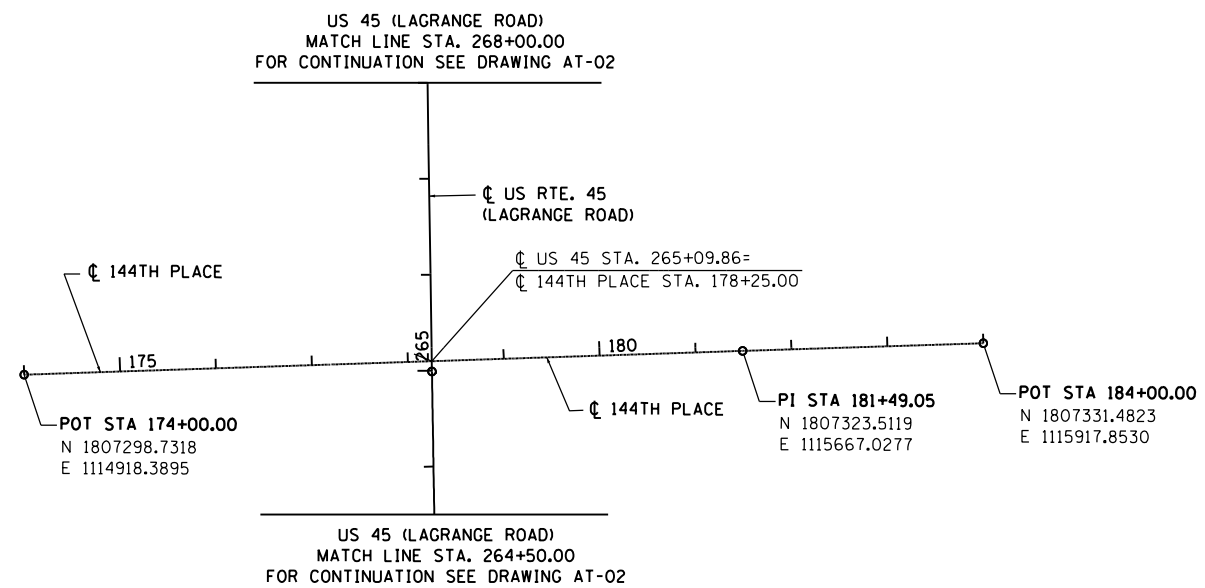
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 40
AT-02			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



149TH STREET



147TH STREET



144TH PLACE

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D160M61-SHT-AT03.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 3 OF 3 SHEETS STA. BEGIN TO STA. 255+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	41
AT-03			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

TEMPORARY BENCHMARK "A" 548

CUT ON THE SW'LY CORNER OF ELECTRIC TRANSFORMER CONCRETE CORNER PAD ABOUT 400' SOUTH OF SOUTH LINE OF 143rd ST. AND ±60' E. OF THE ES'LY LINE OF RT 45
 N 1807847.3584
 E 1115438.9260
 EL. 707.458
 STA 270+42
 OFFSET 103.8' RT

TEMPORARY BENCHMARK "B" 551

CHISELED CROSS ON THE NE'LY CORNER OF CONCRETE PAD AND A BRICK SIGN WEST FRONT OF HOUSE #14600 SOUTH LA GRANGE RD.
 N 1798922.5030
 E 1115554.7540
 EL. 717.768
 STA 181+17
 OFFSET 64.0' LT

TEMPORARY BENCHMARK "C" 552

CUT ON THE MOST WEST CORNER OF TRAFFIC CONTROL BOX CONCRETE FOUNDATION ON THE NE'LY CORNER OF RT 45 AND 147TH ST.
 N 1805726.0727
 E 1115441.2413
 EL. 723.484
 STA 249+20
 OFFSET 54.2' RT

TEMPORARY BENCHMARK "D" 554

CUT ON THE WEST SIDE OF CONCRETE SLAB W/SIGN (ORLAND SQUARE) JUST NORTH OF DENNY'S RESTAURANT
 N 1804970.9600
 S 1115521.8358
 EL. 713.910
 STA 241+63
 OFFSET 109.1' RT

TEMPORARY BENCHMARK "E" 556

THE N-W BOLT OF THE FIRE HYDRANT JUST WEST OF THE TOYS R US STORE ±125' EAST OF THE EAST SIDE OF ROUTE 45 "PARKING LOT"
 N 1803359.3358
 E 1115637.2075
 EL 707.130
 STA 250+48
 OFFSET 169.5 RT

TEMPORARY BENCHMARK "F" 568

THE S-E BOLT OF THE FIRST LIGHT POLE SOUTH OF 151st ST. ON THE EAST SIDE OF LAGRANGE RD.
 N 1802798.7937
 E 1115526.3706
 EL 706.206
 STA 219+92
 OFFSET 39.6' RT

TEMPORARY BENCHMARK "G" 569

THE SOUTHEAST BOTTOM OF LIGHT POLE #93-15 ±300' NORTH OF 153rd ST. ON THE WEST SIDE OF LAGRANGE RD.
 N 1801998.9896
 E 1115478.2495
 EL 699.946
 STA 211+94
 OFFSET 35.7 LT

TEMPORARY BENCHMARK "H" 573

CUT SQUARE ON LIGHT POLE #C6/G5 CONCRETE FOUNDATION IN FRONT OF "SOLA SALON" WEST SIDE OF RT. 45
 N 1798922.5010
 E 1115555.6214
 EL. 691.186
 STA 181+17
 OFFSET 63.1 LT

TEMPORARY BENCHMARK 144th PL. (592) EAST

NORTH BOLT OF FIRE HYDRANT FLANGE ON THE NE'LY CORNER OF 144th PL. AND RAVINIA AV.
 N 1807314.9871
 E 1114728.3528
 EL 708.140
 STA 265+21
 OFFSET 614.7' LT

TEMPORARY BENCHMARK 144th PL. (588) WEST

THE SOUTHEAST BOLT OF FIRE HYDRANT-FLANGE ±300' EAST OF ROUTE 45 ON THE SOUTH SIDE OF 144th PL.
 EL. 714.469.
 N 1807302.6414
 E 1115683.7178
 EL 714.469
 STA 264+93
 OFFSET 340.4 RT

TEMPORARY BENCHMARK 147th PL. (594) EAST

THE WEST BOLT OF FIRE HYDRANT FLANGE ON THE SOUTH SIDE OF 147th ST. ±300' WEST OF RT 45.
 EL. 714.469.
 N 1805618.2857
 E 1115050.3890
 EL 715.356
 STA 248+26
 OFFSET 340.0' LT

TEMPORARY BENCHMARK 147th PL. (596) WEST

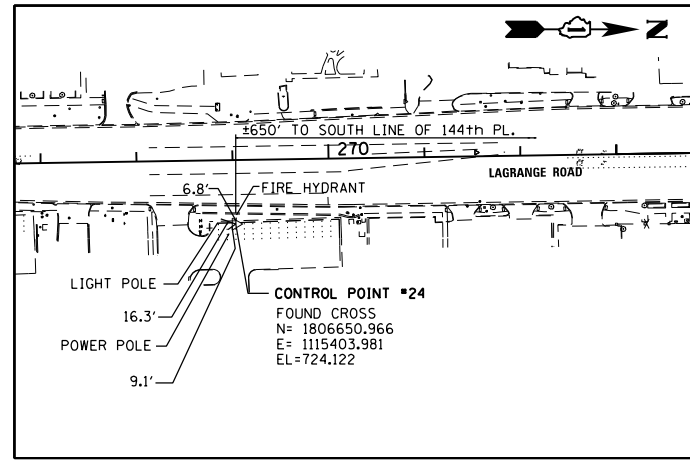
CUT ON THE NORTH SIDE OF 147th ST. B.M. IS ON THE S-SIDE OF LIGHT POLE CONCRETE FOUNDATION ±600' E. OF RT 45.
 N 1805685.7761
 E 1115875.8523
 EL 721.145
 STA 248+65
 OFFSET 487.2' RT

TEMPORARY BENCHMARK 151st PL. (612)

SE'LY BOLT ON FIRE HYDRANT FLANGE ON THE SOUTH EAST CORNER OF 151st ST. & RAVINIA AVE.
 N 1802948.5691
 E 1114849.5816
 EL 712.185
 STA 221+64
 OFFSET 631.6' LT



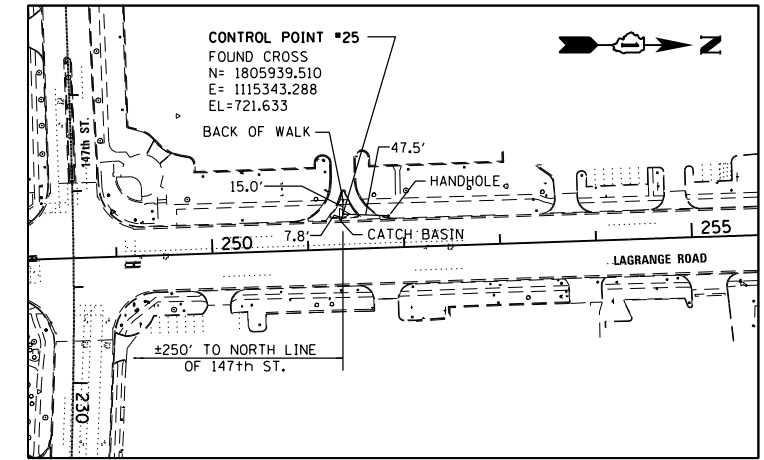
FILE NAME = D160M61-SHT-AT04.dgn	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SHT.PLAN	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -					330	103R-4	COOK	877	42
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=100'			SHEET 1 OF 3 SHEETS	STA. TO STA.	AT-04 CONTRACT NO. 60M61		
										ILLINOIS FED. AID PROJECT		



LOCATION DESCRIPTION: STA. 269+02.41, 66.79' EAST OF US 45 CL

CONTROL POINT NO. 24

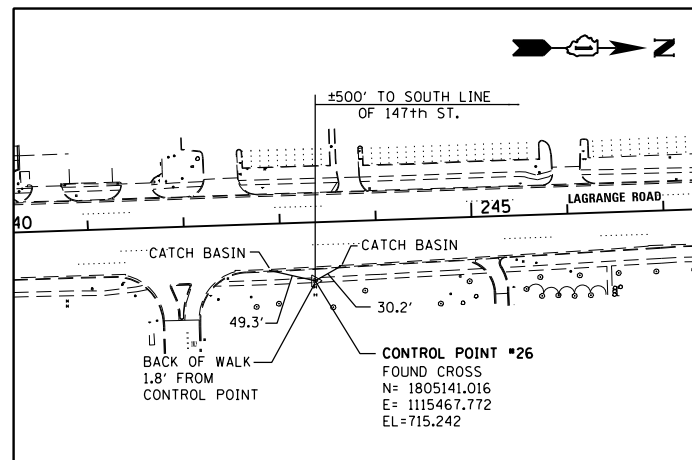
SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 251+37.31, 36.39' WEST OF US 45 CL

CONTROL POINT NO. 25

SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 243+34.93, 60.87' EAST OF US 45 CL

CONTROL POINT NO. 26

SCALE: 1" = 100'

100 S. WACKER DR.
 SUITE 600
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 TEL (312) 939-1000
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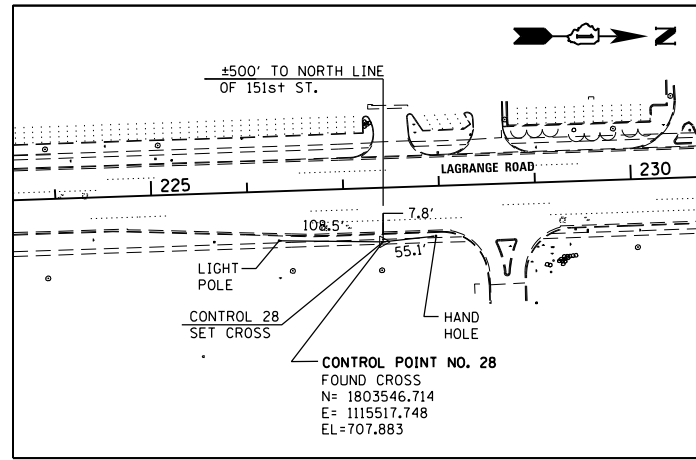
FILE NAME = D160M61-SHT-ATB05.dgn	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -
		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 2 OF 3 SHEETS STA. TO STA.

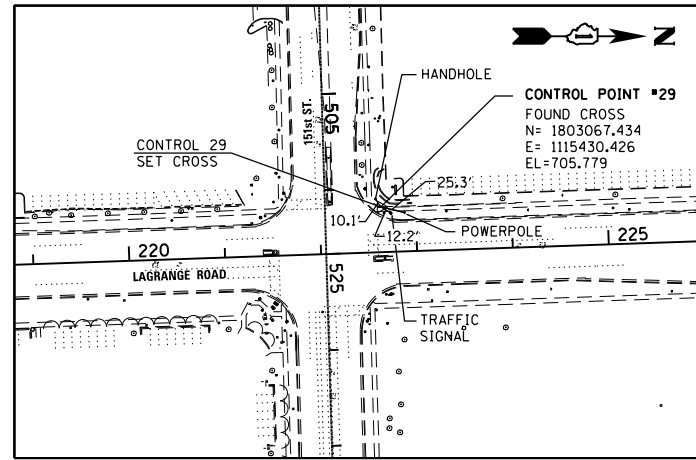
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	43
AT-05			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



LOCATION DESCRIPTION: STA. 227+39.96, 39.96' EAST OF US 45 CL

CONTROL POINT NO. 28

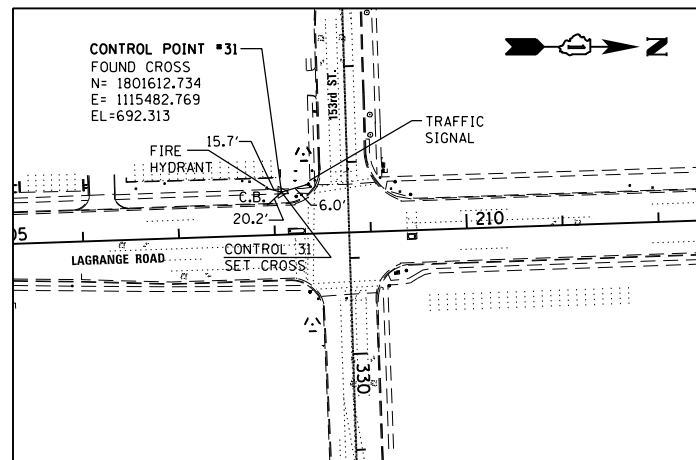
SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 222+63.93, 47.10' WEST OF US 45 CL
STA. 506+19.42, 58.30' NORTH OF 151ST CL

CONTROL POINT NO. 29

SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 208+08.29, 44.32' WEST OF US 45 CL
STA. 328+29.18, 69.25' SOUTH OF 153RD CL

CONTROL POINT NO. 31

SCALE: 1" = 100'

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -
D160M61-SHT-ATB06.dgn		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	44
AT-06			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

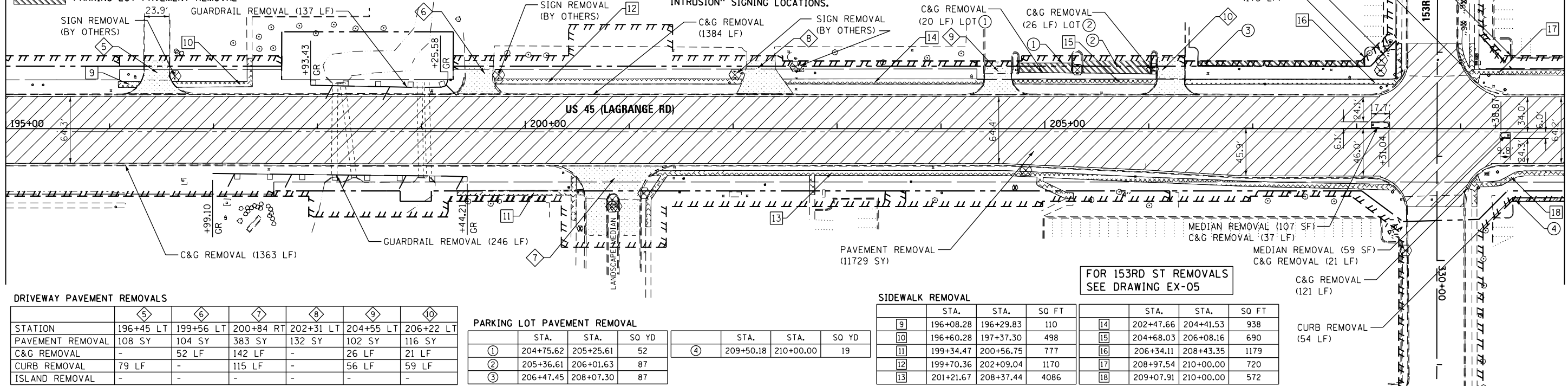
REMOVAL LEGEND

- PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN OR ISLAND REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PARKING LOT PAVEMENT REMOVAL
- TREE REMOVAL (ACRES)
- SELECTIVE CLEARING (S.F.)
- TREE REMOVAL (UNIT DIAMETER)
- TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNING
- REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED)
- MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY)

NOTES:

- THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
- TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
- IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
- SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.

SEE DRAWING EX-01
MATCH LINE STA. 195+00.00



DRIVEWAY PAVEMENT REMOVALS

STATION	196+45 LT	199+56 LT	200+84 RT	202+31 LT	204+55 LT	206+22 LT
PAVEMENT REMOVAL	108 SY	104 SY	383 SY	132 SY	102 SY	116 SY
C&G REMOVAL	-	52 LF	142 LF	-	26 LF	21 LF
CURB REMOVAL	79 LF	-	115 LF	-	56 LF	59 LF
ISLAND REMOVAL	-	-	-	-	-	-

PARKING LOT PAVEMENT REMOVAL

STA.	STA.	SO YD	STA.	STA.	SO YD
①	204+75.62	205+25.61	52	④	209+50.18
②	205+36.61	206+01.63	87		
③	206+47.45	208+07.30	87		

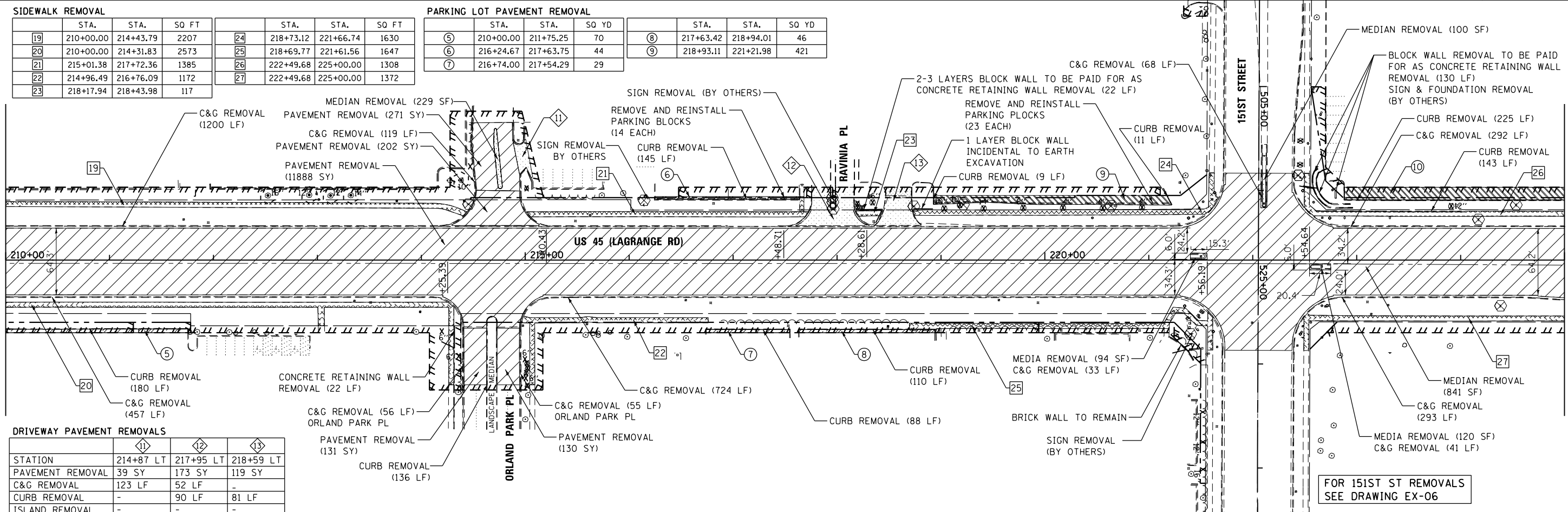
SIDEWALK REMOVAL

STA.	STA.	SO FT	STA.	STA.	SO FT
⑨	196+08.28	196+29.83	110	⑭	202+47.66
⑩	196+60.28	197+37.30	498	⑮	204+68.03
⑪	199+34.47	200+56.75	777	⑯	206+34.11
⑫	199+70.36	202+09.04	1170	⑰	208+97.54
⑬	201+21.67	208+37.44	4086	⑱	209+07.91

FOR 153RD ST REMOVALS
SEE DRAWING EX-05

MATCH LINE STA. 210+00.00
SEE BELOW

SEE ABOVE
MATCH LINE STA. 210+00.00



DRIVEWAY PAVEMENT REMOVALS

STATION	214+87 LT	217+95 LT	218+59 LT
PAVEMENT REMOVAL	39 SY	173 SY	119 SY
C&G REMOVAL	123 LF	52 LF	-
CURB REMOVAL	-	90 LF	81 LF
ISLAND REMOVAL	-	-	-

PARKING LOT PAVEMENT REMOVAL

STA.	STA.	SO YD	STA.	STA.	SO YD
⑤	210+00.00	211+75.25	70	⑧	217+63.42
⑥	216+24.67	217+63.75	44	⑨	218+93.11
⑦	216+74.00	217+54.29	29		

FOR 151ST ST REMOVALS
SEE DRAWING EX-06

MATCH LINE STA. 225+00.00
SEE DRAWING EX-03



100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998

FILE NAME = D160M61-SHT-REM02.dgn	USER NAME = Anthony.Plutz	DESIGNED - BFH	REVISED -
PLOT SCALE = 100.000000' / 1"	CHECKED - MJT	DRAWN - BFH	REVISED -
PLOT DATE = 3/14/2013	DATE - 03/13/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS - US 45 (LAGRANGE ROAD)

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 46
EX-02		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SIDEWALK REMOVAL

STA.	STA.	SO FT	
28	225+00.00	227+31.12	1134
29	225+00.00	228+30.40	1591
30	227+72.37	228+33.50	284
31	228+72.74	230+32.48	770
32	229+07.11	234+90.00	2795

DRIVEWAY PAVEMENT REMOVALS

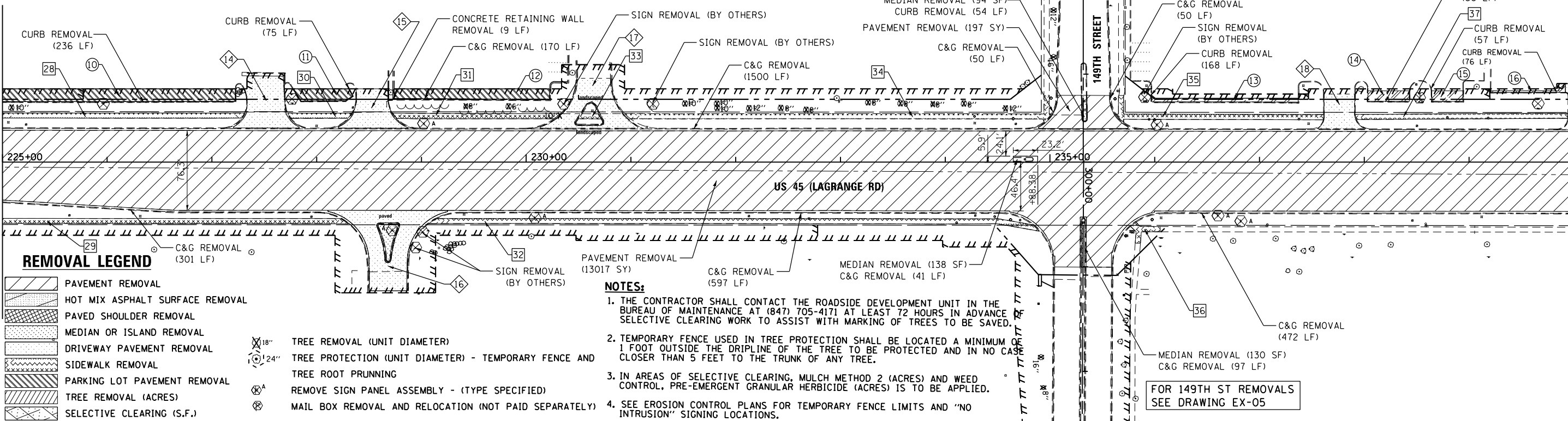
STA.	STA.	SO FT	
33	230+50.26	235+71.47	90
34	230+94.00	235+01.31	2069
35	235+63.06	237+61.11	1057
36	235+76.87	236+01.24	204
37	237+91.48	239+94.27	989

PARKING LOT PAVEMENT REMOVAL

STA.	STA.	SO YD	
10	222+88.29	227+22.36	590
11	227+77.78	228+34.34	66
12	228+74.14	230+22.22	160
13	235+97.17	237+37.00	56

SEE DRAWING EX-02
MATCH LINE STA. 225+00.00

MATCH LINE STA. 240+00.00
SEE BELOW



DRIVEWAY PAVEMENT REMOVALS

STA.	STA.	SO FT						
19	240+09 LT	240+59 LT	241+51 LT	241+95 RT	242+40 LT	243+73 LT	245+15 RT	246+02 LT
20								
21								
22								
23								
24								
25								
26								

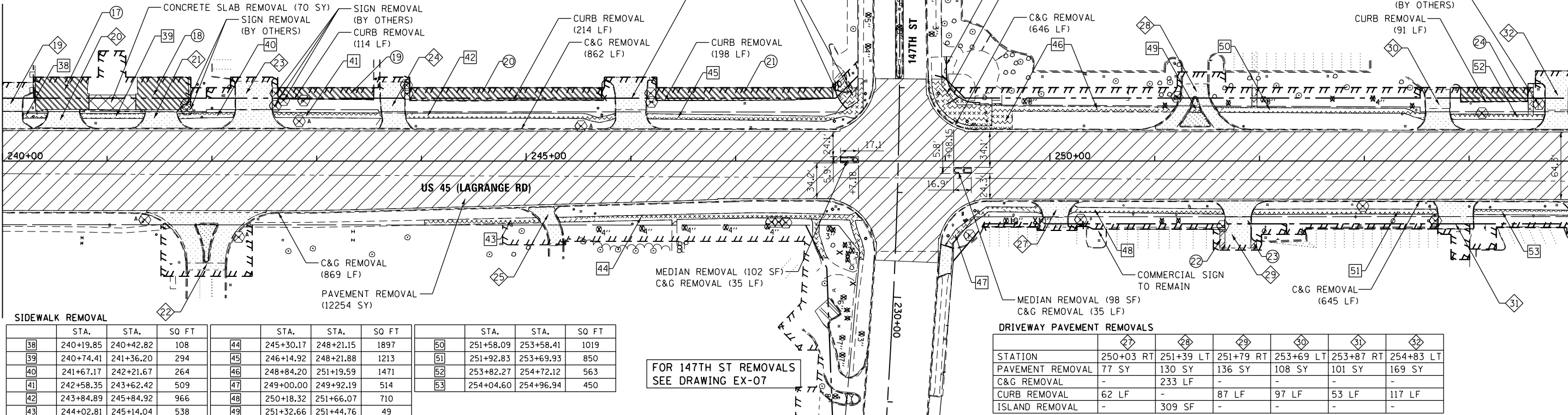
SIDEWALK REPLACEMENT (429 SF) - BLOCK WALL REMOVAL & REINSTALLATION SHALL BE INCIDENTAL TO SIDEWALK REPLACEMENT

PARKING LOT PAVEMENT REMOVAL

STA.	STA.	SO YD	
17	240+31.67	240+82.52	174
18	241+28.66	241+77.41	167
19	242+63.33	243+54.32	111
20	243+89.05	245+72.33	244
21	246+23.80	247+92.95	221

SEE ABOVE
MATCH LINE STA. 240+00.00

MATCH LINE STA. 255+00.00
SEE DRAWING EX-04



SIDEWALK REMOVAL

STA.	STA.	SO FT	
38	240+19.85	240+42.82	108
39	240+74.41	241+36.20	294
40	241+67.17	242+21.67	264
41	242+58.35	243+62.42	509
42	243+84.89	245+84.92	966
43	244+02.81	245+14.04	538

STA.	STA.	SO FT	
44	245+30.17	248+21.15	1897
45	246+14.92	248+21.88	1213
46	248+84.20	251+19.59	1471
47	249+00.00	249+92.19	514
48	250+18.32	251+66.07	710
49	251+32.66	251+44.76	49

DRIVEWAY PAVEMENT REMOVALS

STA.	STA.	SO FT	
50	251+58.09	253+58.41	1019
51	251+92.83	253+69.93	850
52	253+82.27	254+72.12	563
53	254+04.60	254+96.94	450

FOR 147TH ST REMOVALS
SEE DRAWING EX-07



FILE NAME = D160M61-SHT-REM03.dgn	USER NAME = Anthony.Plutz	DESIGNED - BFH	REVISED -
		DRAWN - BFH	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS - US 45 (LAGRANGE ROAD)

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 47
EX-03			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

PARKING LOT PAVEMENT REMOVAL

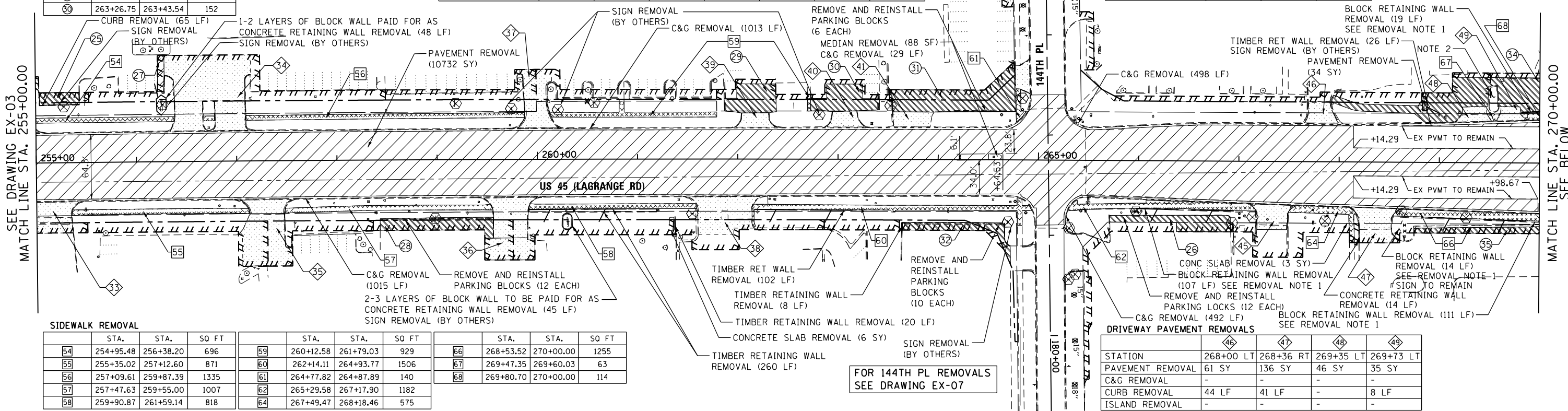
	STA.	STA.	SQ YD
25	255+03.70	255+43.49	54
26	265+71.46	266+92.09	148
27	257+14.35	257+23.71	26
28	258+42.53	259+56.06	161
29	262+38.42	262+69.79	144
30	263+26.75	263+43.54	152

DRIVEWAY PAVEMENT REMOVALS

	STA.	STA.	SQ YD	STA.	STA.	SQ YD
31	263+50.69	264+77.28	353	33	255+16 RT	
32	263+64.60	264+72.38	117	34	256+76 LT	
33	267+92.23	270+00.00	454	35	257+29 RT	
34	268+75.38	270+00.00	81	36	259+71 RT	
				37	259+98 LT	
				38	261+87 RT	
				39	262+18 LT	

DRIVEWAY PAVEMENT REMOVALS

	STA.	STA.	SQ YD
40	263+07 LT	263+74 LT	267+33 RT
41	263+07 LT	263+74 LT	267+33 RT
42	263+07 LT	263+74 LT	267+33 RT
43	263+07 LT	263+74 LT	267+33 RT
44	263+07 LT	263+74 LT	267+33 RT
45	263+07 LT	263+74 LT	267+33 RT



SIDEWALK REMOVAL

	STA.	STA.	SQ FT		STA.	STA.	SQ FT		STA.	STA.	SQ FT
54	254+95.48	256+38.20	696	59	260+12.58	261+79.03	929	66	268+53.52	270+00.00	1255
55	255+35.02	257+12.60	871	60	262+14.11	264+93.77	1506	67	269+47.35	269+60.03	63
56	257+09.61	259+87.39	1335	61	264+77.82	264+87.89	140	68	269+80.70	270+00.00	114
57	257+47.63	259+55.00	1007	62	265+29.58	267+17.90	1182				
58	259+90.87	261+59.14	818	64	267+49.47	268+18.46	575				

DRIVEWAY PAVEMENT REMOVALS

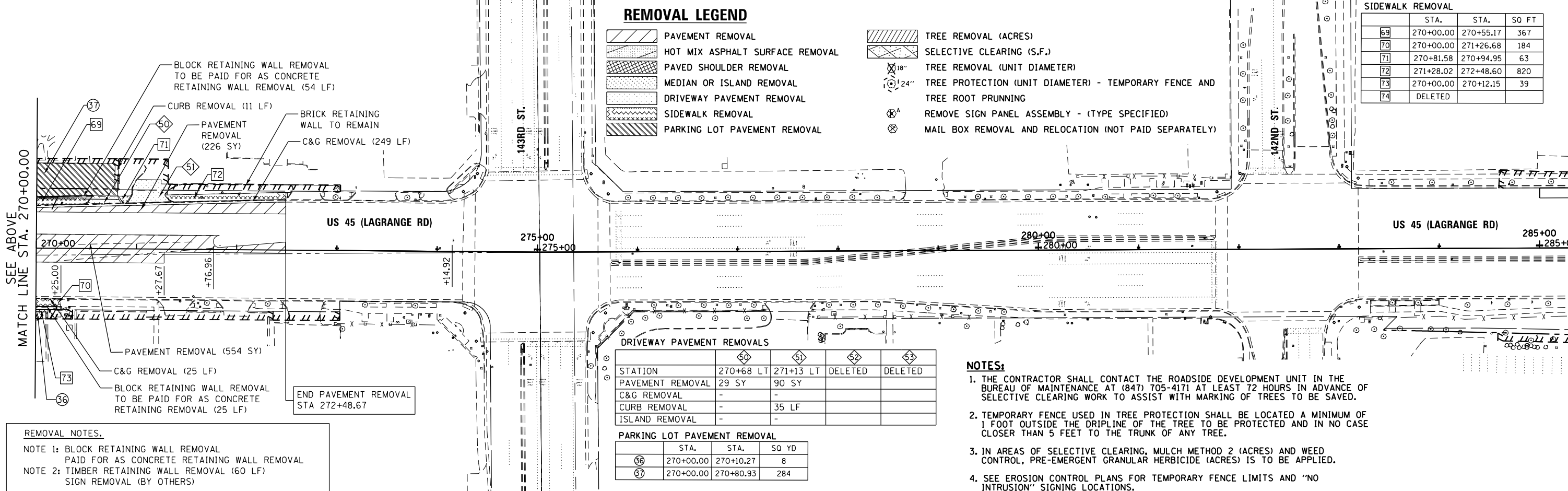
	STA.	STA.	SQ YD
46	268+00 LT	268+36 RT	269+35 LT
47	268+00 LT	268+36 RT	269+35 LT
48	268+00 LT	268+36 RT	269+35 LT
49	268+00 LT	268+36 RT	269+35 LT

REMOVAL LEGEND

- PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN OR ISLAND REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PARKING LOT PAVEMENT REMOVAL
- TREE REMOVAL (ACRES)
- SELECTIVE CLEARING (S.F.)
- TREE REMOVAL (UNIT DIAMETER)
- TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNING
- REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED)
- MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY)

SIDEWALK REMOVAL

	STA.	STA.	SQ FT
69	270+00.00	270+55.17	367
70	270+00.00	271+26.68	184
71	270+81.58	270+94.95	63
72	271+28.02	272+48.60	820
73	270+00.00	270+12.15	39
74	DELETED		



DRIVEWAY PAVEMENT REMOVALS

	STA.	STA.	SQ YD
50	270+68 LT	271+13 LT	DELETED
51	270+68 LT	271+13 LT	DELETED
52	270+68 LT	271+13 LT	DELETED
53	270+68 LT	271+13 LT	DELETED

PARKING LOT PAVEMENT REMOVAL

	STA.	STA.	SQ YD
36	270+00.00	270+10.27	8
37	270+00.00	270+80.93	284

NOTES:

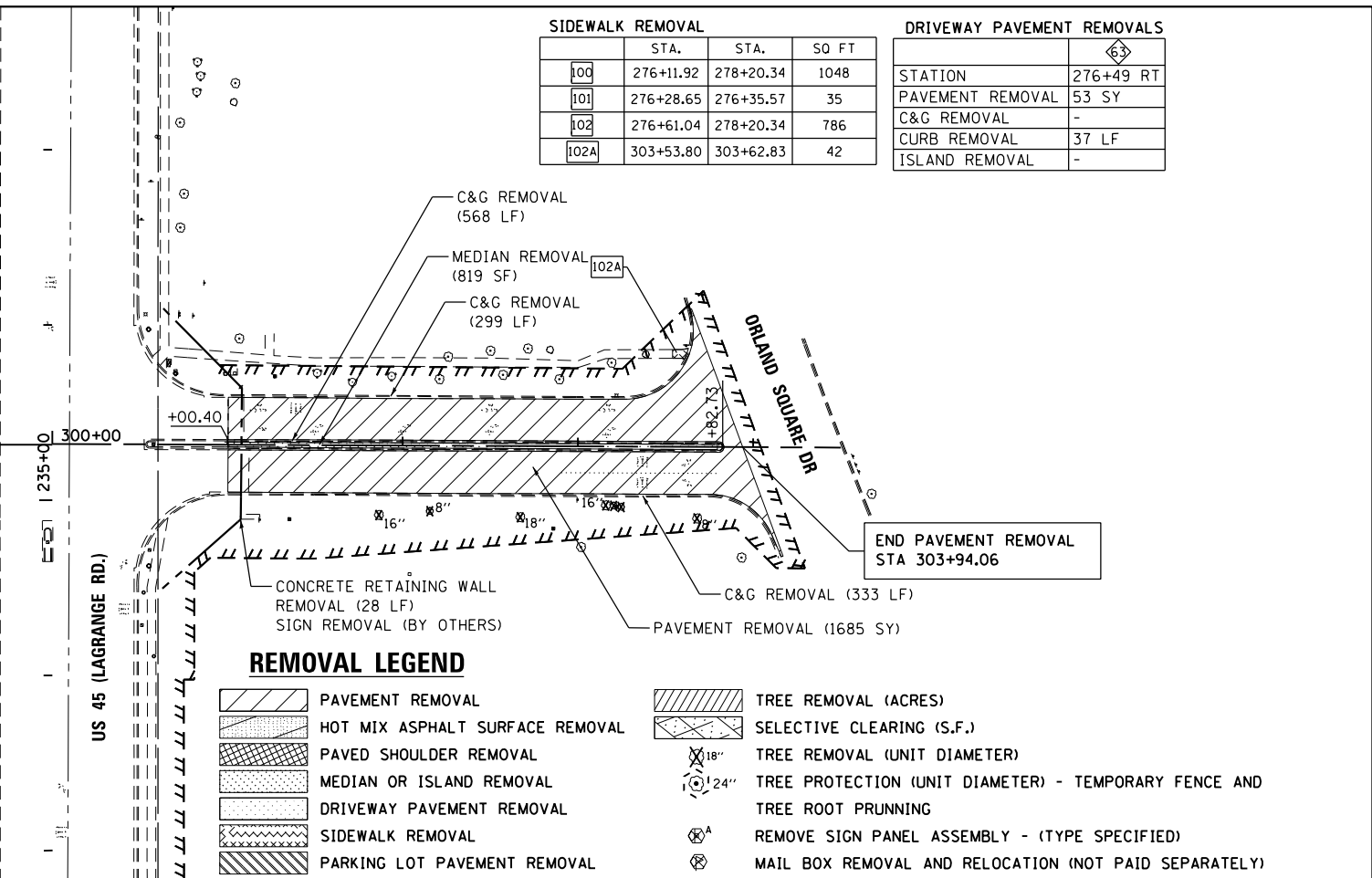
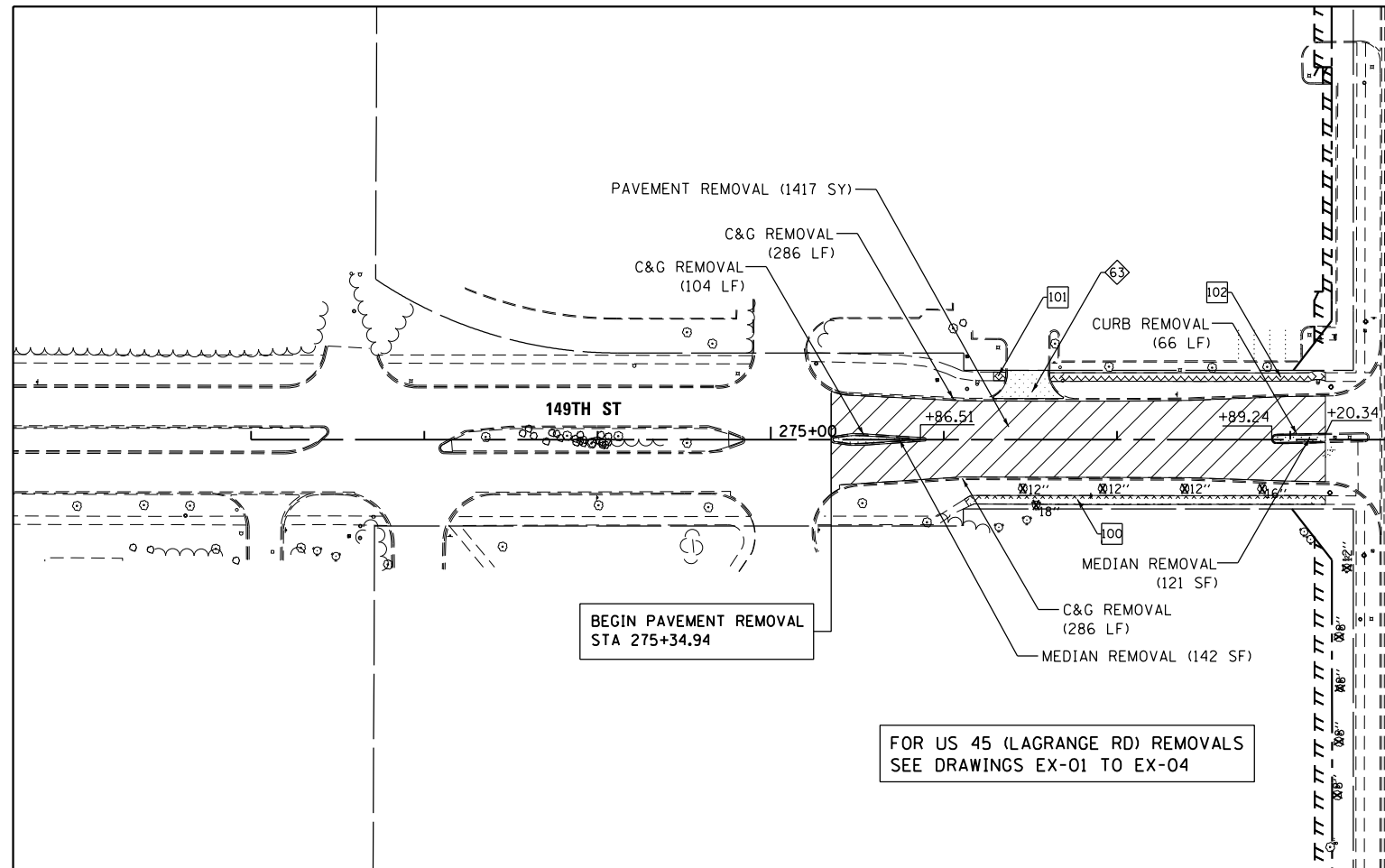
- THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
- TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
- IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
- SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.

REMOVAL NOTES.
 NOTE 1: BLOCK RETAINING WALL REMOVAL PAID FOR AS CONCRETE RETAINING WALL REMOVAL
 NOTE 2: TIMBER RETAINING WALL REMOVAL (60 LF) SIGN REMOVAL (BY OTHERS)



SIDEWALK REMOVAL			
	STA.	STA.	SQ FT
100	276+11.92	278+20.34	1048
101	276+28.65	276+35.57	35
102	276+61.04	278+20.34	786
102A	303+53.80	303+62.83	42

DRIVEWAY PAVEMENT REMOVALS	
STATION	AMOUNT
276+49 RT	53 SY
-	-
-	37 LF
-	-



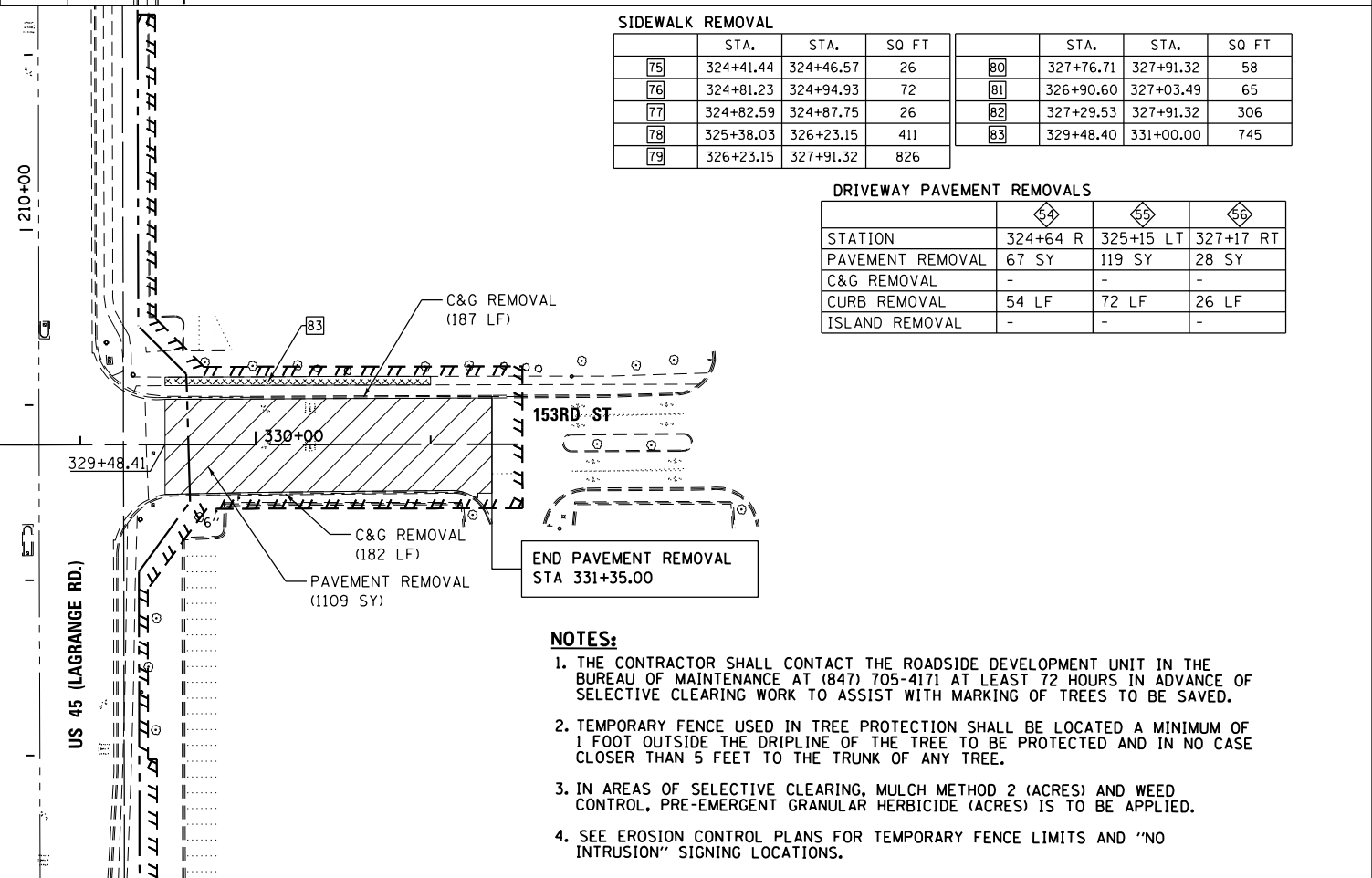
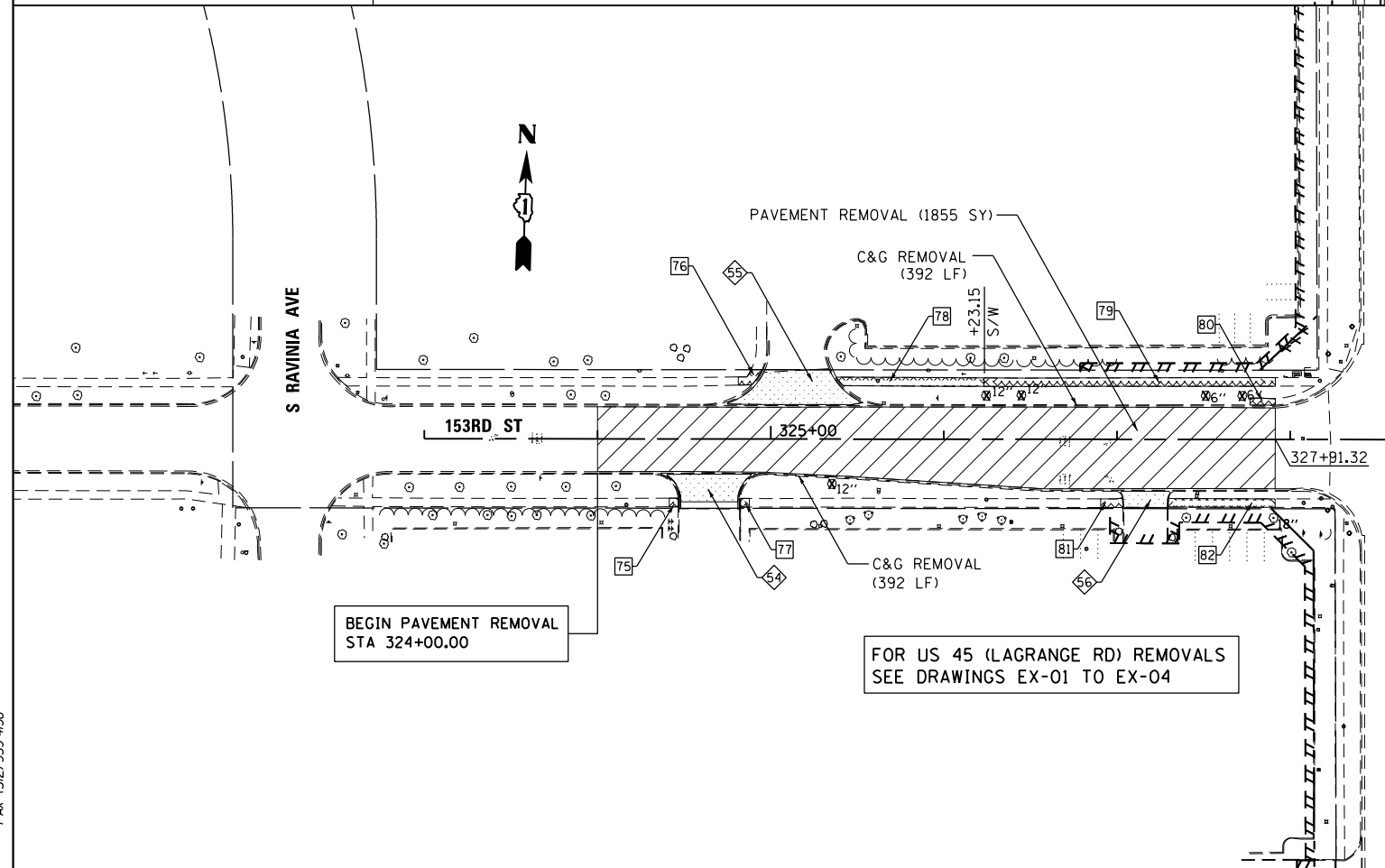
REMOVAL LEGEND

- PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN OR ISLAND REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PARKING LOT PAVEMENT REMOVAL
- TREE REMOVAL (ACRES)
- SELECTIVE CLEARING (S.F.)
- TREE REMOVAL (UNIT DIAMETER)
- TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNNING
- REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED)
- MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY)

FOR US 45 (LAGRANGE RD) REMOVALS SEE DRAWINGS EX-01 TO EX-04

SIDEWALK REMOVAL			
	STA.	STA.	SQ FT
75	324+41.44	324+46.57	26
76	324+81.23	324+94.93	72
77	324+82.59	324+87.75	26
78	325+38.03	326+23.15	411
79	326+23.15	327+91.32	826

DRIVEWAY PAVEMENT REMOVALS			
STATION	AMOUNT	STATION	AMOUNT
324+64 R	67 SY	325+15 LT	119 SY
327+91.32	28 SY	327+03.49	65
-	-	327+29.53	306
-	-	329+48.40	745
-	-	331+00.00	745



NOTES:

- THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
- TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
- IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
- SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.

FOR US 45 (LAGRANGE RD) REMOVALS SEE DRAWINGS EX-01 TO EX-04

100 S. WACKER DR.
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D160M61-SHT-REM05.dgn	USER NAME = Anthony.Plutz	DESIGNED - BFH	REVISED -
PLOT SCALE = 100.000000' / 1" =	CHECKED - MJT	DRAWN - BFH	REVISED -
PLOT DATE = 3/14/2013	DATE - 03/13/2013		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

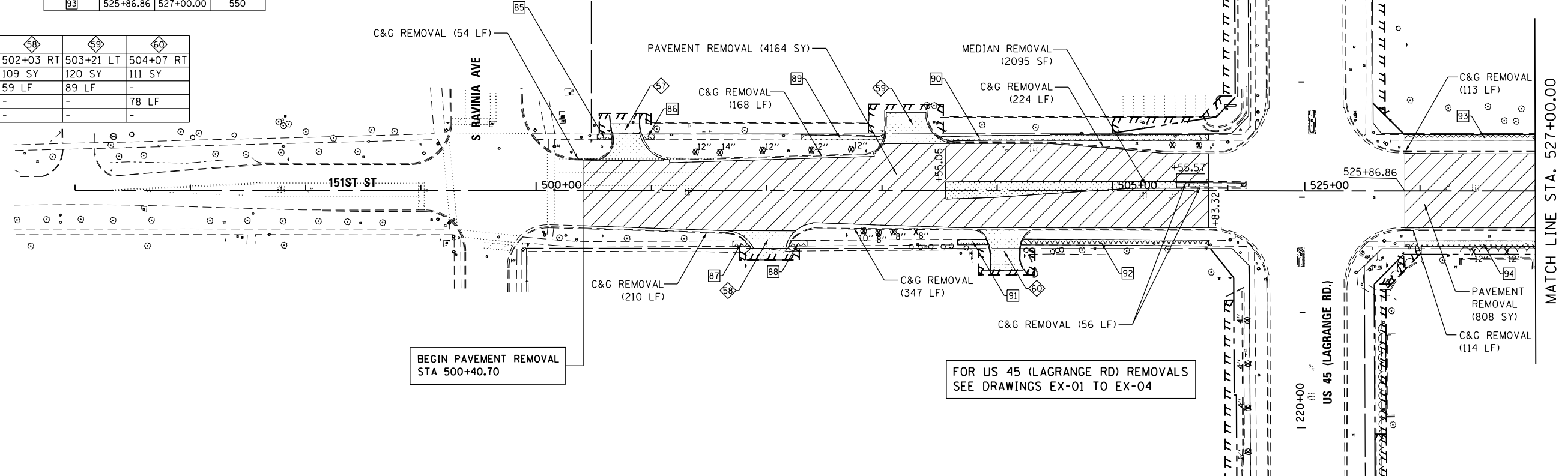
EXISTING PLAN AND REMOVALS - 153RD STREET AND 149TH STREET

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

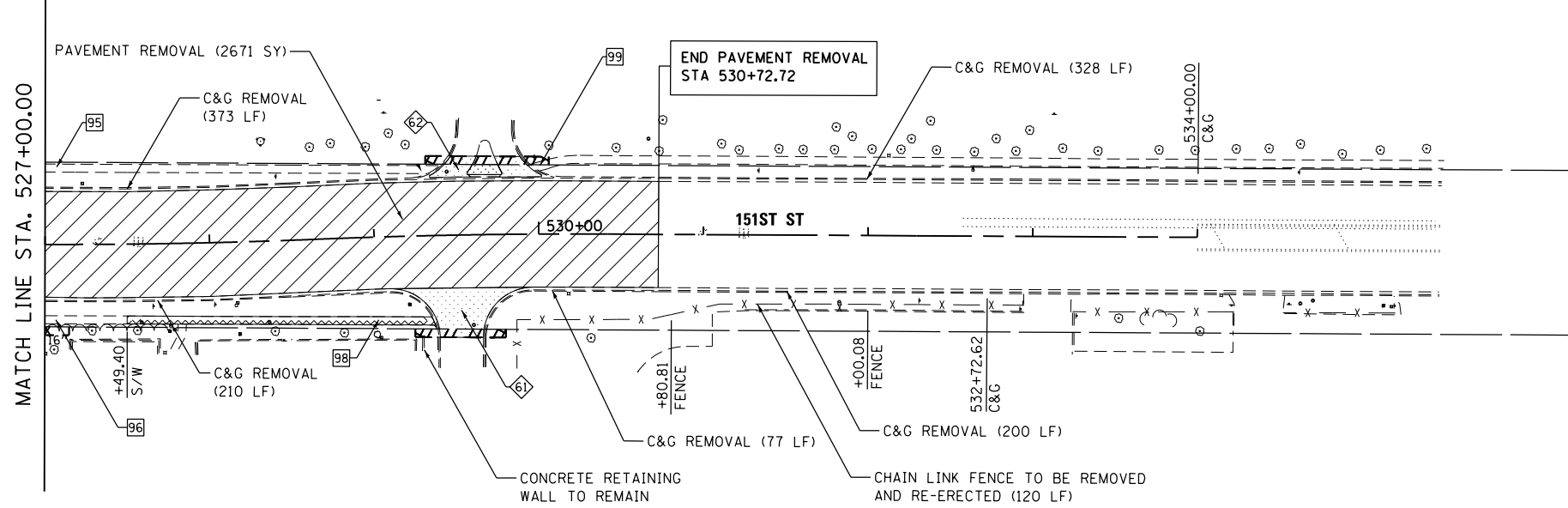
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 49
EX-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SIDEWALK REMOVAL				SIDEWALK REMOVAL				SIDEWALK REMOVAL			
STA.	STA.	SO FT		STA.	STA.	SO FT		STA.	STA.	SO FT	
85	500+52.90	500+65.67	61	89	502+29.92	503+02.14	274	94	525+86.86	527+00.00	568
86	500+91.49	501+02.77	51	90	503+48.70	505+83.32	1058				
87	501+70.65	501+85.13	61	91	503+65.70	503+92.16	121				
88	502+19.66	502+34.93	69	92	504+20.56	505+83.32	795				
				93	525+86.86	527+00.00	550				

DRIVEWAY PAVEMENT REMOVALS				
STATION	500+78 LT	502+03 RT	503+21 LT	504+07 RT
PAVEMENT REMOVAL	110 SY	109 SY	120 SY	111 SY
C&G REMOVAL	70 LF	59 LF	89 LF	-
CURB REMOVAL	16 LF	-	-	78 LF
ISLAND REMOVAL	-	-	-	-



SIDEWALK REMOVAL			DRIVEWAY PAVEMENT REMOVALS		
STA.	STA.	SO FT	STATION	529+53 RT	529+68 LT
95	527+00.00	529+41.16	1156	131 SY	53 SY
96	527+00.00	527+49.40	242	C&G REMOVAL	91 LF
98	527+49.40	529+35.91	898	CURB REMOVAL	-
99	529+96.14	530+06.66	41	ISLAND REMOVAL	-



REMOVAL LEGEND

- PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- PAVED SHOULDER REMOVAL
- MEDIAN OR ISLAND REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PARKING LOT PAVEMENT REMOVAL
- TREE REMOVAL (ACRES)
- SELECTIVE CLEARING (S.F.)
- TREE REMOVAL (UNIT DIAMETER)
- TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNING
- REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED)
- MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY)

- NOTES:**
- THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
 - TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
 - IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
 - SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.

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URS

FILE NAME = D160M61-SHT-REM06.dgn	USER NAME = Anthony.Plutz	DESIGNED - BFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN AND REMOVALS - 151ST STREET			F.A.P. RFE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 50
PLOT SCALE = 1/8" = 1'-0"	CHECKED - MJT	REVISOR -	DATE - 03/13/2013		SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. BEGIN TO STA. END	EX-06		CONTRACT NO. 60M61		
SHT_DOUBLE PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISOR -		ILLINOIS FED. AID PROJECT							

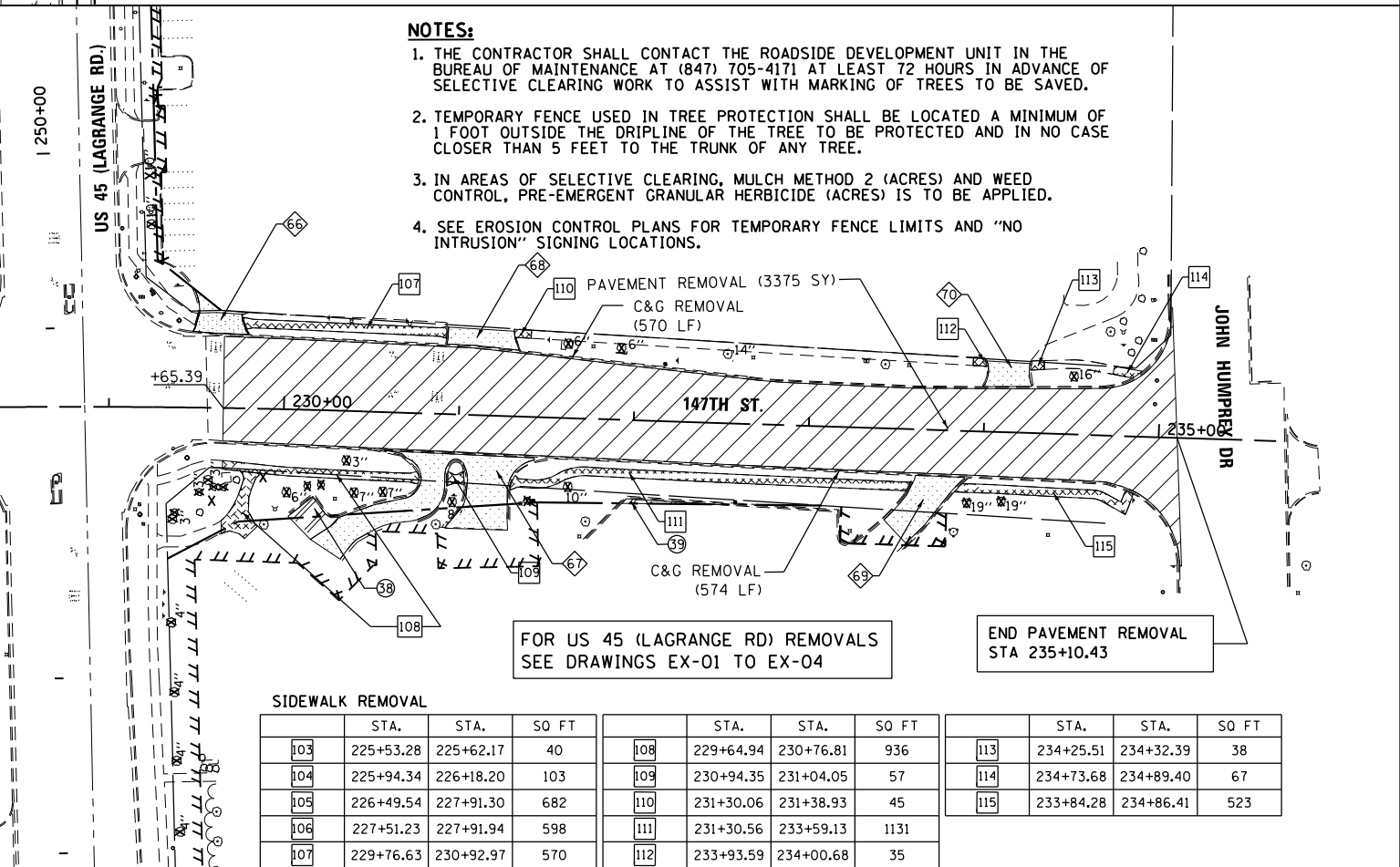
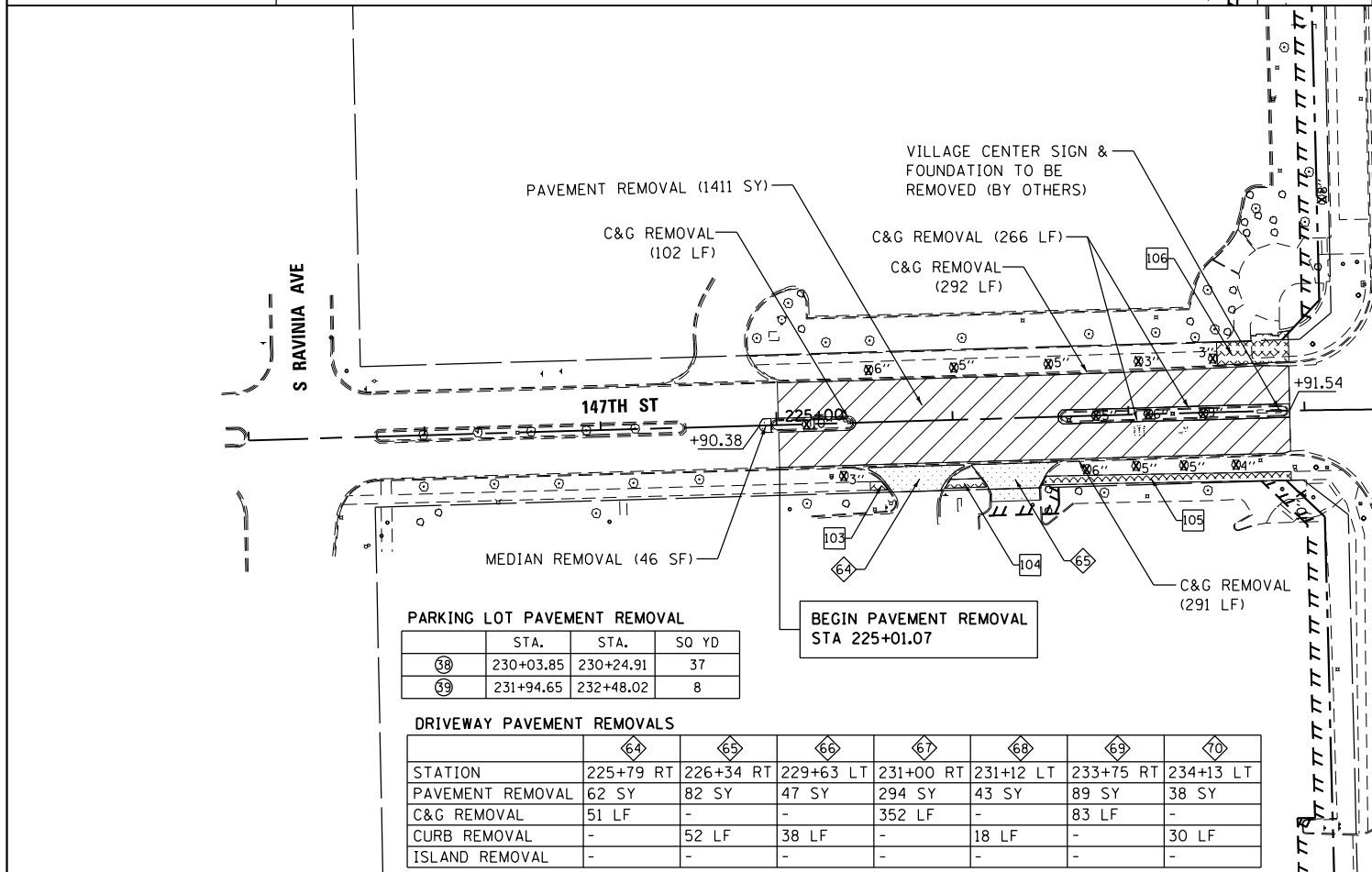
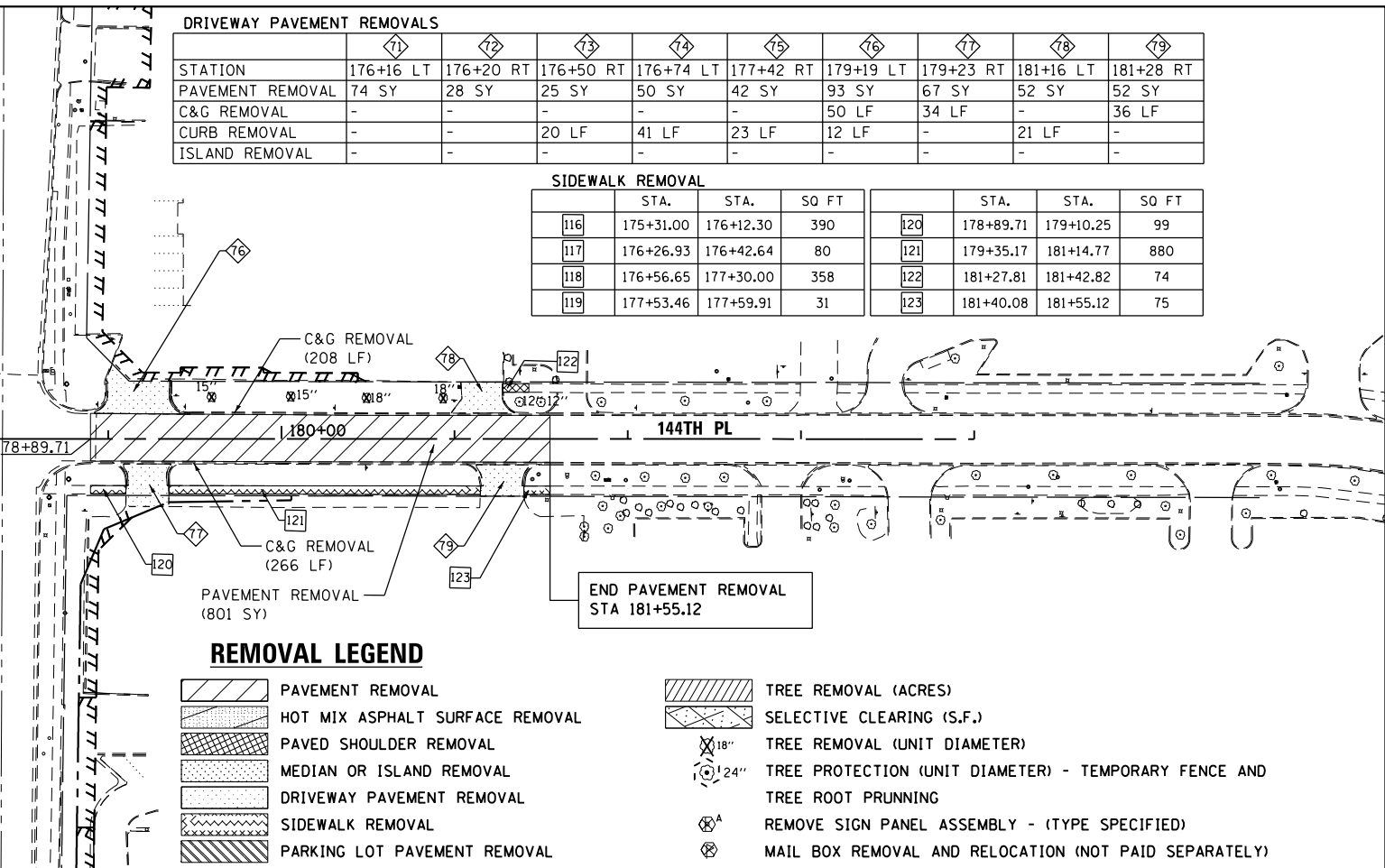
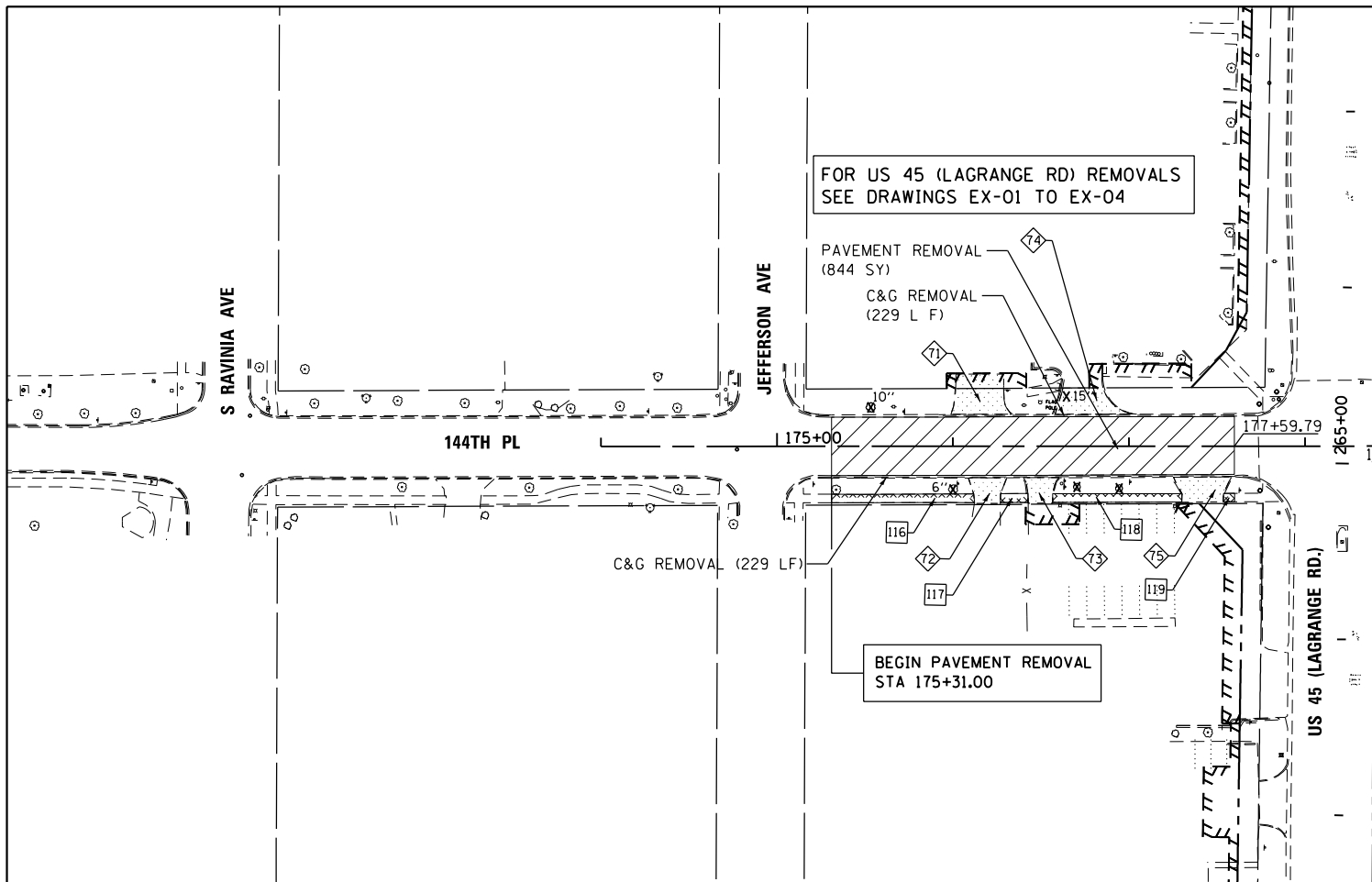
DRIVEWAY PAVEMENT REMOVALS									
	71	72	73	74	75	76	77	78	79
STATION	176+16 LT	176+20 RT	176+50 RT	176+74 LT	177+42 RT	179+19 LT	179+23 RT	181+16 LT	181+28 RT
PAVEMENT REMOVAL	74 SY	28 SY	25 SY	50 SY	42 SY	93 SY	67 SY	52 SY	52 SY
C&G REMOVAL	-	-	-	-	-	50 LF	34 LF	-	36 LF
CURB REMOVAL	-	-	20 LF	41 LF	23 LF	12 LF	-	21 LF	-
ISLAND REMOVAL	-	-	-	-	-	-	-	-	-

SIDEWALK REMOVAL									
	STA.	STA.	SO FT		STA.	STA.	SO FT		STA.
116	175+31.00	176+12.30	390	120	178+89.71	179+10.25	99		
117	176+26.93	176+42.64	80	121	179+35.17	181+14.77	880		
118	176+56.65	177+30.00	358	122	181+27.81	181+42.82	74		
119	177+53.46	177+59.91	31	123	181+40.08	181+55.12	75		

REMOVAL LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL (ACRES)
	HOT MIX ASPHALT SURFACE REMOVAL		SELECTIVE CLEARING (S.F.)
	PAVED SHOULDER REMOVAL		TREE REMOVAL (UNIT DIAMETER)
	MEDIAN OR ISLAND REMOVAL		TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNING
	DRIVEWAY PAVEMENT REMOVAL		REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED)
	SIDEWALK REMOVAL		MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY)
	PARKING LOT PAVEMENT REMOVAL		

- NOTES:**
1. THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
 2. TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
 3. IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
 4. SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.



PARKING LOT PAVEMENT REMOVAL

	STA.	STA.	SO YD
68	230+03.85	230+24.91	37
69	231+94.65	232+48.02	8

DRIVEWAY PAVEMENT REMOVALS

	64	65	66	67	68	69	70
STATION	225+79 RT	226+34 RT	229+63 LT	231+00 RT	231+12 LT	233+75 RT	234+13 LT
PAVEMENT REMOVAL	62 SY	82 SY	47 SY	294 SY	43 SY	89 SY	38 SY
C&G REMOVAL	51 LF	-	-	352 LF	-	83 LF	-
CURB REMOVAL	-	52 LF	38 LF	-	18 LF	-	30 LF
ISLAND REMOVAL	-	-	-	-	-	-	-

SIDEWALK REMOVAL

	STA.	STA.	SO FT		STA.	STA.	SO FT
103	225+53.28	225+62.17	40	108	229+64.94	230+76.81	936
104	225+94.34	226+18.20	103	109	230+94.35	231+04.05	57
105	226+49.54	227+91.30	682	110	231+30.06	231+38.93	45
106	227+51.23	227+91.94	598	111	231+30.56	233+59.13	1131
107	229+76.63	230+92.97	570	112	233+93.59	234+00.68	35

	STA.	STA.	SO FT
113	234+25.51	234+32.39	38
114	234+73.68	234+89.40	67
115	233+84.28	234+86.41	523

100 S. WACKER DR.
10TH FLOOR
CHICAGO, IL 60606
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FAX (312) 939-4998



FILE NAME = D160M61-SHT-REM07.dgn	USER NAME = Anthony.Plutz	DESIGNED - BFH	REVISED -
		DRAWN - BFH	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS - 147TH STREET AND 144TH PLACE

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. BEGIN TO STA. END



F.A.P. R.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 51
EX-07		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

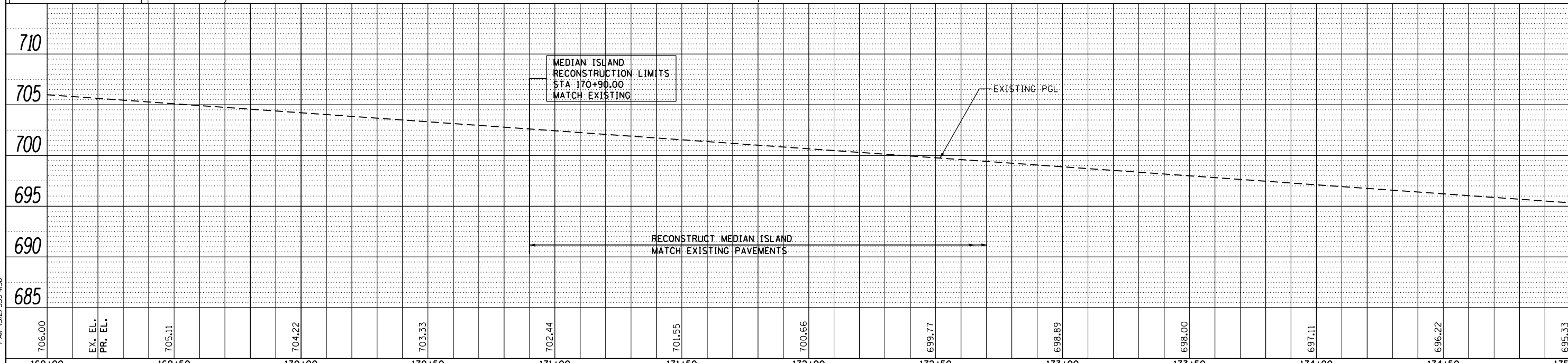
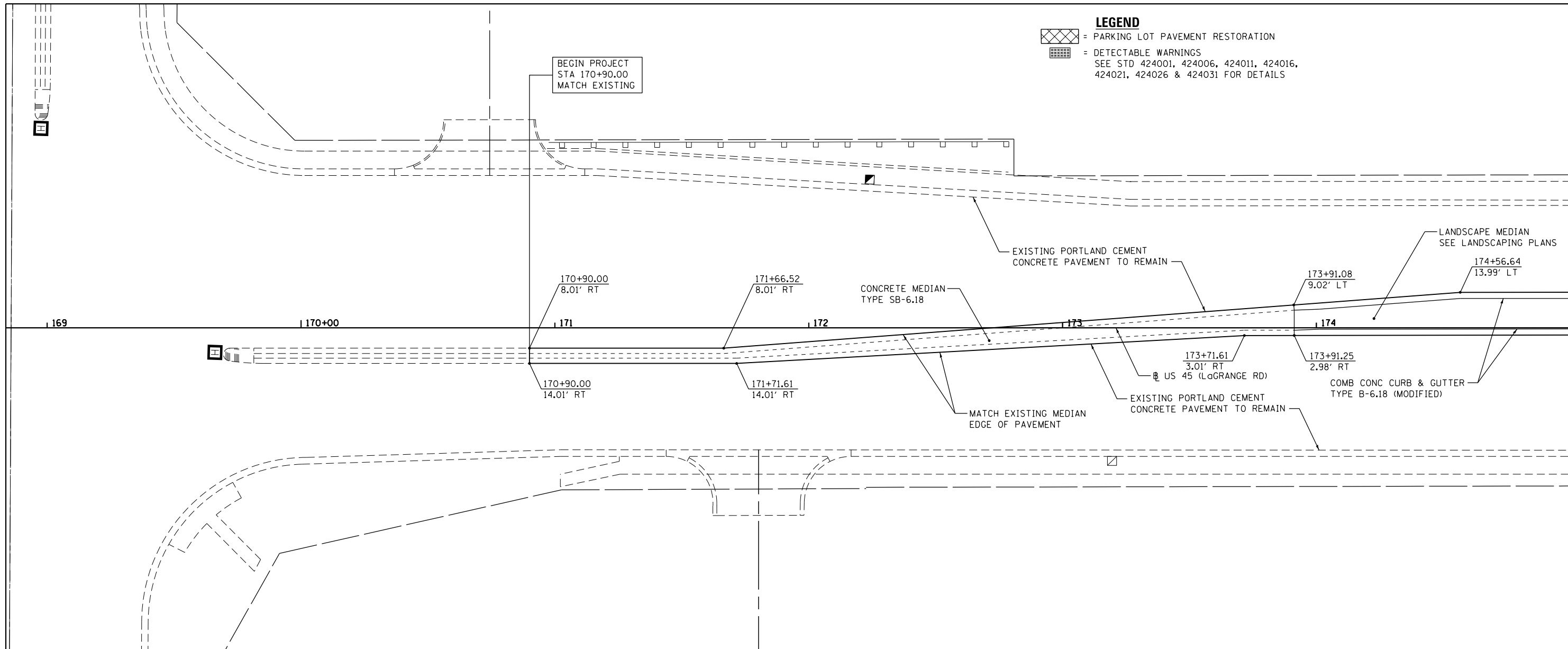
PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 339-4000
FAX (312) 339-4098

URS

LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS



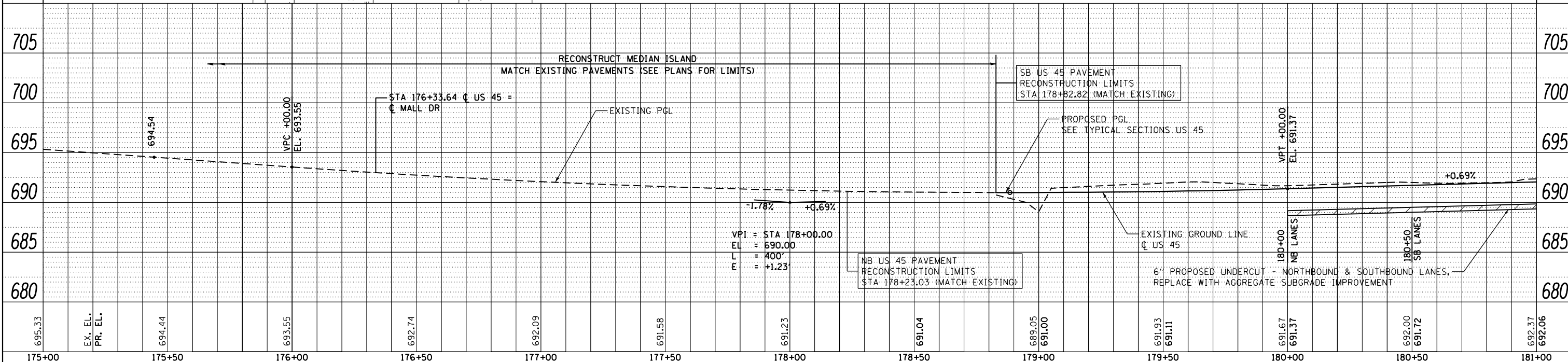
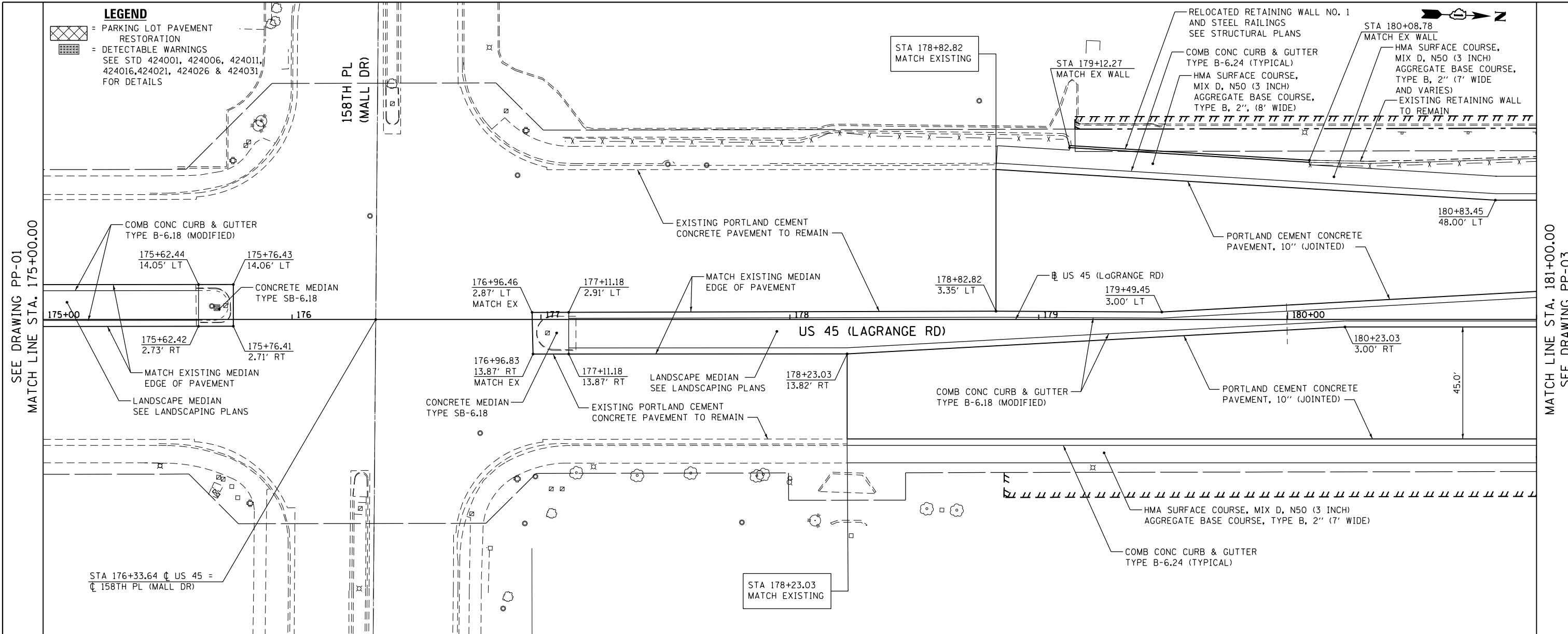
FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D160M61-SHT-PLNPRF01.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	52	
		CHECKED - MJT	REVISED -			PP-01		CONTRACT NO. 60M61			
SHT_PLNPRF URBAN		DATE - 03/13/2013	REVISED -			SCALE: 1"=20'H; 1"=5'V SHEET 1 OF 18 SHEETS STA. BEGIN TO STA. 175+00.00		ILLINOIS FED. AID PROJECT			

MATCH LINE STA. 175+00.00
SEE DRAWING PP-02

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	APPROVED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	APPROVED	
	FILE NAME	
	NO.	

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
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FAX (312) 329-4098



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF02.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

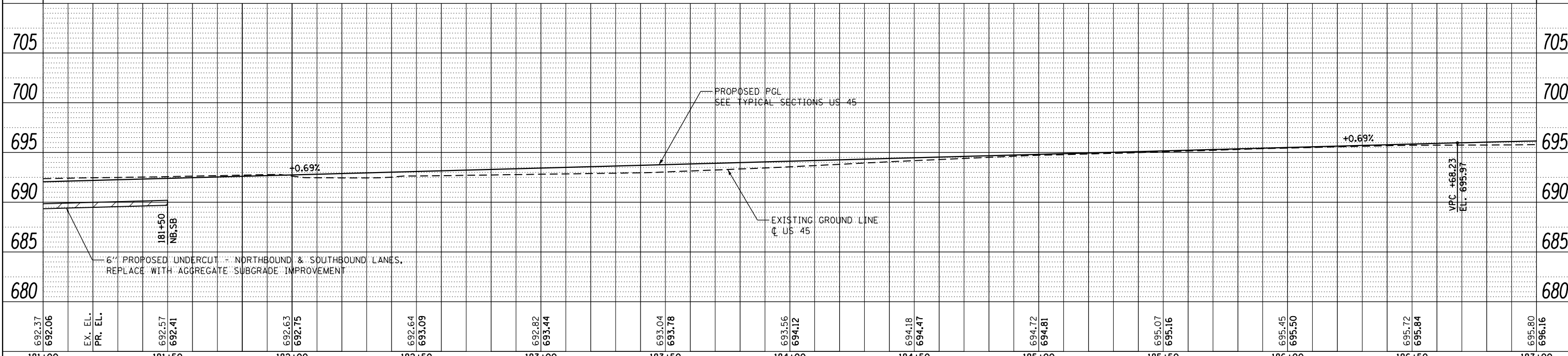
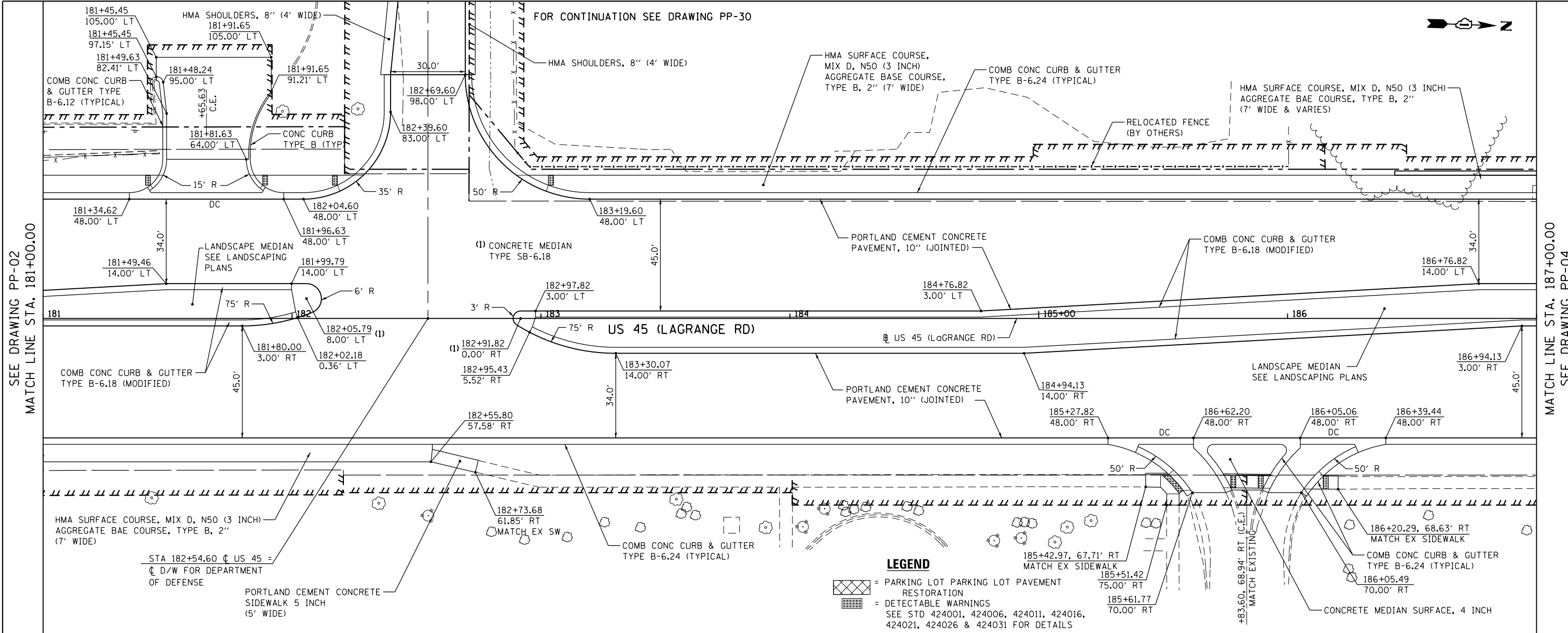
SCALE: 1"=20'H, 1"=5' SHEET 2 OF 18 SHEETS STA. 175+00.00 TO STA. 181+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	53
PP-02		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	NOTED
	ALIGNED
	CHECKED
	FILED
	NO.

DATE	
BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4000



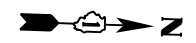
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		CHECKED - MJT	REVISED -
SHT_PLNPRF URBAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H; 1"=5' SHEET 3 OF 18 SHEETS STA. 181+00.00 TO STA. 187+00.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	54
PP-03		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



LEGEND

- = PAVEMENT RESTORATION
- = DETECTABLE WARNINGS
SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

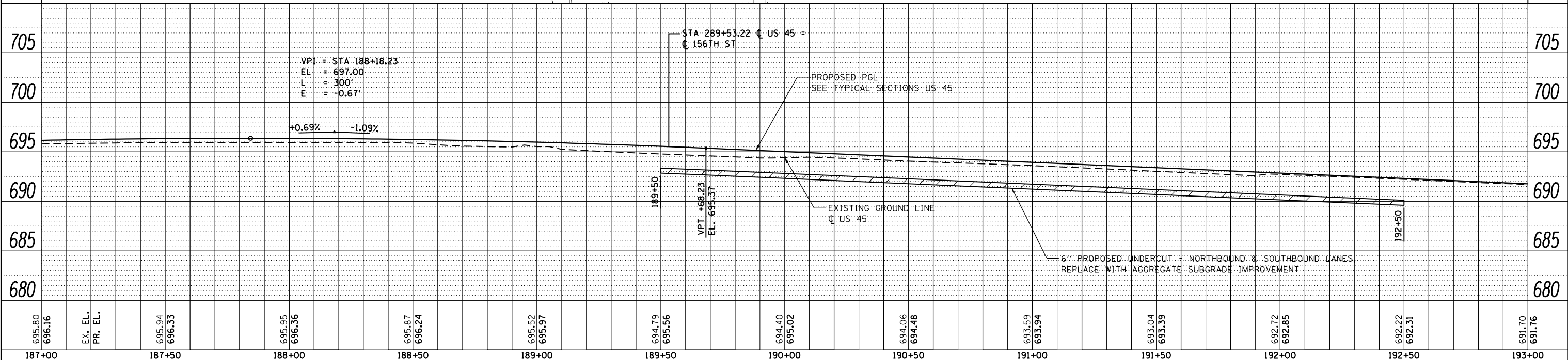
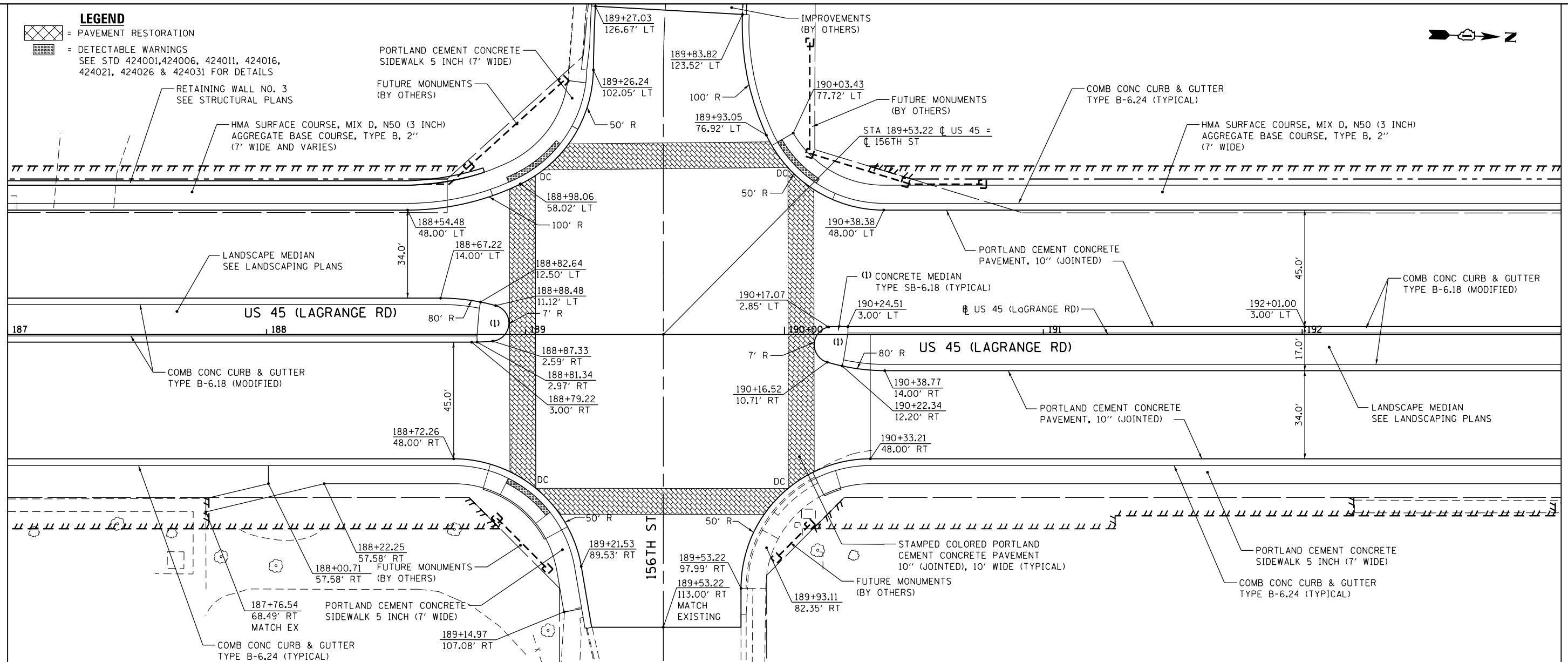
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 539-4900
FAX (312) 539-4998

URS

SEE DRAWING PP-03
MATCH LINE STA. 187+00.00

MATCH LINE STA. 193+00.00
SEE DRAWING PP-05



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF04.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)
SCALE: 1"=20'H; 1"=5' SHEET 4 OF 18 SHEETS STA. 187+00.00 TO STA. 193+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	55
PP-04		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

LEGEND

- = PAVEMENT RESTORATION
 - = DETECTABLE WARNINGS
- SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

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

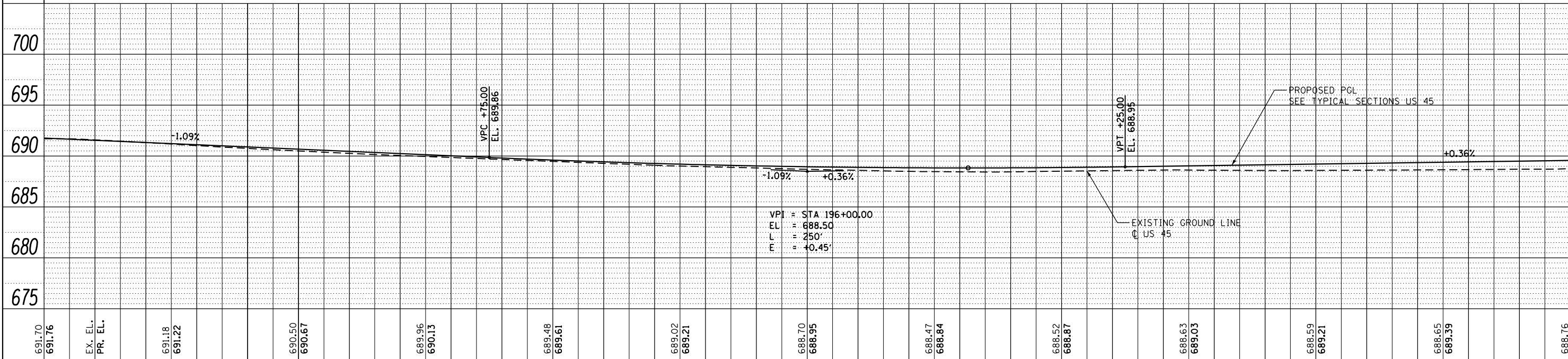
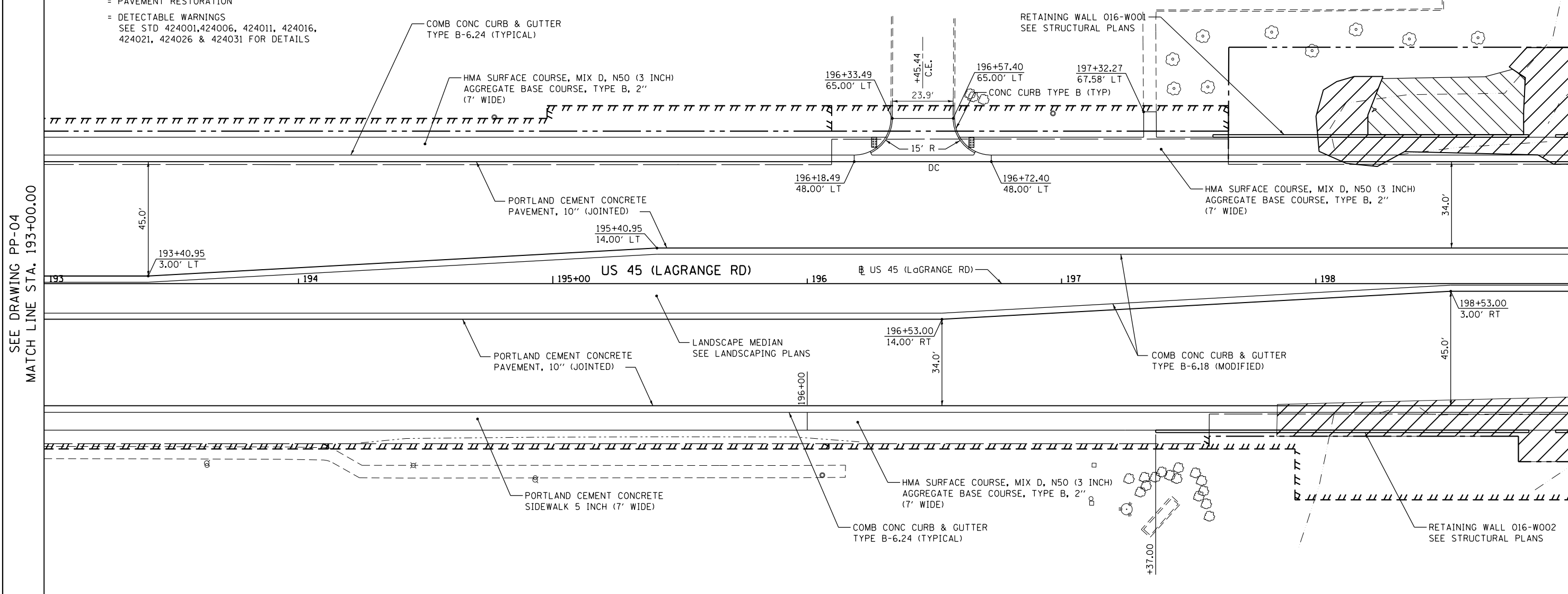
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4098

URS

SEE DRAWING PP-04
MATCH LINE STA. 193+00.00

MATCH LINE STA. 199+00.00
SEE DRAWING PP-06



193+00	193+50	194+00	194+50	195+00	195+50	196+00	196+50	197+00	197+50	198+00	198+50	199+00
691.70 691.76	691.18 691.22	690.50 690.67	689.96 690.13	689.48 689.61	689.02 689.21	688.70 688.95	688.47 688.84	688.52 688.87	688.63 689.03	688.59 689.21	688.65 689.39	688.76 689.57

FILE NAME = D160M61-SHT-PLNPRF05.dgn
SHT_PLNPRF URBAN

USER NAME = Frank.Stallone
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/15/2013

DESIGNED - JTF
DRAWN - JTF
CHECKED - MJT
DATE - 03/13/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)
SCALE: 1"=20'H; 1"=5'V SHEET 5 OF 18 SHEETS STA. 193+00.00 TO STA. 199+00.00

F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	56
PP-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

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

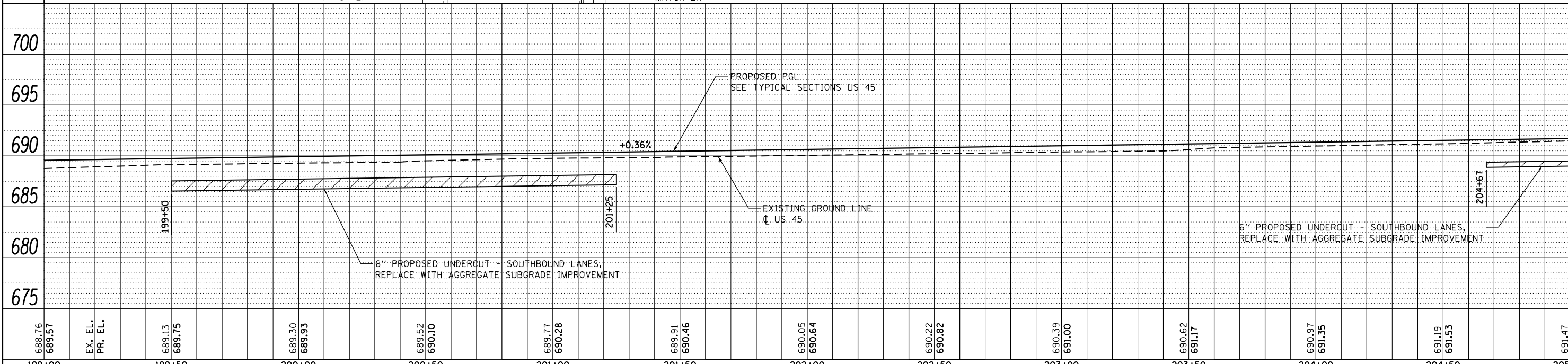
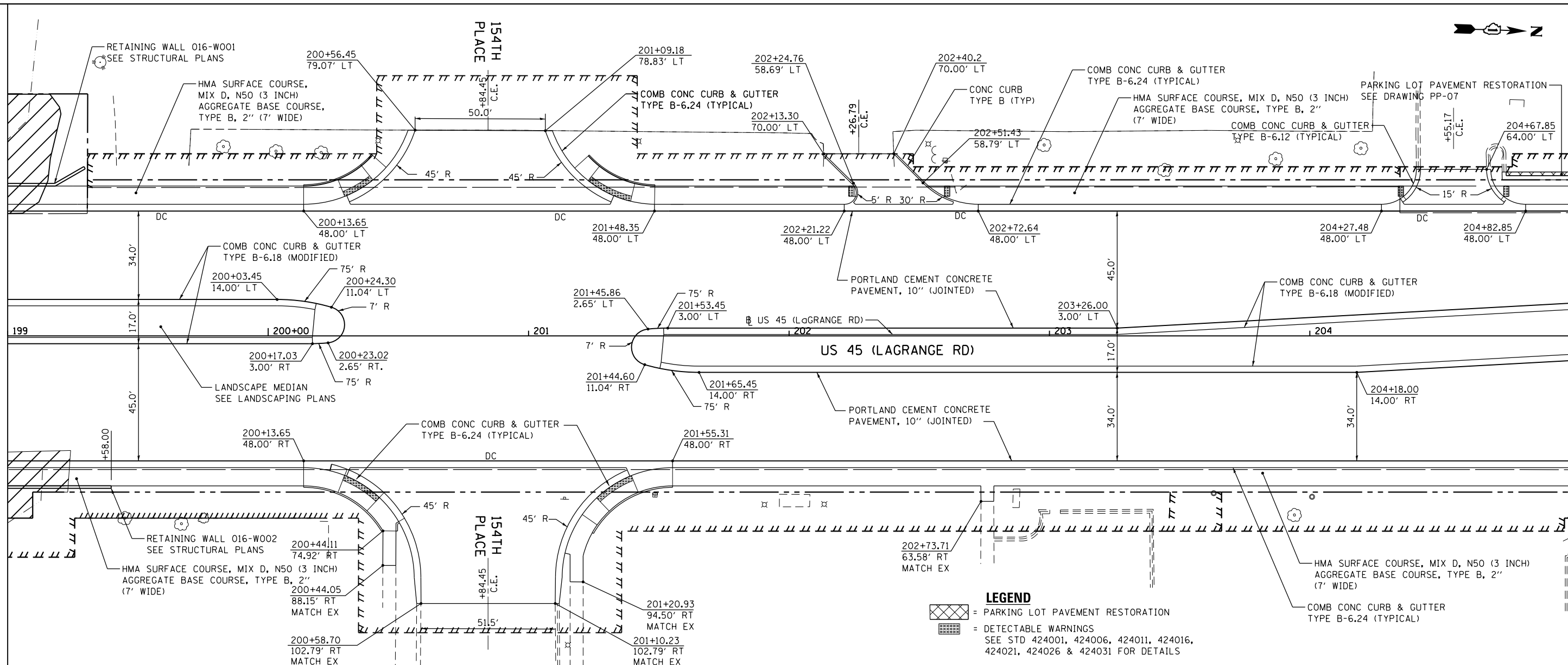
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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FAX (312) 329-4098



SEE DRAWING PP-05
MATCH LINE STA. 199+00.00

MATCH LINE STA. 205+00.00
SEE DRAWING PP-07



688.76 689.57	EX. EL. PR. EL.	689.13 689.75	689.30 689.93	689.52 690.10	689.77 690.28	689.91 690.46	690.05 690.64	690.22 690.82	690.39 691.00	690.62 691.17	690.97 691.35	691.19 691.53	691.47 691.71
199+00		199+50	200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00

FILE NAME = D160M61-SHT-PLNPRF06.dgn
SHT_PLNPRF URBAN

USER NAME = Frank.Stallone
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/15/2013

DESIGNED - JTF
DRAWN - JTF
CHECKED - MJT
DATE - 03/13/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)
SCALE: 1"=20'H; 1"=5' SHEET 6 OF 18 SHEETS STA. 199+00.00 TO STA. 205+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	57
PP-06		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

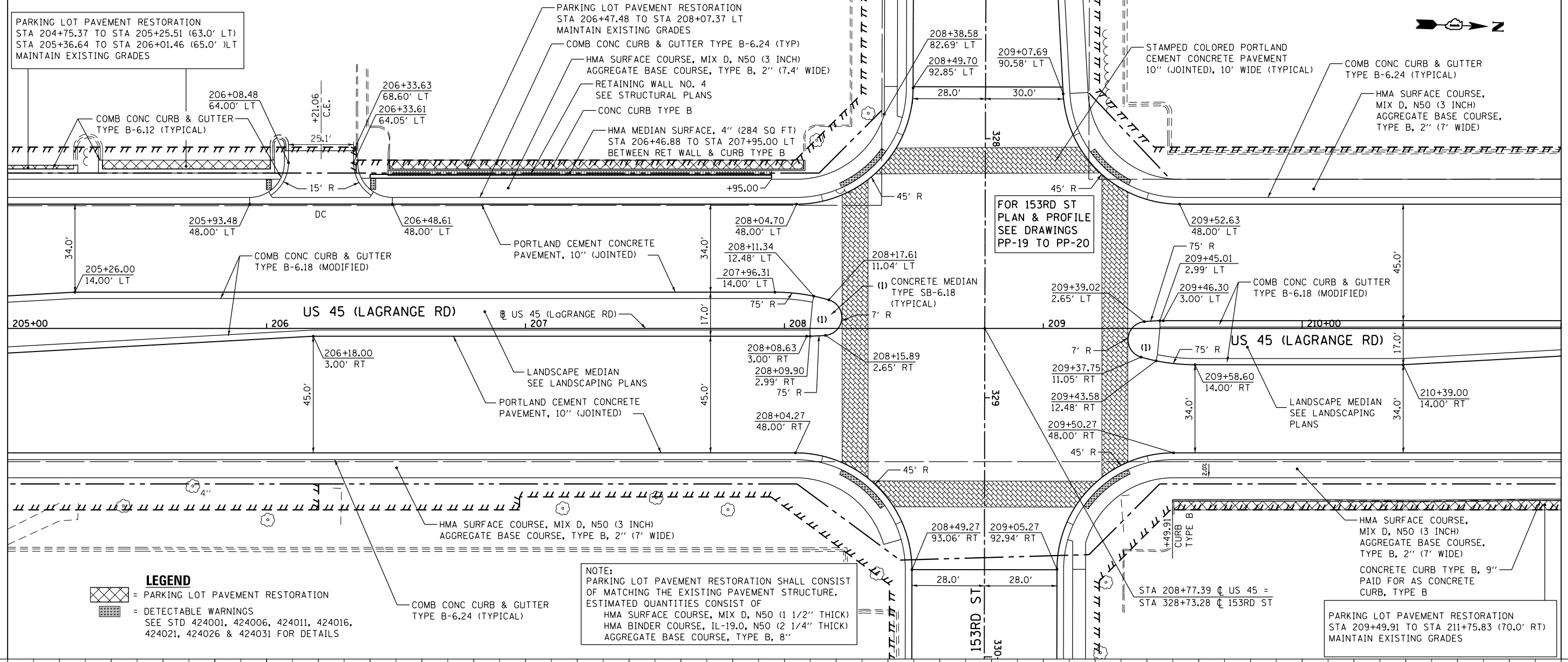
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.
	NO.
	NO.
	NO.
	NO.
	NO.

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

URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 867-0000
 FAX: (312) 939-4999

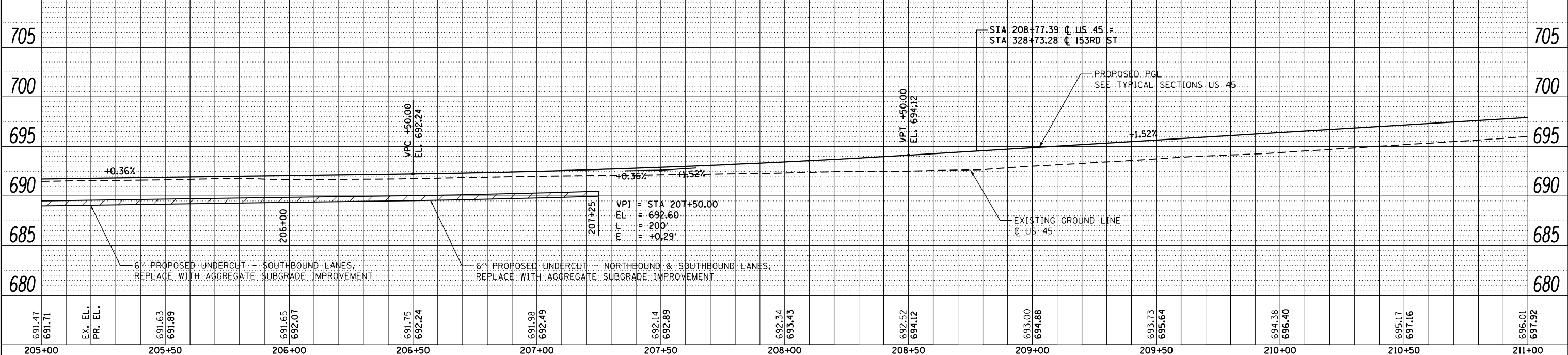
SEE DRAWING PP-06
 MATCH LINE STA. 205+00.00

MATCH LINE STA. 211+00.00
 SEE DRAWING PP-08



LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

NOTE:
 PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
 HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
 HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
 AGGREGATE BASE COURSE, TYPE B, 8"



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF07.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H; 1"=5' SHEET 7 OF 18 SHEETS STA. 205+00.00 TO STA. 211+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	58
PP-07		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE
	NOTATIONS CHKD
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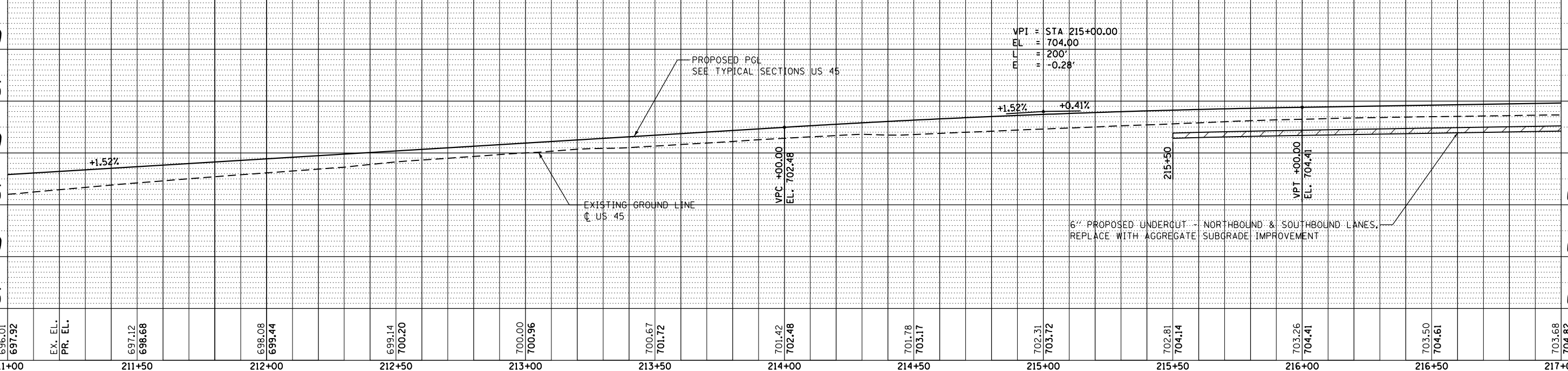
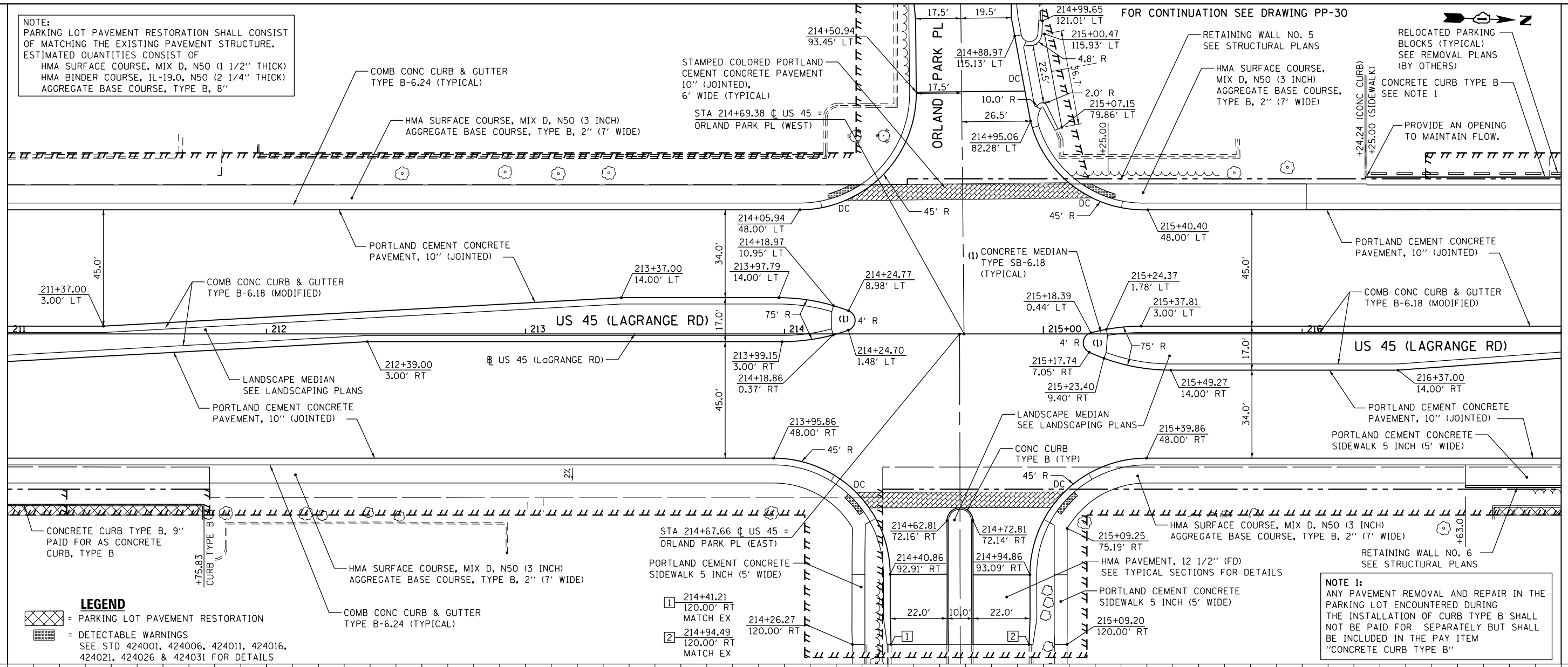
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 353-4999
FAX (312) 353-4998

URS

NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

SEE DRAWING PP-07
MATCH LINE STA. 211+00.00

MATCH LINE STA. 217+00.00
SEE DRAWING PP-09



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-PLNPRF08.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	59
PLOT SCALE = 48.0000' / in.		CHECKED - MJT	REVISED -			PP-08		CONTRACT NO. 60M61		
PLOT DATE = 3/15/2013		DATE - 03/13/2013	REVISED -			SCALE: 1"=20'H; 1"=5'V		SHEET 8 OF 18 SHEETS		STA. 211+00.00 TO STA. 217+00.00

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

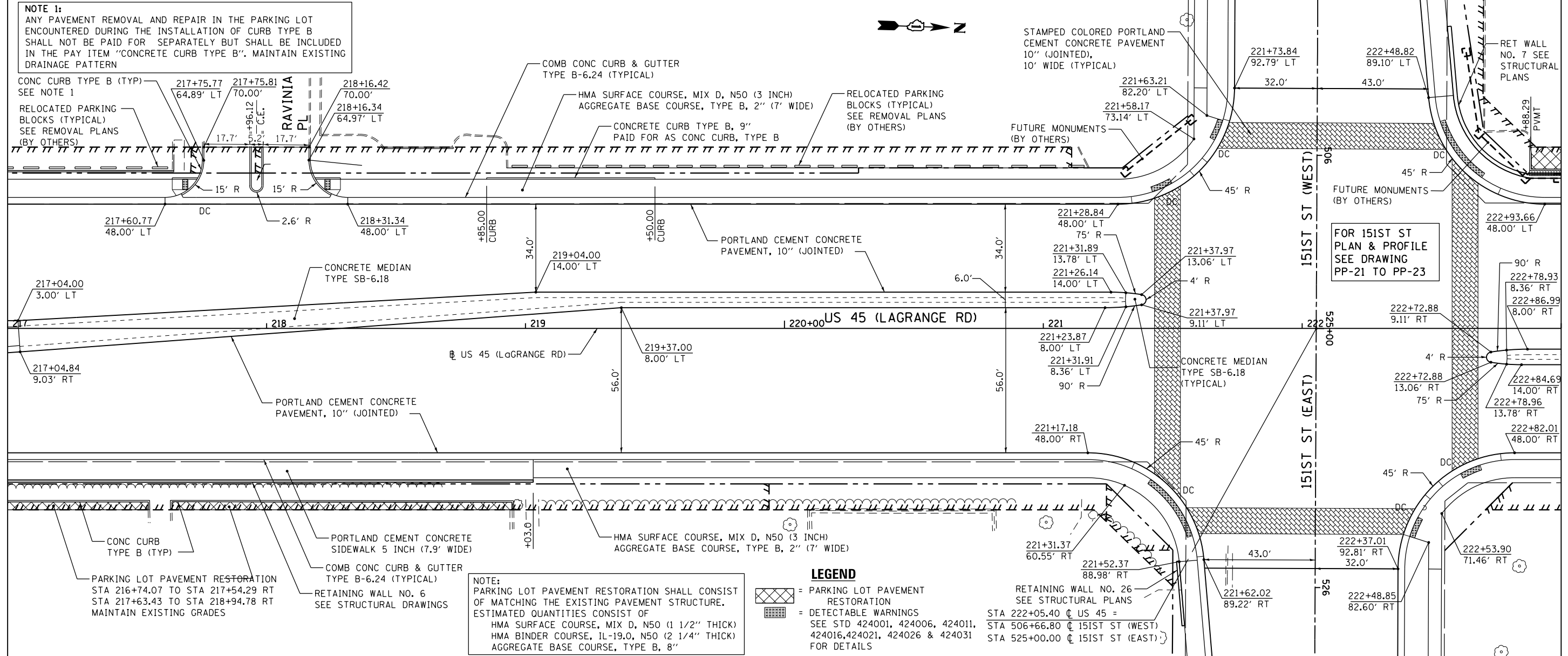
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	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
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100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 539-4000
FAX (312) 539-4098



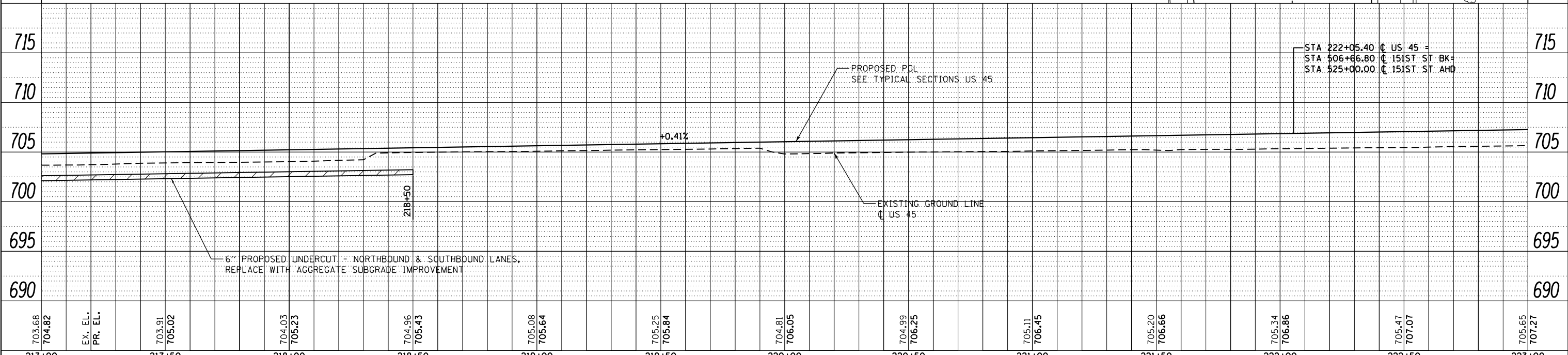
NOTE 1:
ANY PAVEMENT REMOVAL AND REPAIR IN THE PARKING LOT ENCOUNTERED DURING THE INSTALLATION OF CURB TYPE B SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM "CONCRETE CURB TYPE B". MAINTAIN EXISTING DRAINAGE PATTERN

SEE DRAWING PP-08
MATCH LINE STA. 217+00.00



NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS
 = RETAINING WALL NO. 26 SEE STRUCTURAL PLANS
 STA 222+05.40 @ US 45 =
 STA 506+66.80 @ 151ST ST (WEST)
 STA 525+00.00 @ 151ST ST (EAST)



MATCH LINE STA. 223+00.00
SEE DRAWING PP-10

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF09.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
SHT_PLNPRF_URBAN		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H; 1"=5' SHEET 9 OF 18 SHEETS STA. 217+00.00 TO STA. 223+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	60
PP-09		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

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

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

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4098

URS

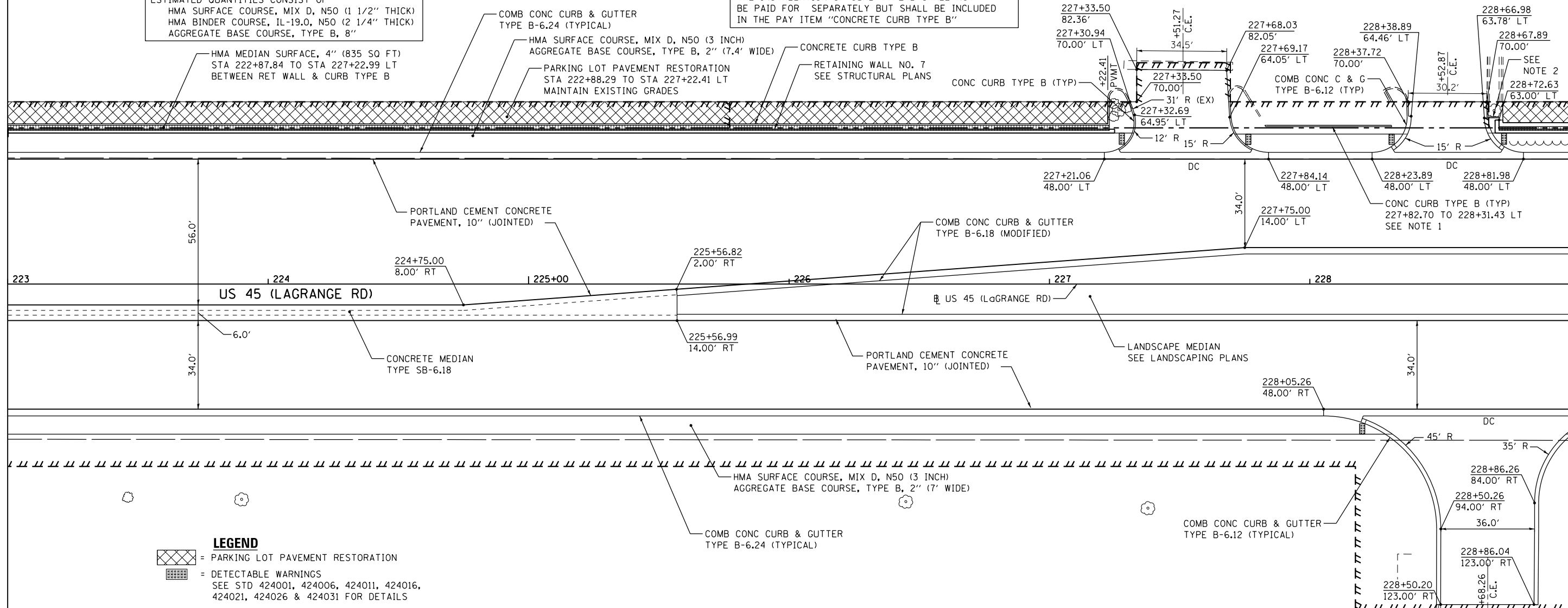
SEE DRAWING PP-09
MATCH LINE STA. 223+00.00

MATCH LINE STA. 229+00.00
SEE DRAWING PP-11

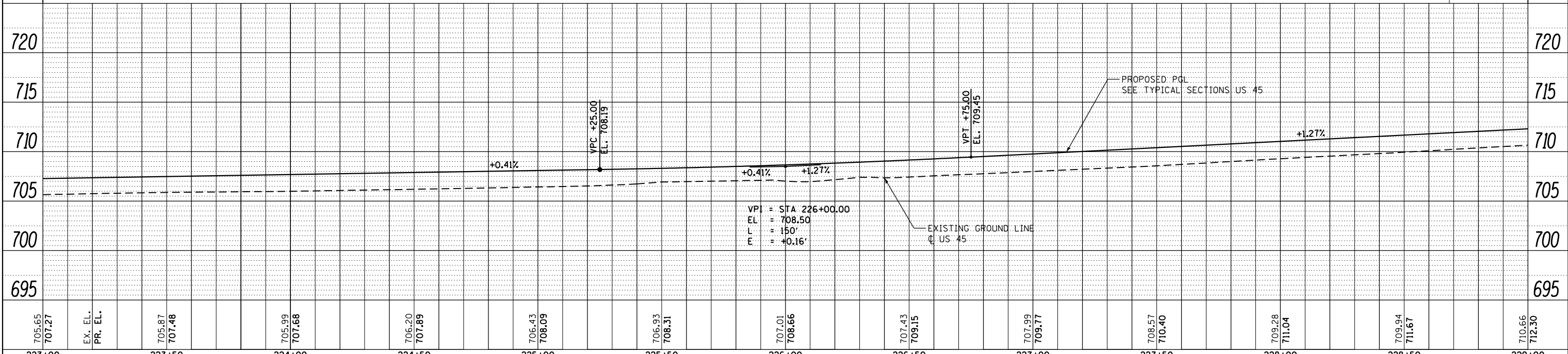
NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

NOTE 1:
ANY PAVEMENT REMOVAL AND REPAIR IN THE PARKING LOT ENCOUNTERED DURING THE INSTALLATION OF CURB TYPE B SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM "CONCRETE CURB TYPE B"

NOTE 2:
RECONNECT PLANTER WALL TO EXISTING CURB & GUTTER PAID FOR AS COMB CONCRETE CURB & GUTTER TYPE B-6.12



LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS



705.65 707.27	EX. EL. PR. EL.	705.87 707.48	705.99 707.68	706.20 707.89	706.43 708.09	706.93 708.31	707.01 708.66	707.43 709.15	707.99 709.77	708.57 710.40	709.28 711.04	709.94 711.67	710.66 712.30
223+00		223+50	224+00	224+50	225+00	225+50	226+00	226+50	227+00	227+50	228+00	228+50	229+00

FILE NAME =
D160M61-SHT-PLNPRF10.dgn
SHT_PLNPRF URBAN

USER NAME = Frank.Stallone
DESIGNED - JTF
DRAWN - JTF
CHECKED - MJT
DATE - 03/13/2013

REVISIONS
 REVISION NO. | DATE | BY | DESCRIPTION
 1 | | | |
 2 | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

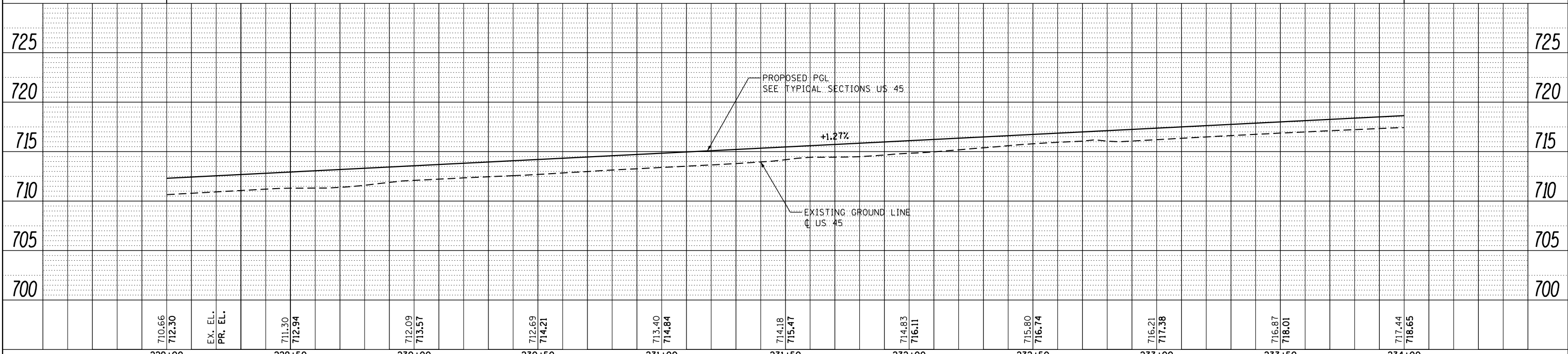
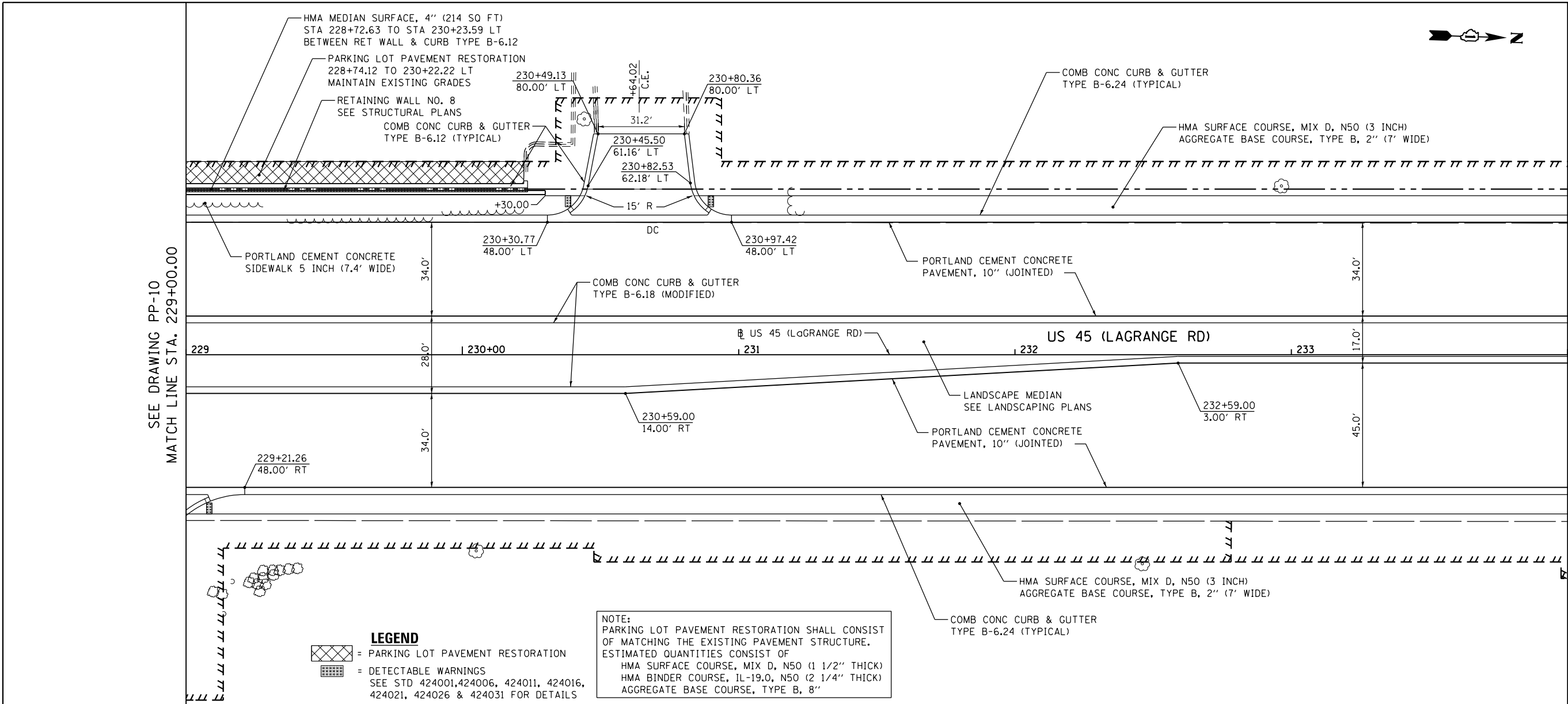
PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20'H; 1"=5' | SHEET 10 OF 18 SHEETS | STA. 223+00.00 TO STA. 229+00.00

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 61
PP-10		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NO.	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
NO.	CHPND	

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
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FAX (312) 539-4098

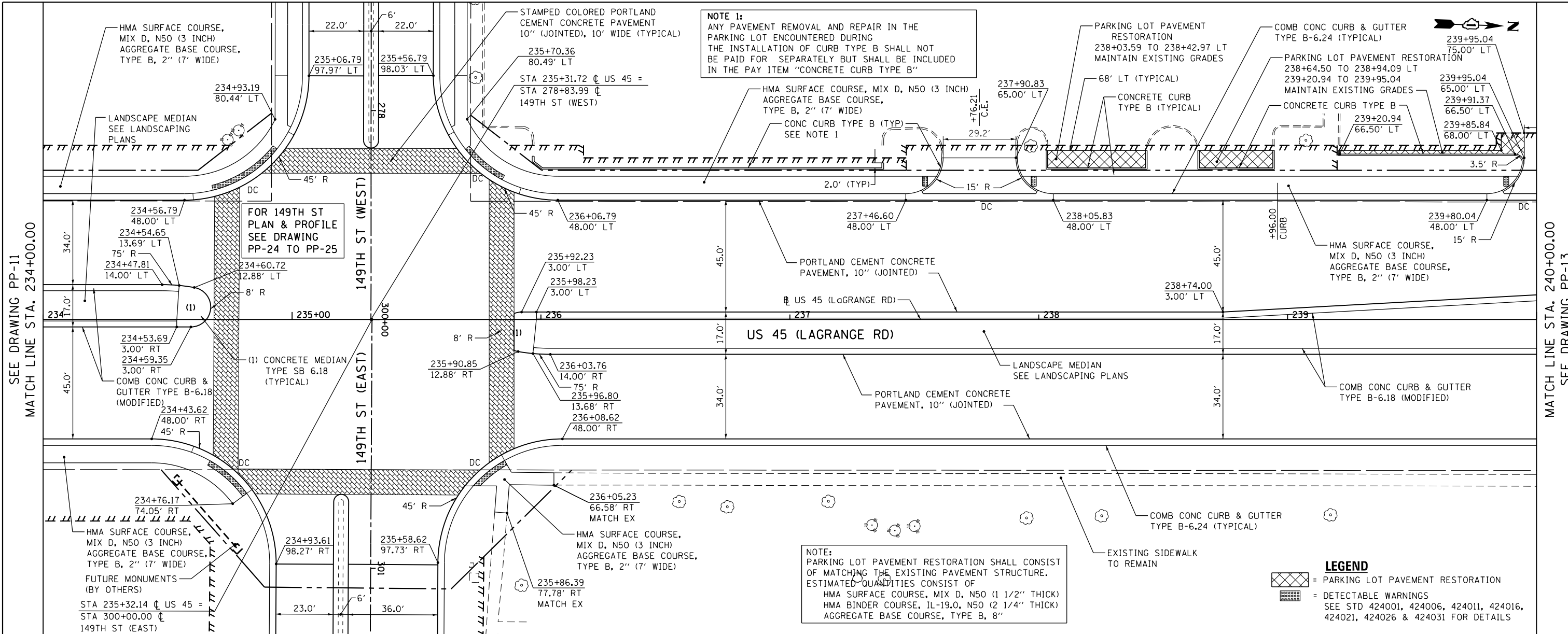


FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD) SCALE: 1"=20'H; 1"=5' SHEET 11 OF 18 SHEETS STA. 229+00.00 TO STA. 234+00.00	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 62
D160M61-SHT-PLNPRF11.dgn	PLOT SCALE = 40.0000' / in.	CHECKED - MJT	REVISED -			CONTRACT NO. 60M61				
SHT_PLNPRF URBAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	NOTED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO.

DATE	
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PROFILE	SURVEYED
	NOTED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHD
	NO.

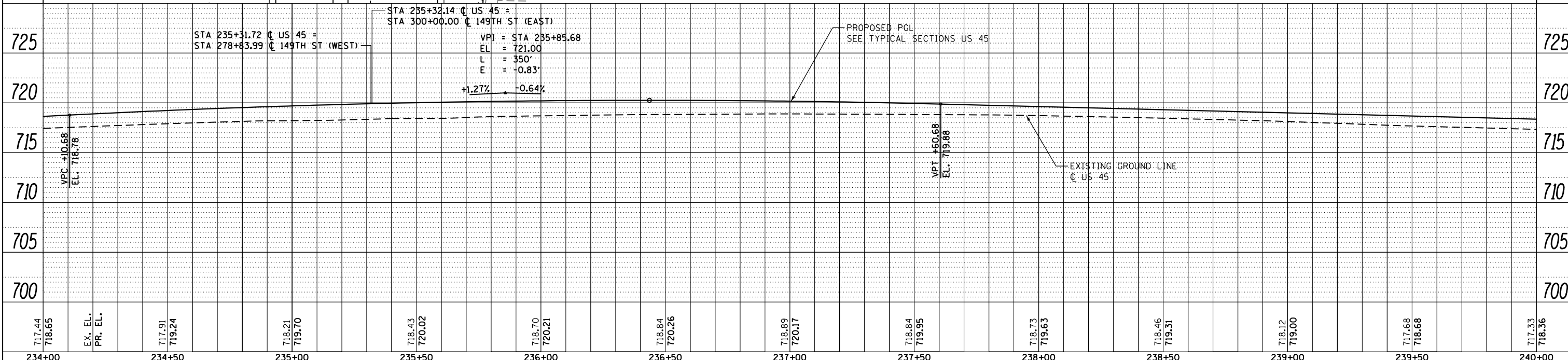
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4098



NOTE 1:
ANY PAVEMENT REMOVAL AND REPAIR IN THE PARKING LOT ENCOUNTERED DURING THE INSTALLATION OF CURB TYPE B SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM "CONCRETE CURB TYPE B"

NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF:
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, 1L-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

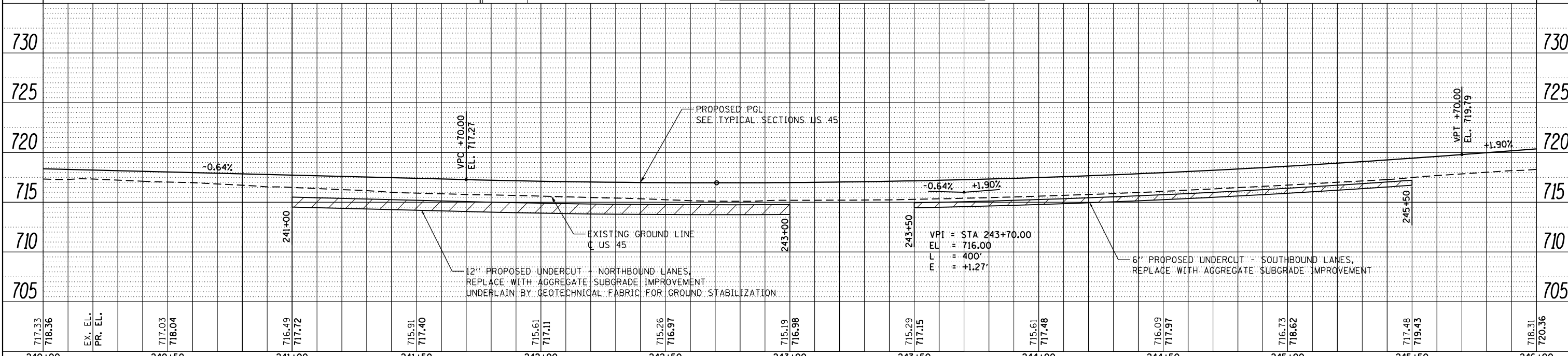
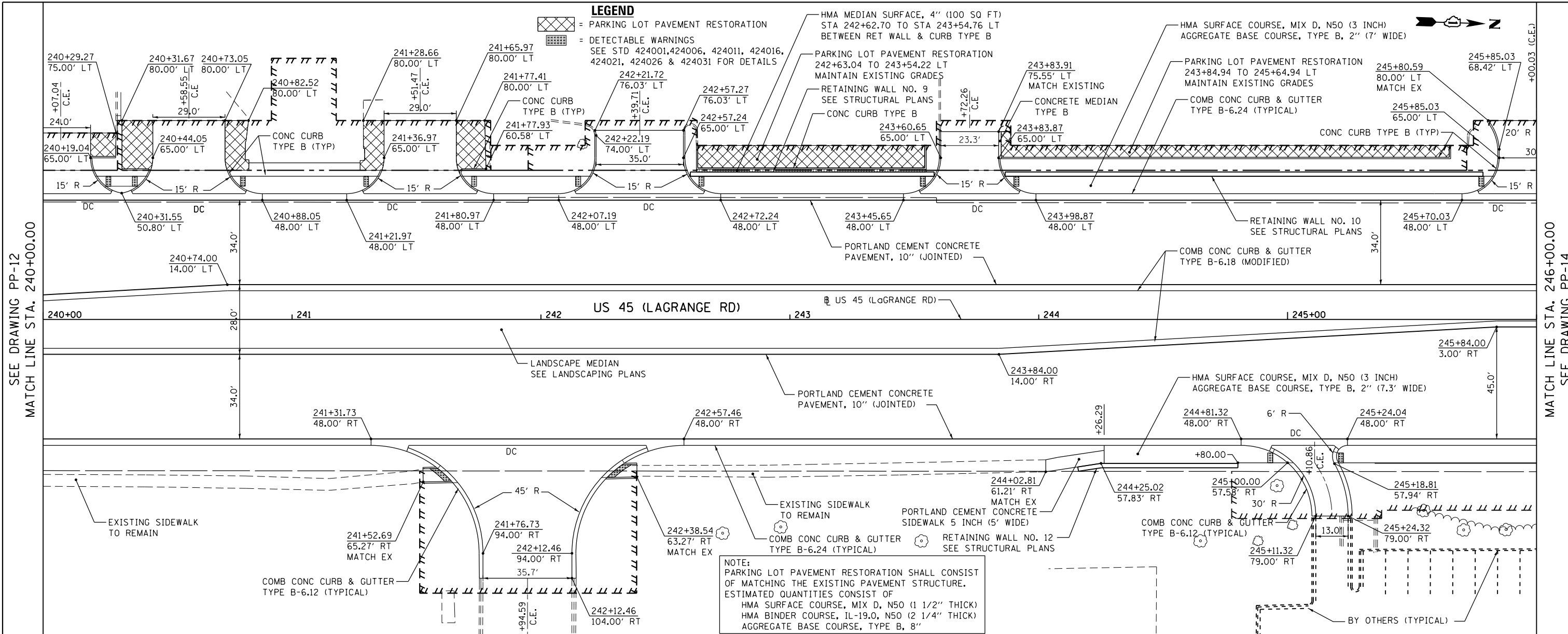


FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD) SCALE: 1"=20'H; 1"=5' SHEET 12 OF 18 SHEETS STA. 234+00.00 TO STA. 240+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-PLNPRF12.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	63
PLOT SCALE = 48.0000' / in.		CHECKED - MJT	REVISED -			PP-12		CONTRACT NO. 60M61		
SHT_PLNPRF URBAN		DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	
	BY	

100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4000



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF13.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
SHT_PLNPRF URBAN		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H/1"=5' SHEET 13 OF 18 SHEETS STA. 240+00.00 TO STA. 246+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	64
PP-13		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

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

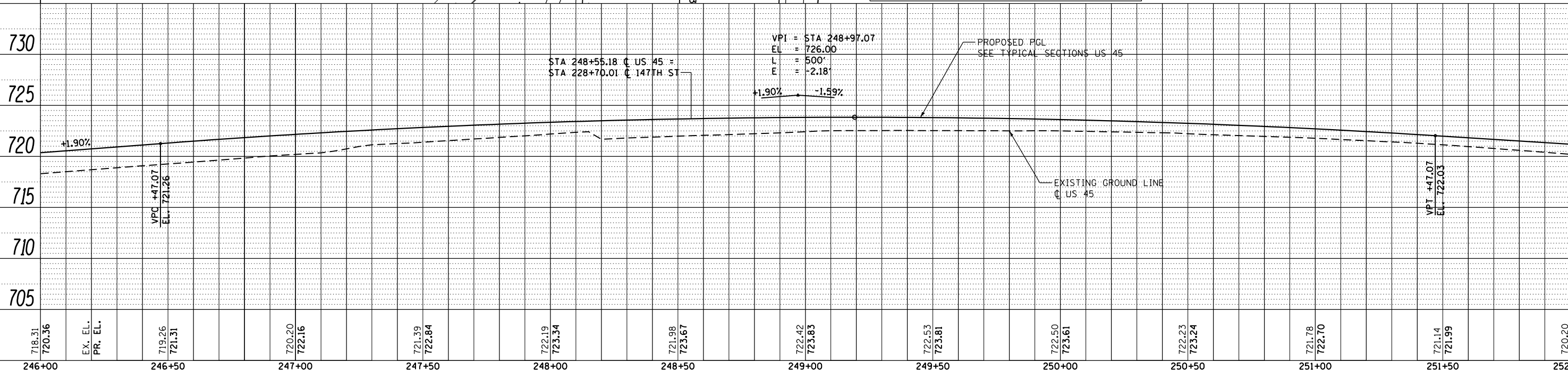
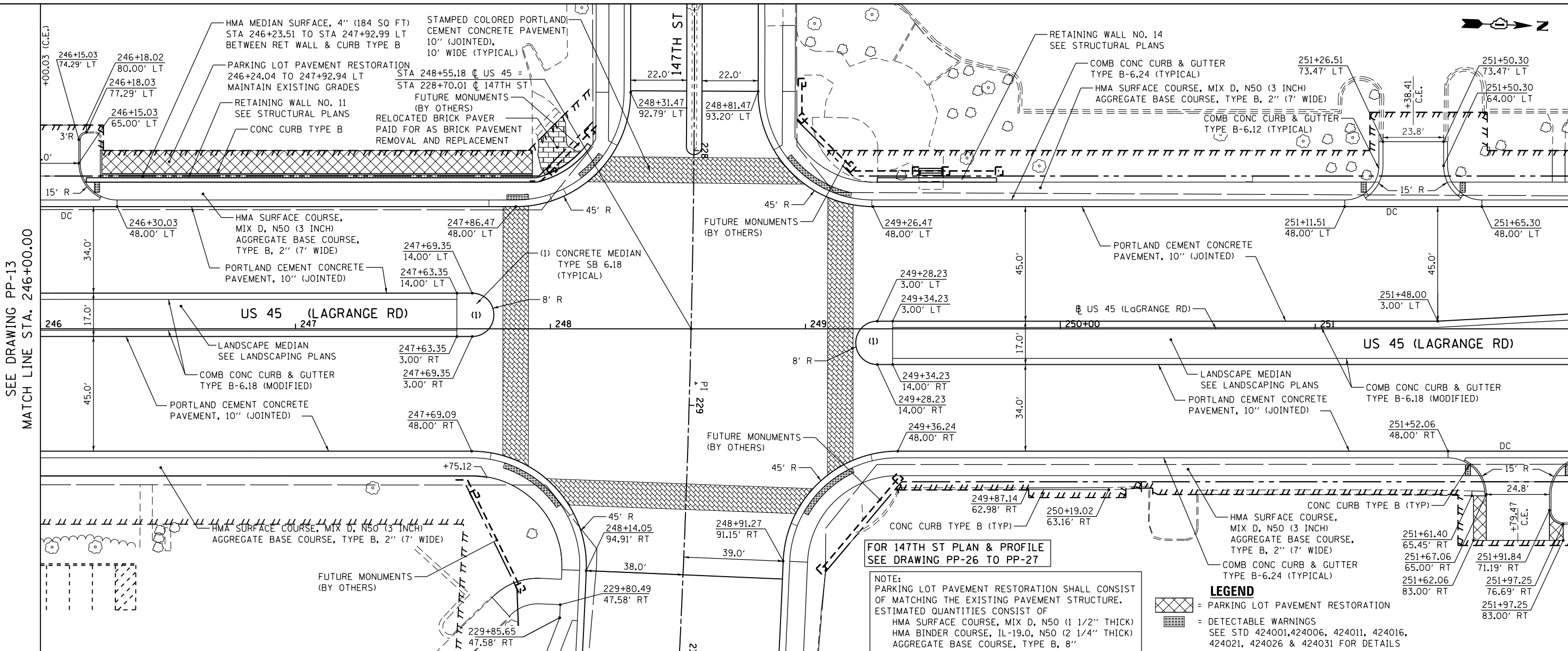
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	

100 S. WACKER DR.
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FAX (312) 939-4998

URS

SEE DRAWING PP-13
MATCH LINE STA. 246+00.00

MATCH LINE STA. 252+00.00
SEE DRAWING PP-15



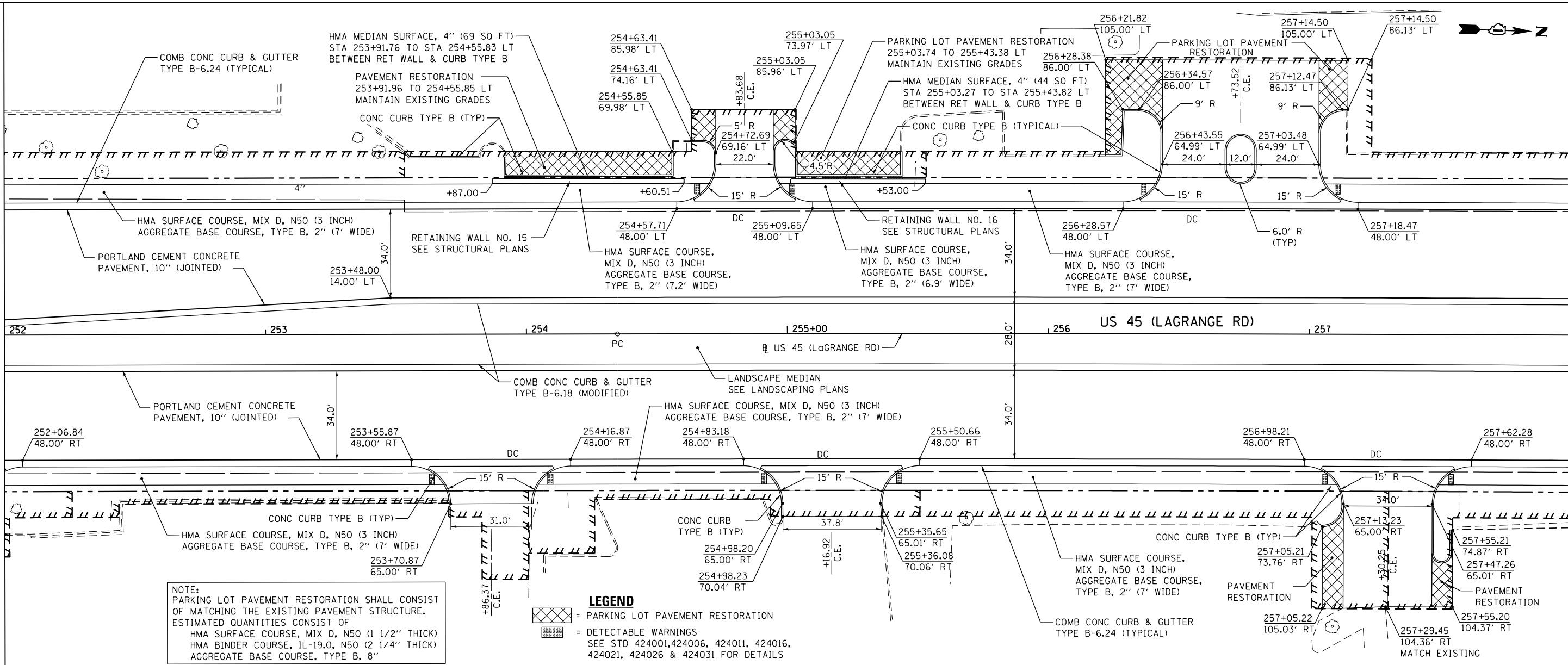
FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD) SCALE: 1"=20'H; 1"=5'V SHEET 14 OF 18 SHEETS STA. 246+00.00 TO STA. 252+00.00	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-PLNPRF14.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	65
PLOT SCALE = 48.0000' / in.		CHECKED - MJT	REVISED -			PP-14		CONTRACT NO. 60M61		
SHT_PLNPROF_URBAN		DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO.	

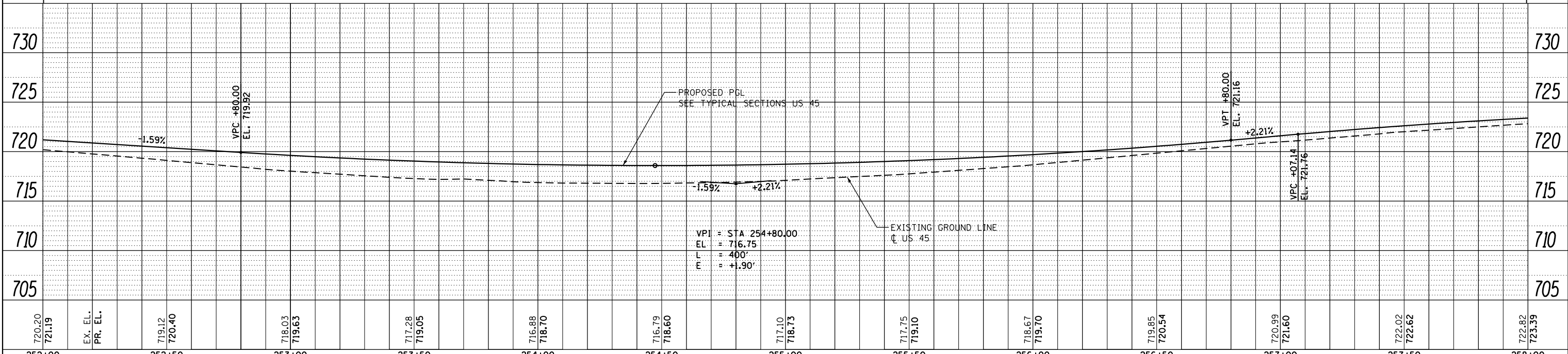
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 329-4000
FAX (312) 329-4098

SEE DRAWING PP-14
MATCH LINE STA. 252+00.00



NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS



FILE NAME = D160M61-SHT-PLNPRF15.dgn	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)	F.A.P. R.T.E. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 66	
PLOT SCALE = 48.0000' / in.	CHECKED - MJT	REVISIONS -	SCALE: 1"=20'H/1"=5'V			SHEET 15 OF 18 SHEETS	STA. 252+00.00 TO STA. 258+00.00	PP-15		CONTRACT NO. 60M61	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/15/2013	DATE = 03/13/2013	REVISIONS -									

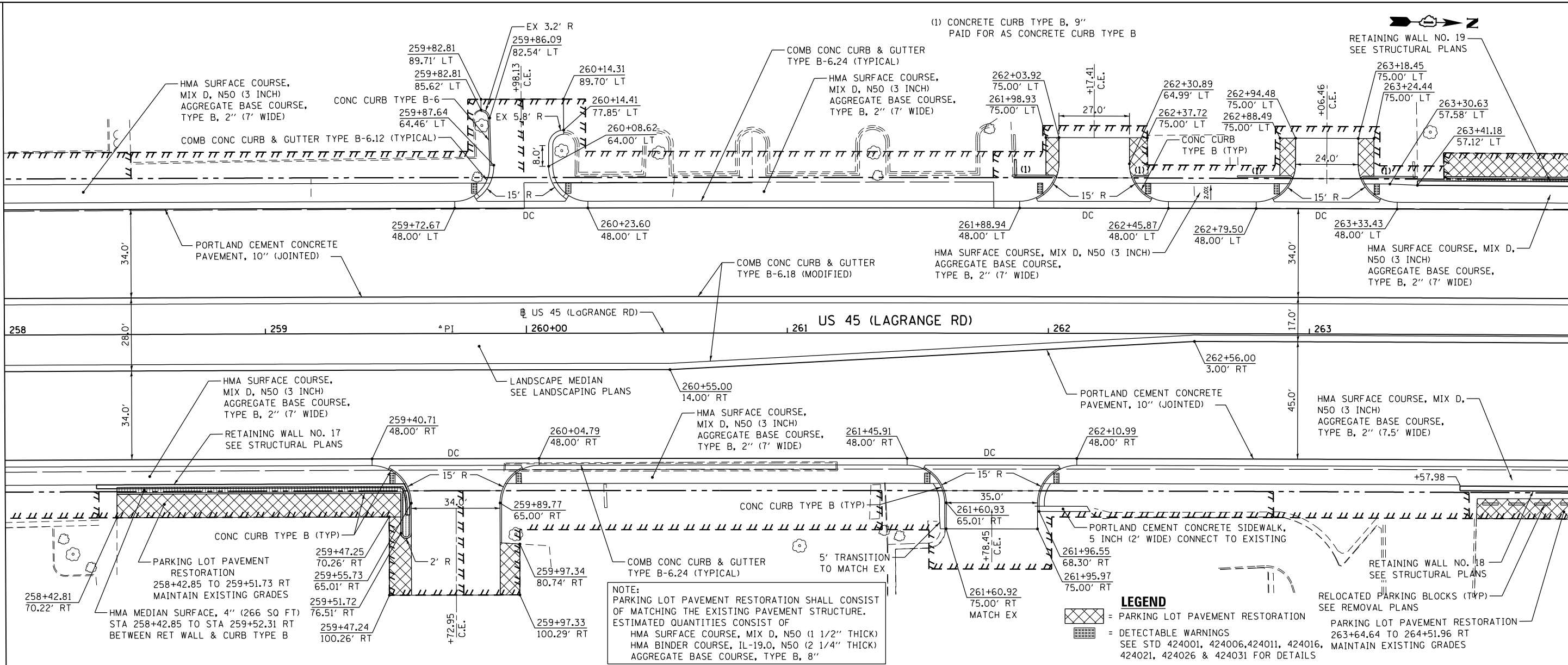
MATCH LINE STA. 258+00.00
SEE DRAWING PP-16

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO.

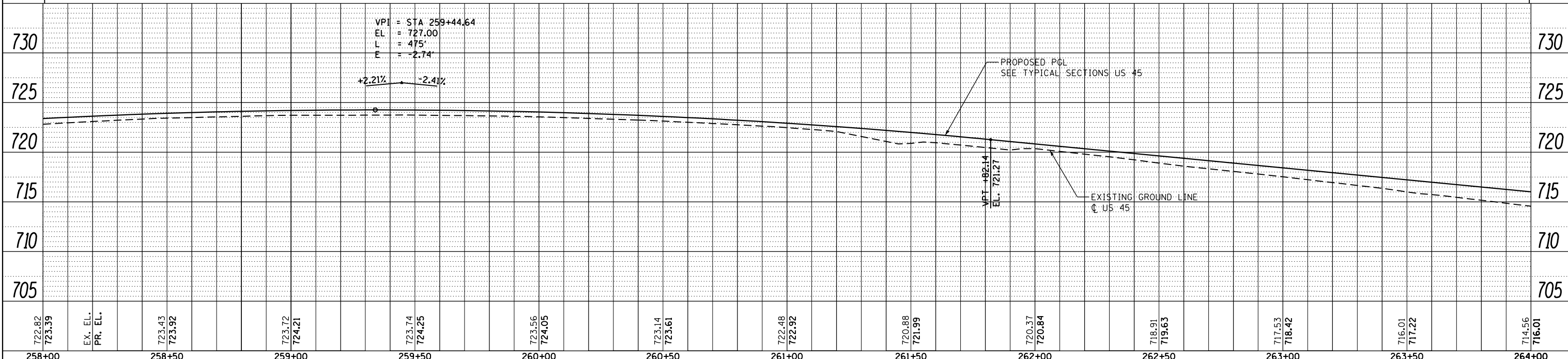
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHD
	NO.

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FAX (312) 353-4998

SEE DRAWING PP-15
MATCH LINE STA. 258+00.00



MATCH LINE STA. 264+00.00
SEE DRAWING PP-17



258+00	259+00	260+00	261+00	262+00	263+00	264+00							
722.82 723.39	EX. EL. PR. EL.	723.43 723.92	723.72 724.21	723.74 724.25	723.56 724.05	723.14 723.61	722.48 722.92	720.88 721.39	720.37 720.84	718.91 719.63	717.53 718.42	716.01 717.22	714.56 716.01

FILE NAME =
D160M61-SHT-PLNPRF16.dgn
SHT_PLNPROF URBAN

USER NAME = Frank.Stallone
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/15/2013

DESIGNED - JTF
DRAWN - JTF
CHECKED - MJT
DATE - 03/13/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H; 1"=5' SHEET 16 OF 18 SHEETS STA. 258+00.00 TO STA. 264+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	67
PP-16			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

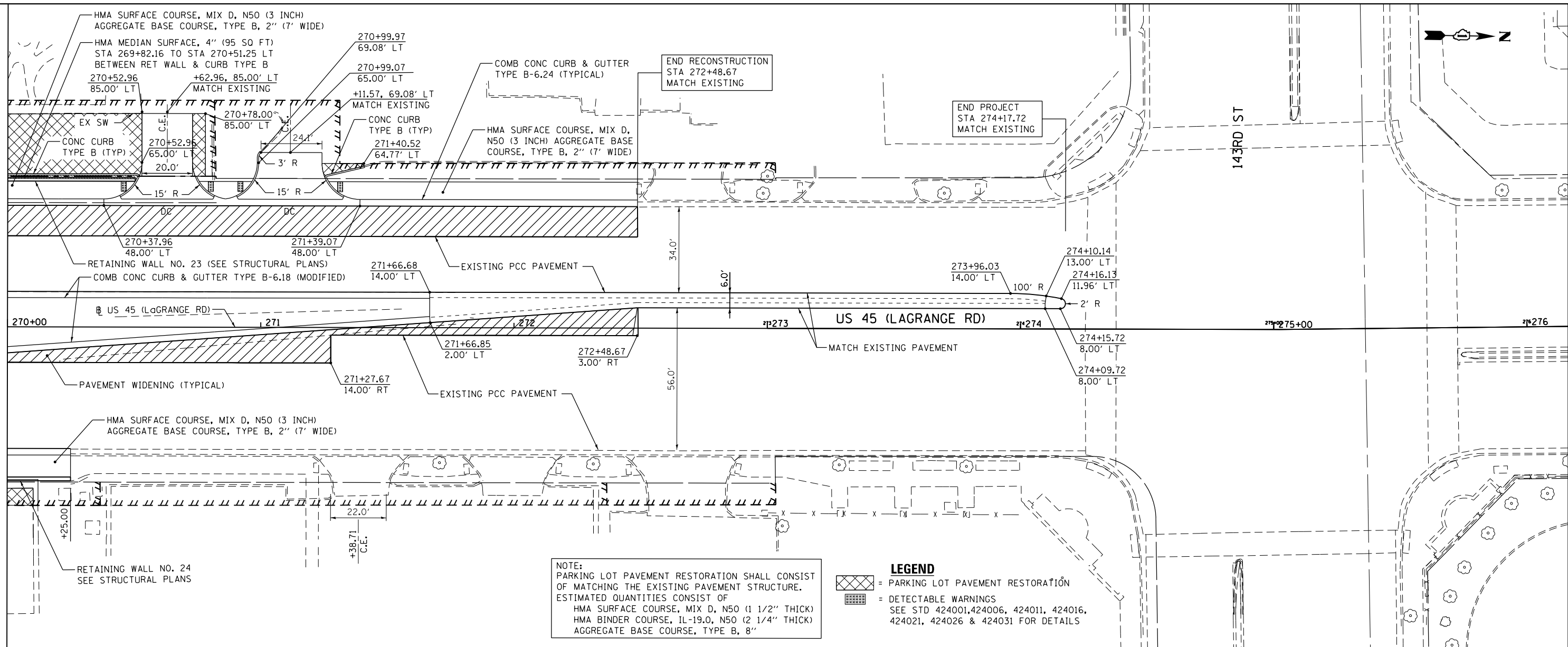
PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	APPROVED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	APPROVED	
	FILE NAME	
	NO.	

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FAX (312) 329-4098

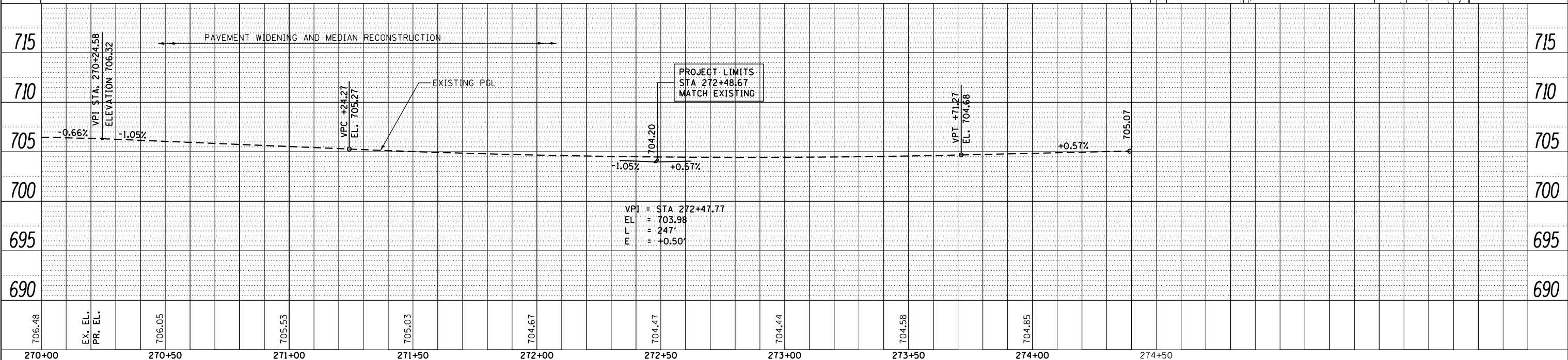
URS

SEE DRAWING PP-17
MATCH LINE STA. 270+00.00



NOTE:
PARKING LOT PAVEMENT RESTORATION SHALL CONSIST OF MATCHING THE EXISTING PAVEMENT STRUCTURE. ESTIMATED QUANTITIES CONSIST OF
HMA SURFACE COURSE, MIX D, N50 (1 1/2" THICK)
HMA BINDER COURSE, IL-19.0, N50 (2 1/4" THICK)
AGGREGATE BASE COURSE, TYPE B, 8"

LEGEND
 = PARKING LOT PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF18.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
SHT_PLNPRF URBAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)

SCALE: 1"=20'H; 1"=5'V SHEET 18 OF 18 SHEETS STA. 270+00.00 TO STA. END

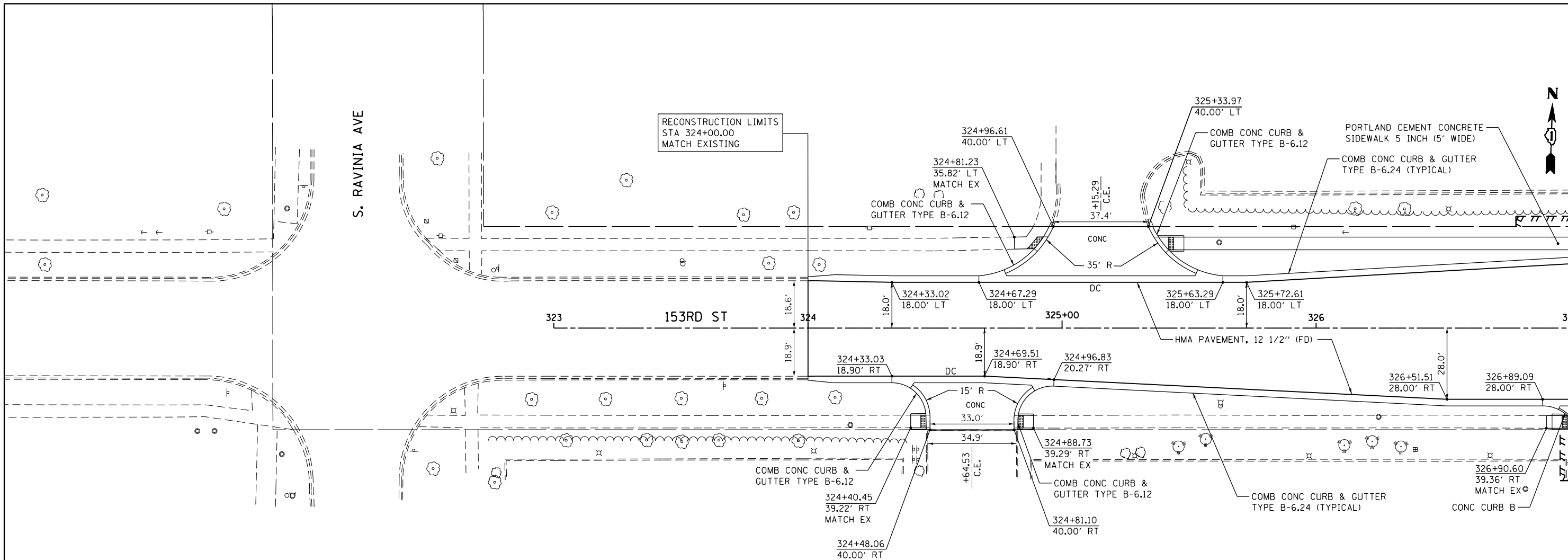
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	69
PP-18			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	NOTATIS CHFD	

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FAX (312) 329-4098

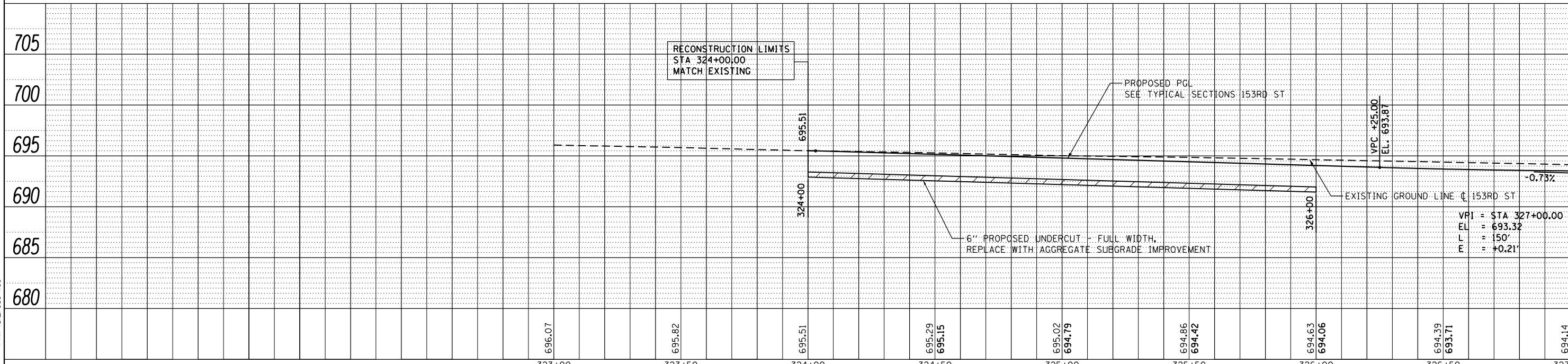
URS



LEGEND

= PAVEMENT RESTORATION

= DETECTABLE WARNINGS
SEE STD 424001, 424006, 424011, 424016,
424021, 424026 & 424031 FOR DETAILS



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - 153RD STREET	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D160M61-SHT-PLNPRF19.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	70	
PLOT SCALE = 40.0000' / in.		CHECKED - MJT	REVISED -			PP-19		CONTRACT NO. 60M61			
SHT_PLNPROF URBAN		DATE - 03/13/2013	REVISED -			SCALE: 1"=20'H; 1"=5' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 327+00.00		ILLINOIS FED. AID PROJECT			

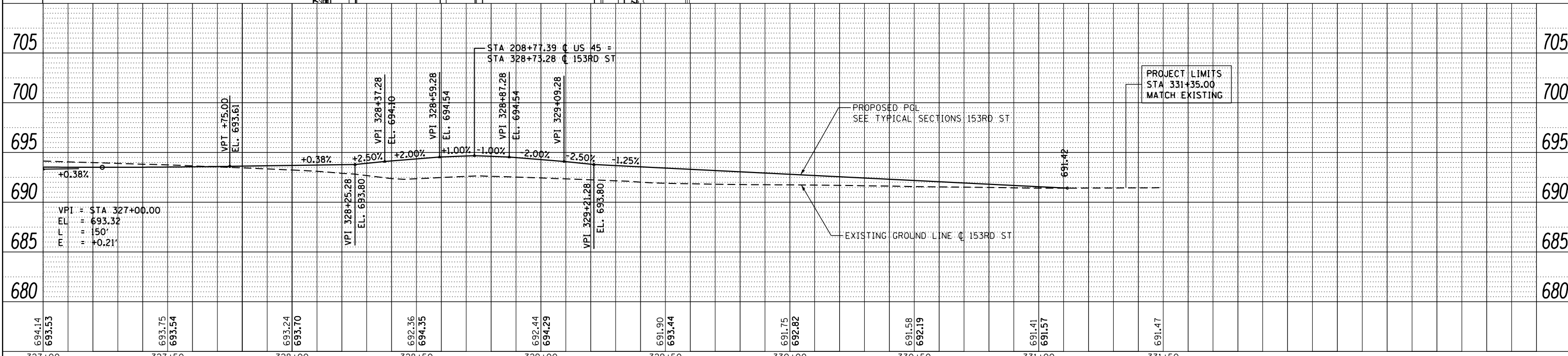
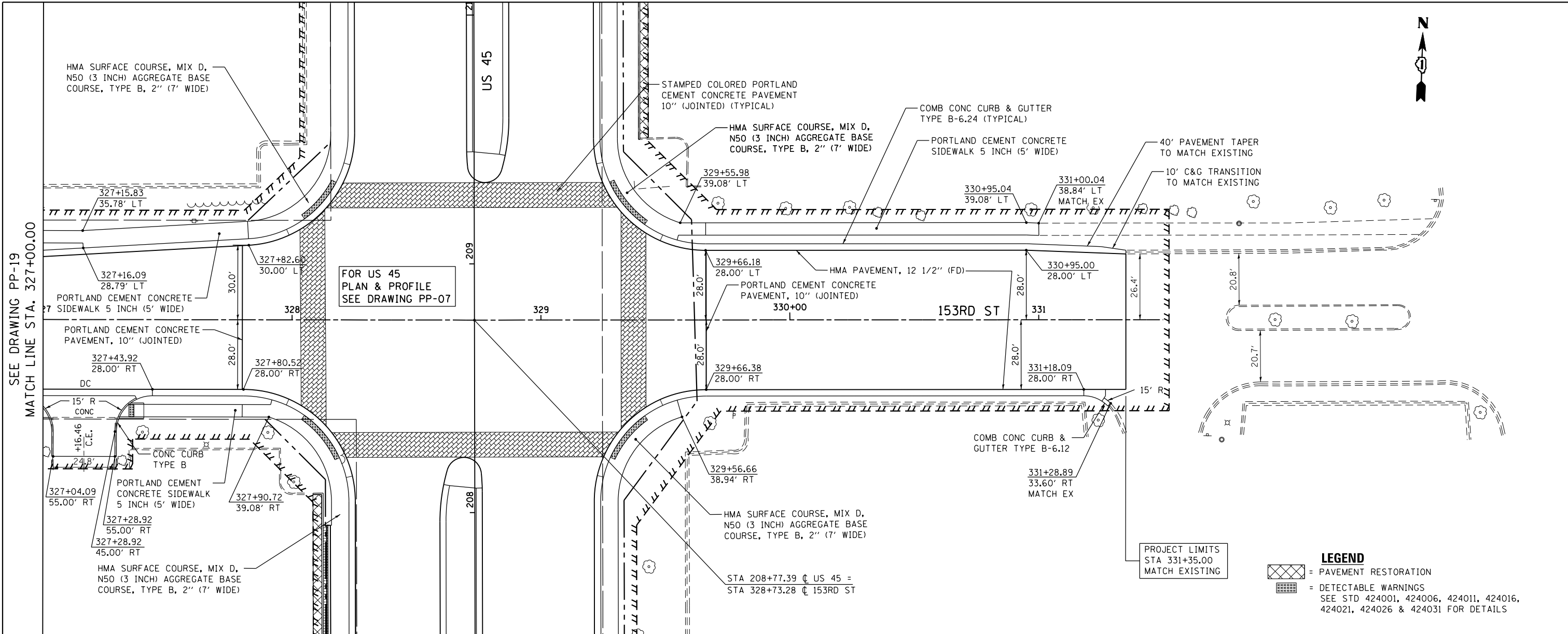
MATCH LINE STA. 327+00.00
SEE DRAWING PP-20

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

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

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CHICAGO, IL 60606
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FAX (312) 527-4000

URS

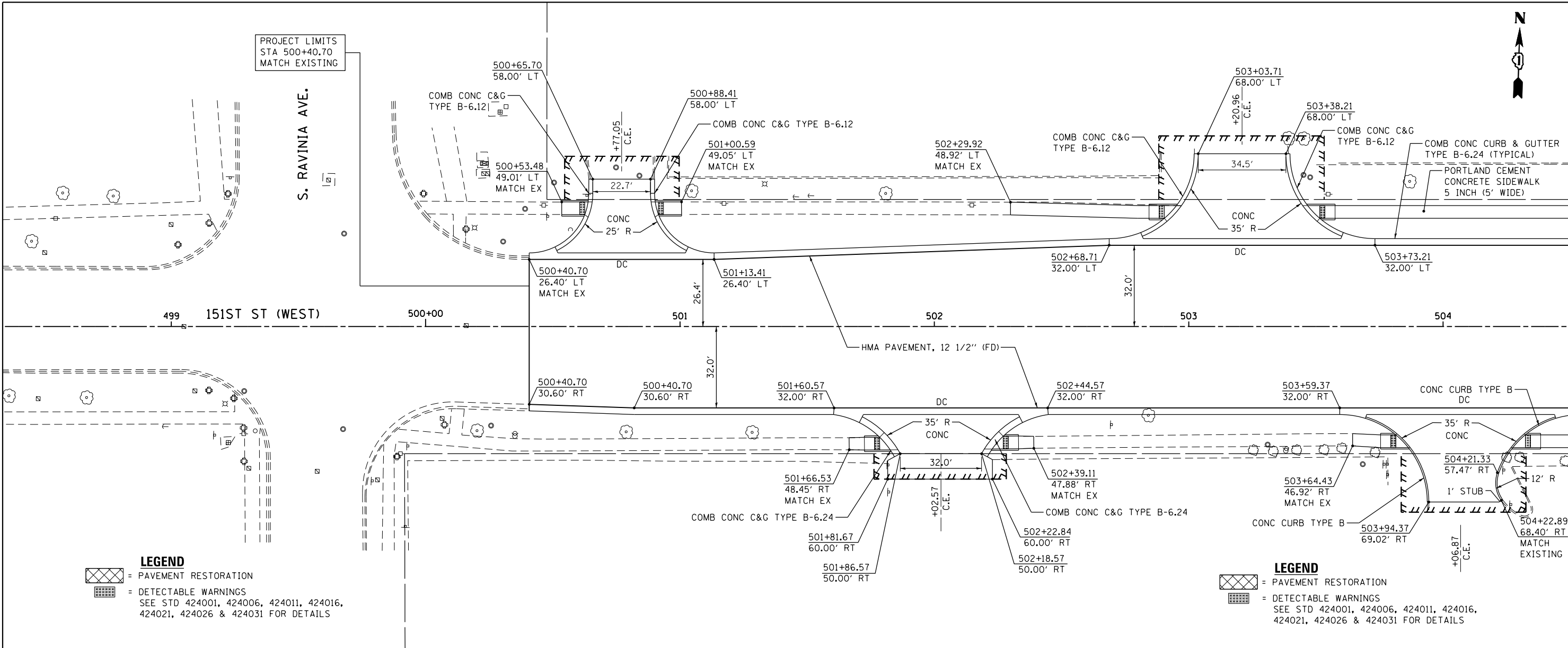


FILE NAME = D160M61-SHT-PLNPRF20.dgn	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - 153RD STREET SCALE: 1"=20'H"=5'V SHEET 2 OF 2 SHEETS STA. 327+00.00 TO STA. END	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 71
PLOT SCALE = 40.0000' / in.	CHECKED - MJT	REVISIONS -	PP-20			CONTRACT NO. 60M61				
PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISIONS -	ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

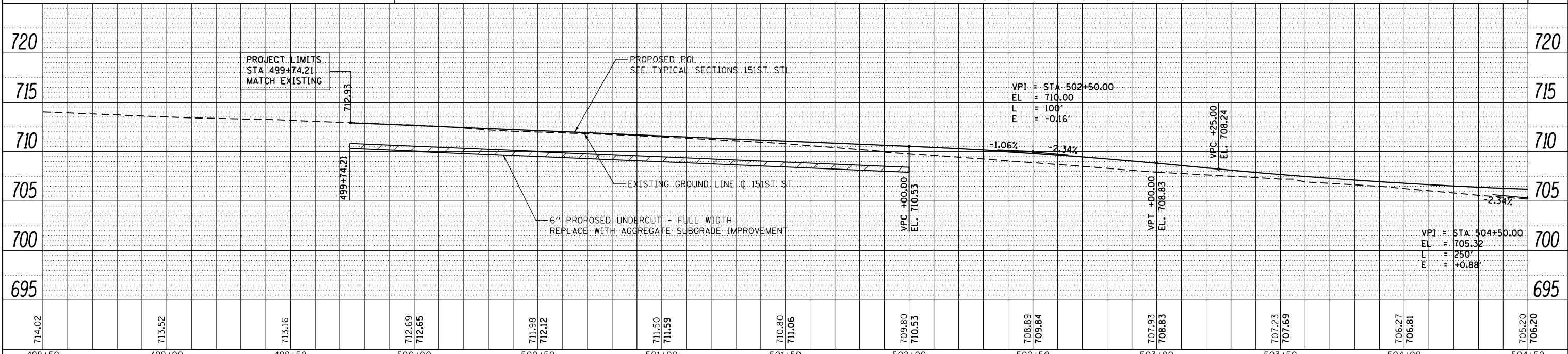
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	

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FAX (312) 329-4000



LEGEND
 = PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

LEGEND
 = PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF21.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - 151ST STREET

SCALE: 1"=20'H; 1"=5' SHEET 1 OF 3 SHEETS STA. BEGIN TO STA. 503+00.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	72
PP-21			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

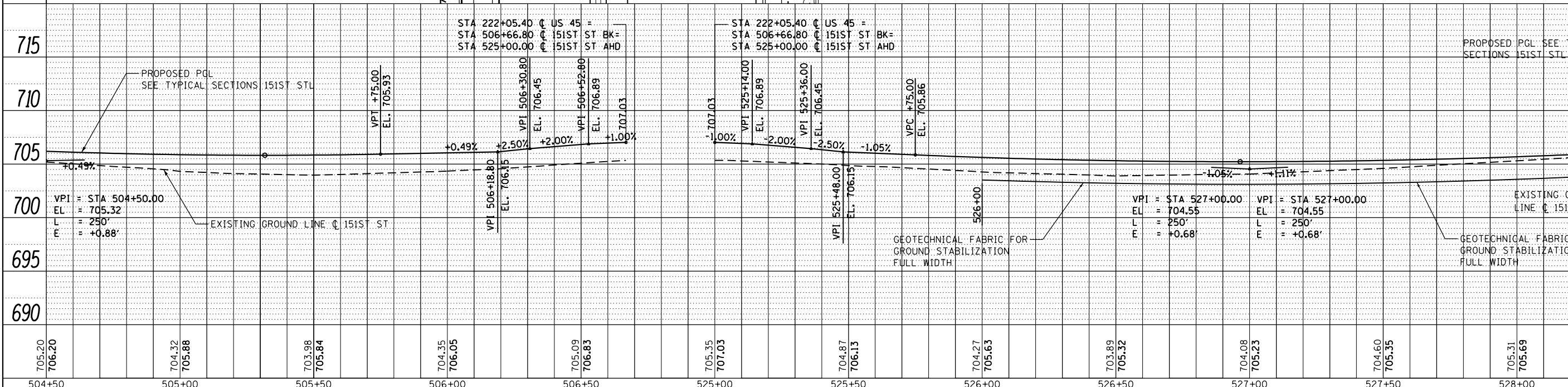
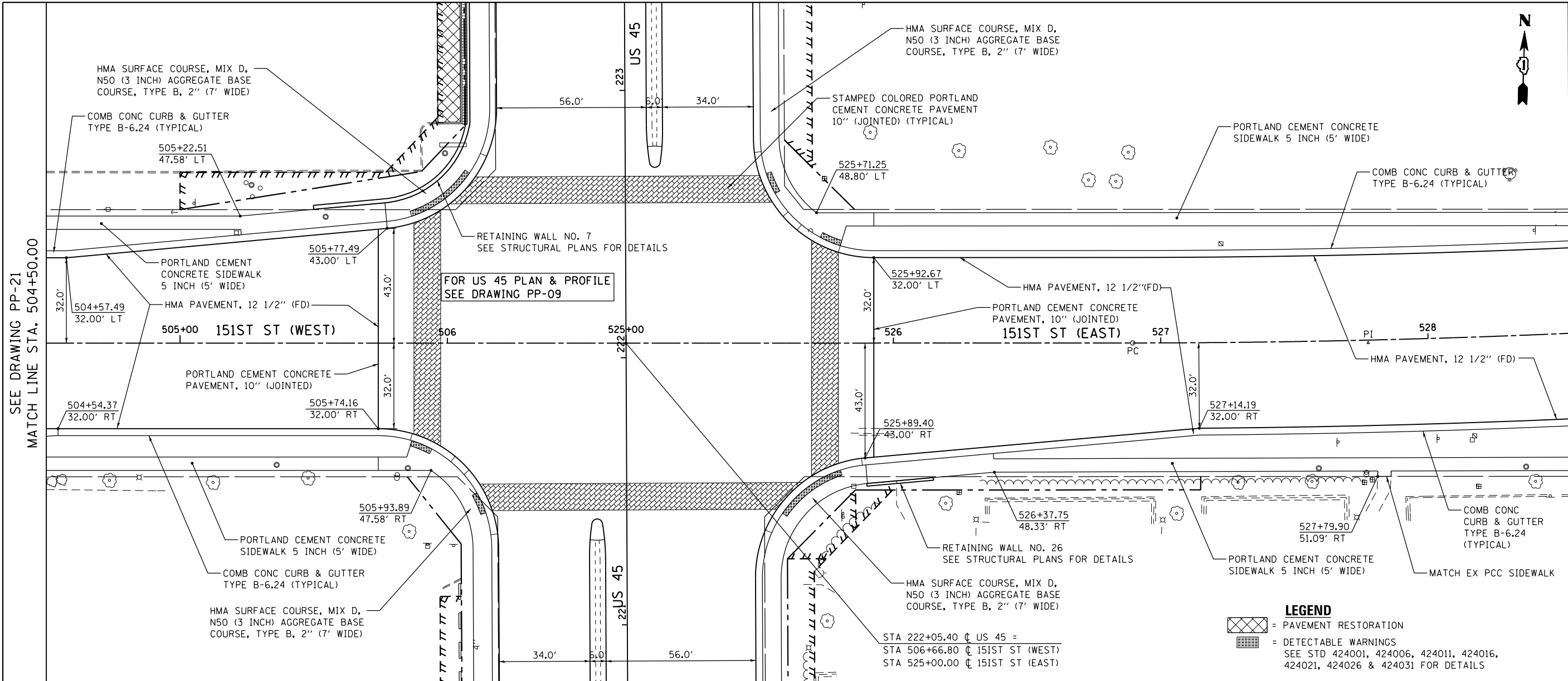
MATCH LINE STA. 504+50.00
SEE DRAWING PP-22



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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	BY	
	NO.	

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FAX (312) 539-4098



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF22.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
SHT_PLNPRF URBAN		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - 151ST STREET

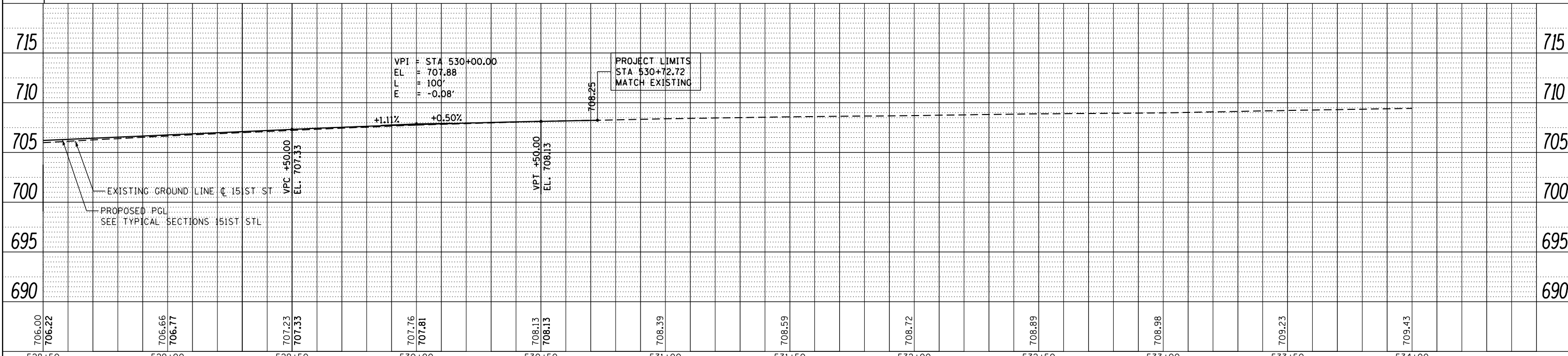
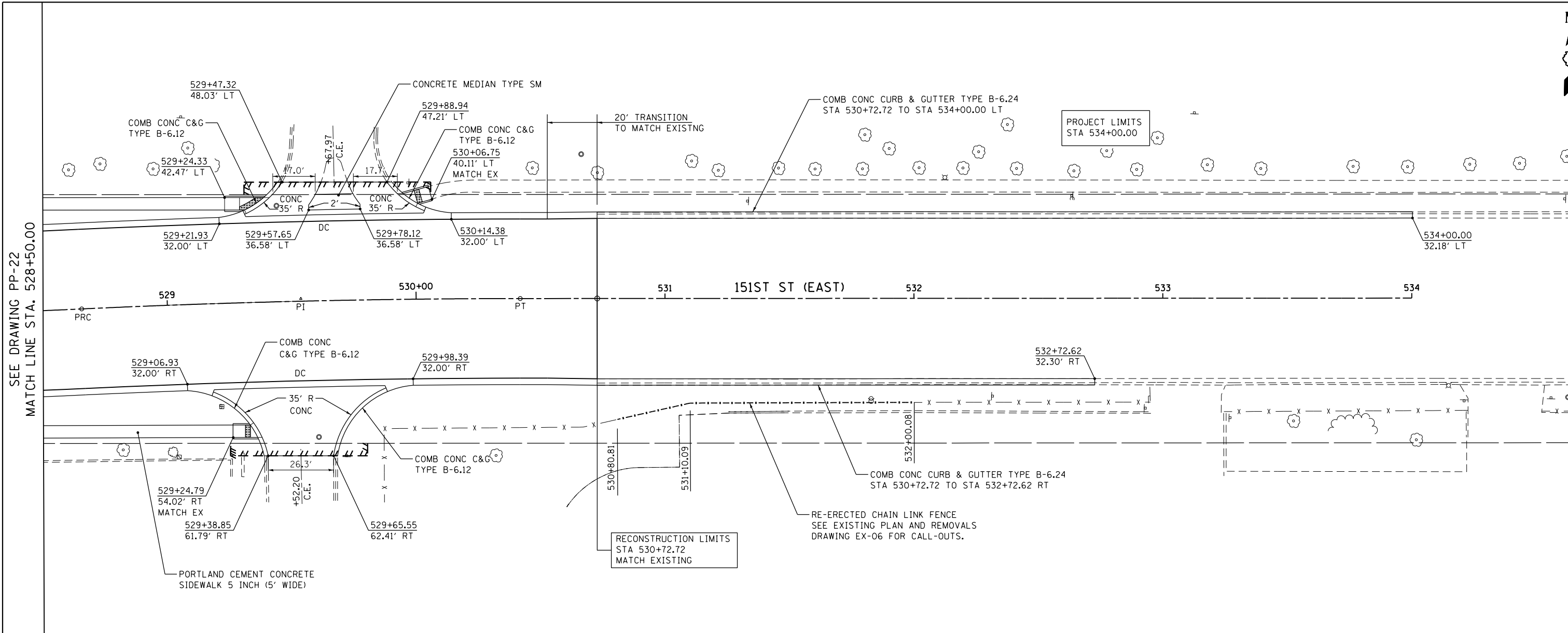
SCALE: 1"=20'H; 1"=5' SHEET 2 OF 3 SHEETS STA. 503+00.00 TO STA. 527+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	73
PP-22			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF23.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - 151ST STREET

SCALE: 1"=20'H; 1"=5'V SHEET 3 OF 3 SHEETS STA. 527+00.00 TO STA. END

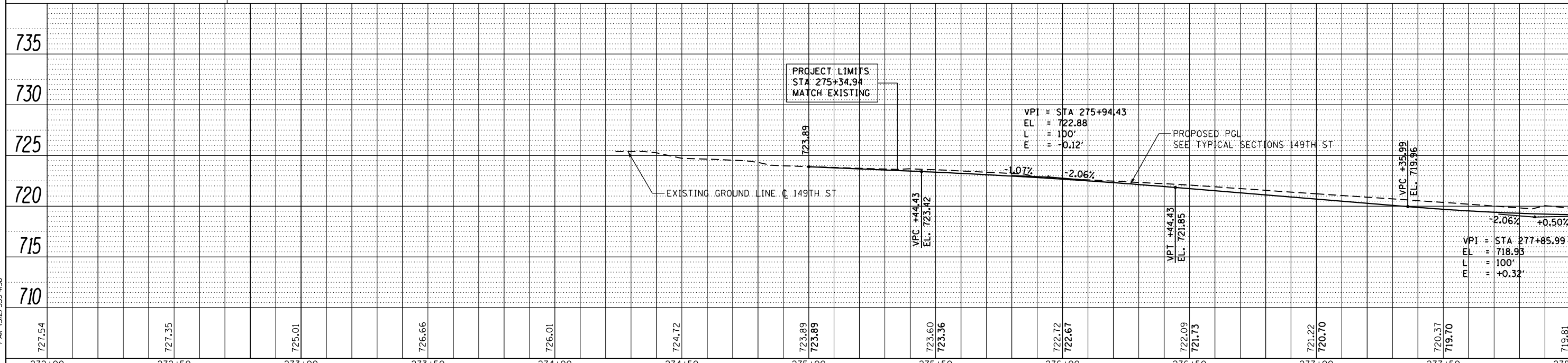
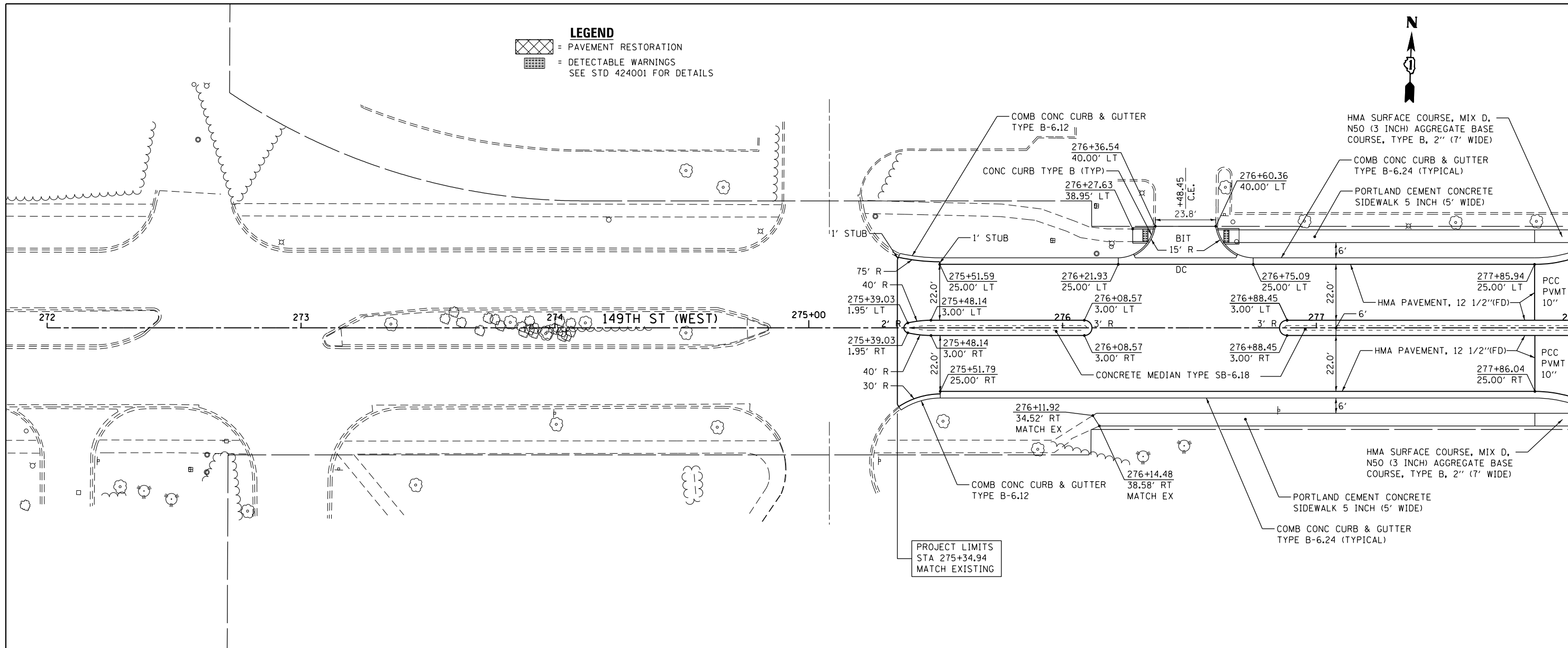
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	74
PP-23			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHRD	
	NO.	

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SUITE 500
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LEGEND
 = PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001 FOR DETAILS



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
D160M61-SHT-PLNPRF24.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - 149TH STREET

SCALE: 1"=20'H; 1"=5' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 278+00.00

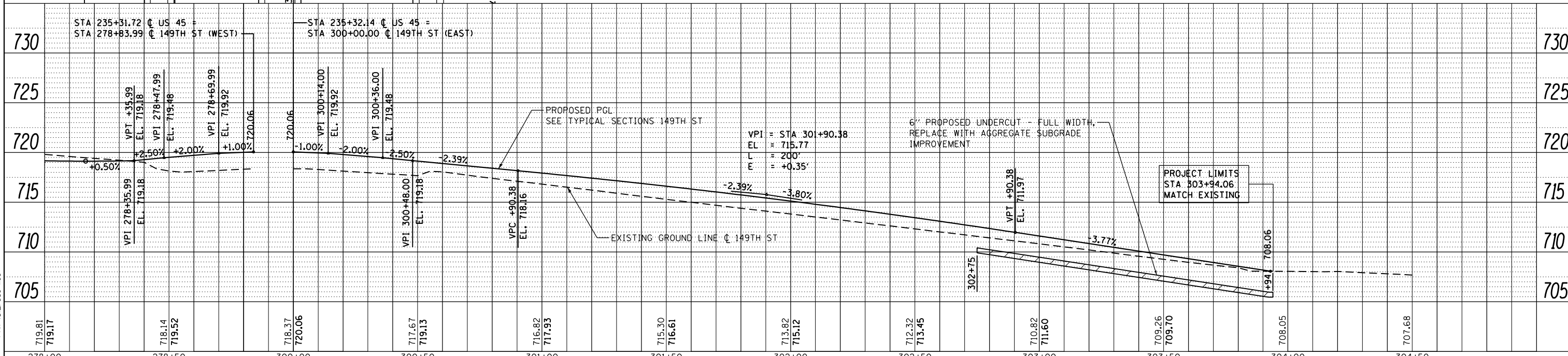
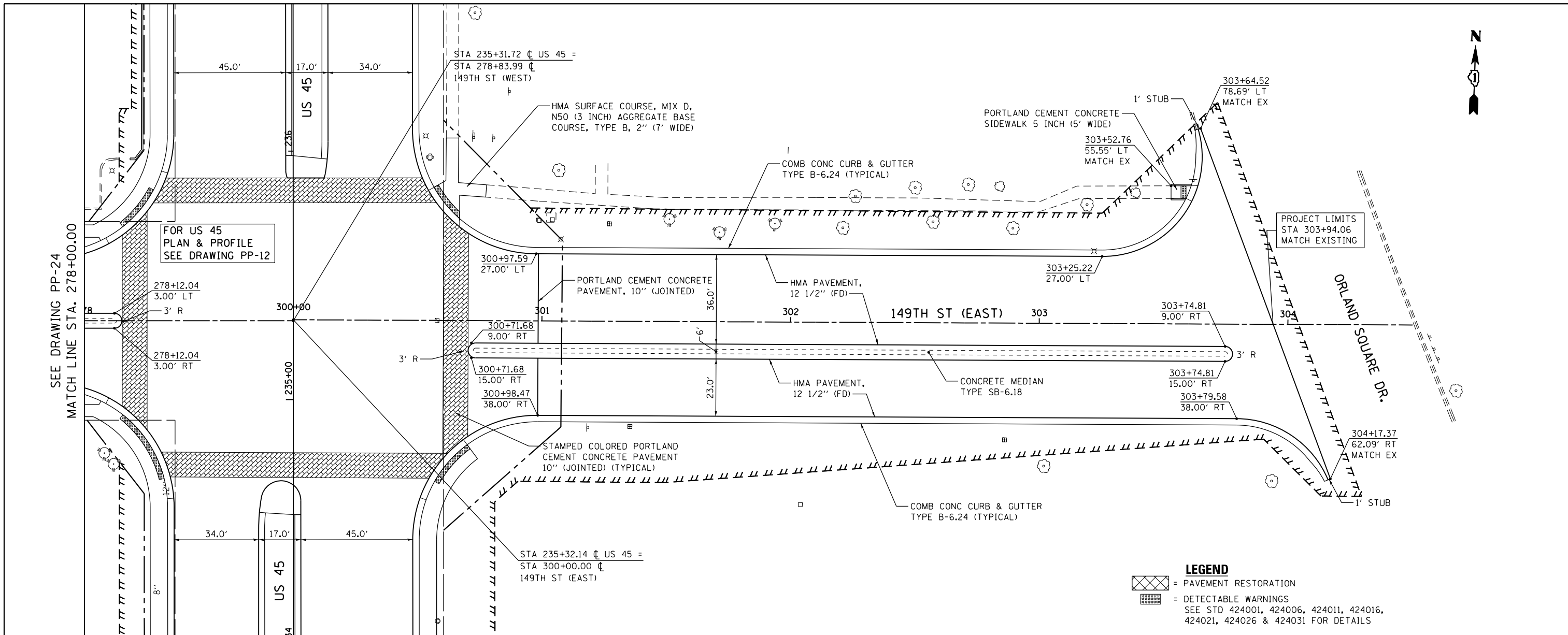
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	75
PP-24			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 278+00.00
SEE DRAWING PP-25

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	DATE _____	

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FAX (312) 329-4000



LEGEND

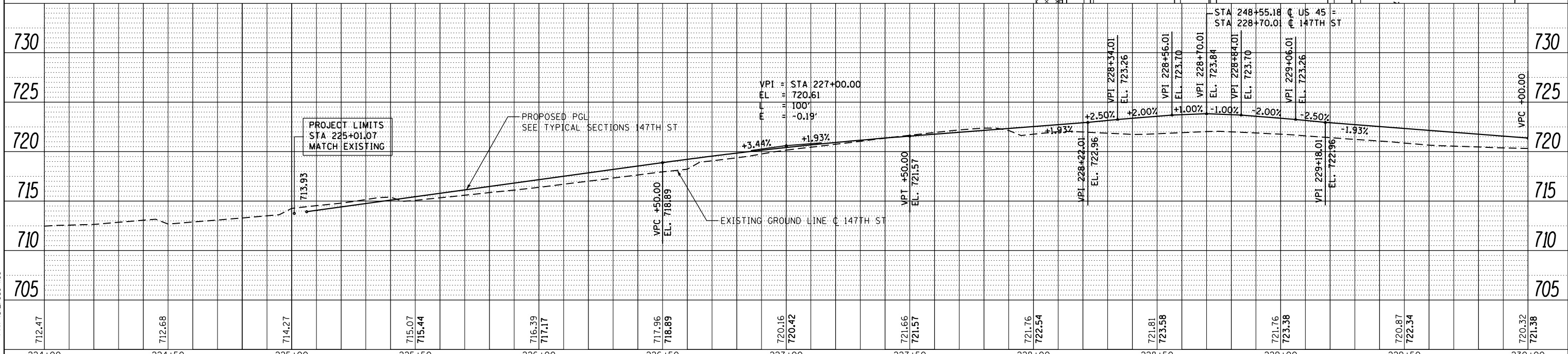
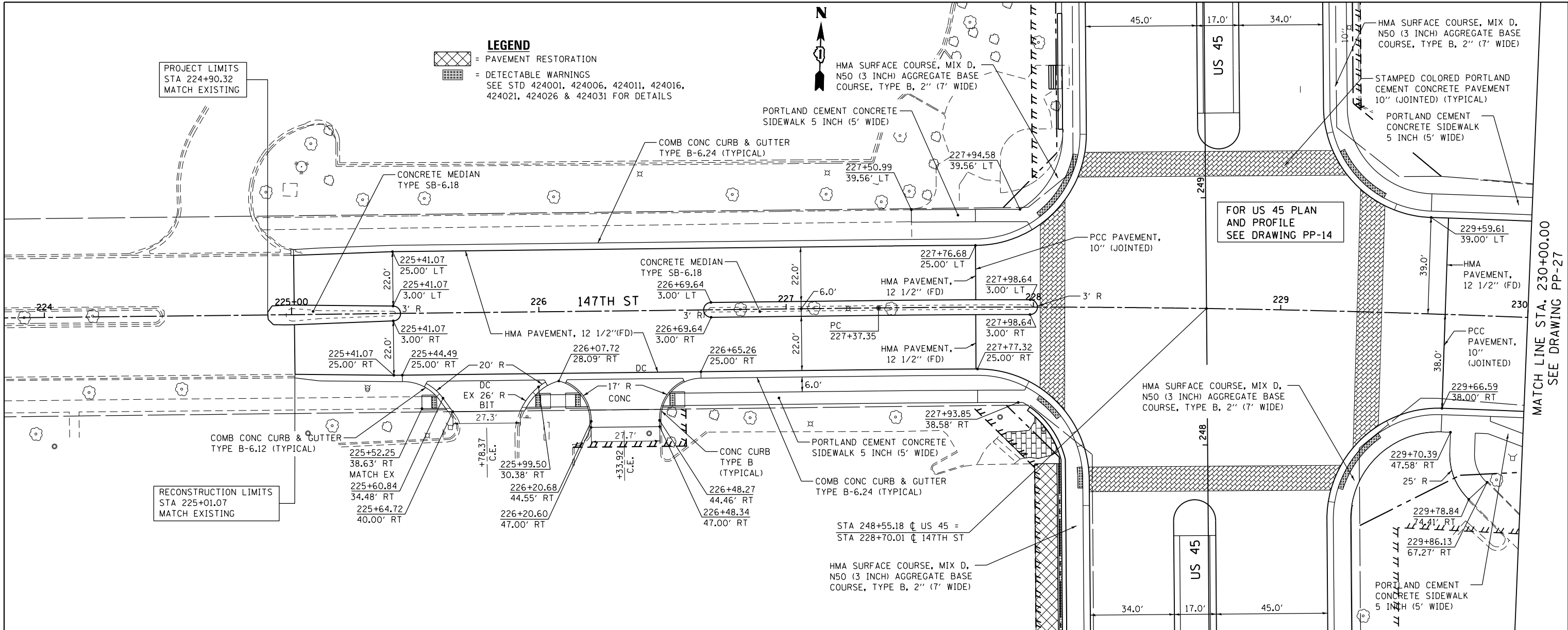
	= PAVEMENT RESTORATION
	= DETECTABLE WARNINGS
SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS	

FILE NAME = D160M61-SHT-PLNPRF25.dgn	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - 149TH STREET	F.A.P. R.E. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 76	
PLOT SCALE = 48.0000' / in.	CHECKED - MJT	REVISED -	SCALE: 1"=20'H; 1"=5'V			SHEET 2 OF 2 SHEETS	STA. 278+00.00 TO STA. END	PP-25		CONTRACT NO. 60M61	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/15/2013	DATE = 03/13/2013	REVISED -									

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	
	NO.	
	NO.	
	NO.	

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SUITE 500
CHICAGO, IL 60606
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FAX (312) 539-4098



FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE - 147TH STREET SCALE: 1"=20'H, 1"=5' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 230+00.00	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-PLNPRF26.dgn		DRAWN - JTF	REVISED -			330	103R-4	COOK	877	77
PLOT SCALE = 40.0000' / in.		CHECKED - MJT	REVISED -			PP-26		CONTRACT NO. 60M61		
PLOT DATE = 3/15/2013		DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

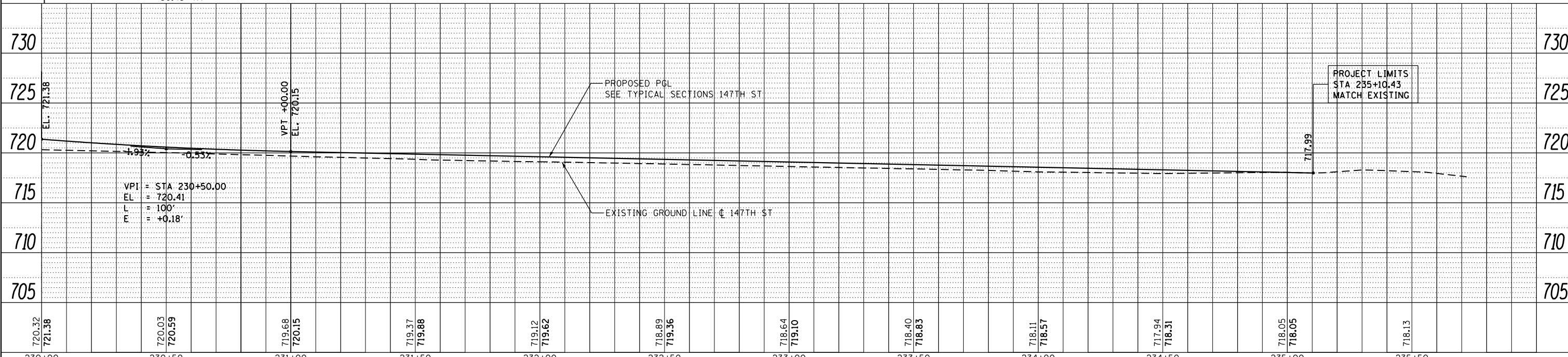
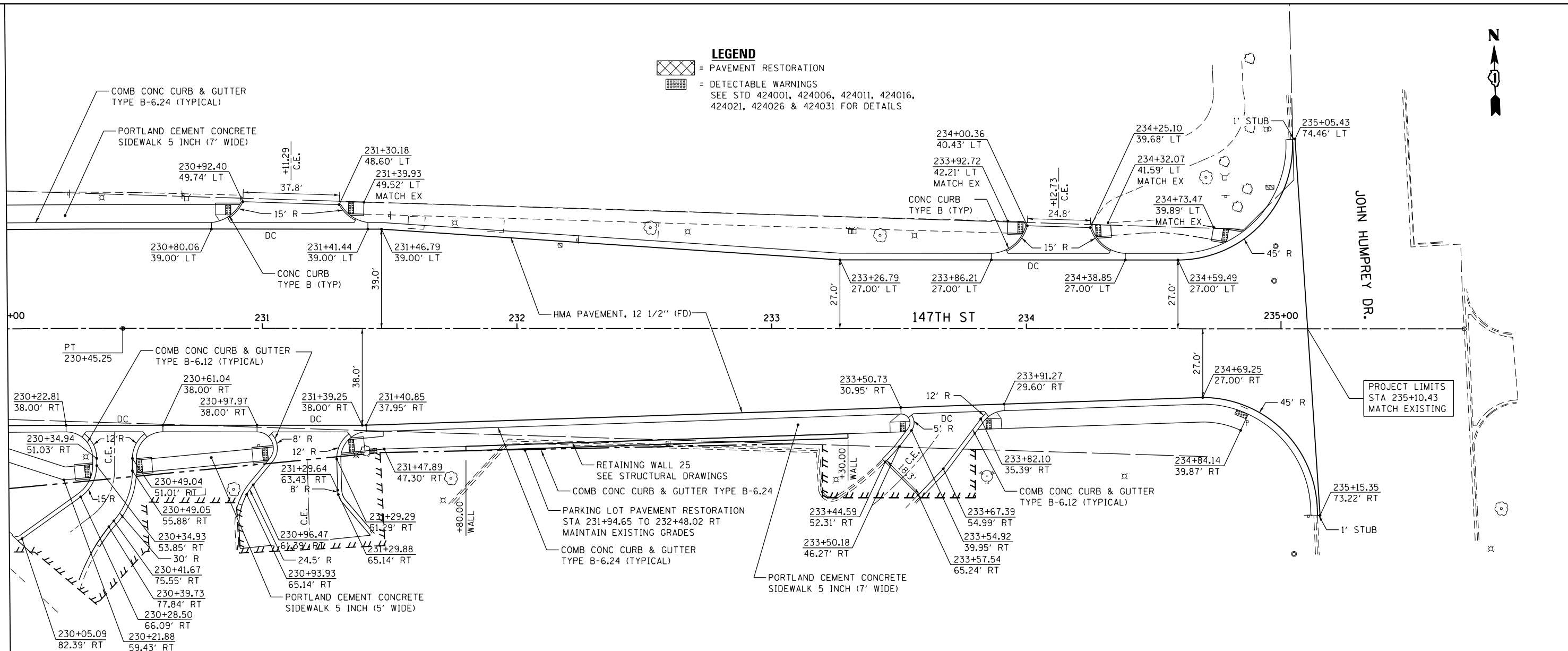
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	

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SUITE 500
CHICAGO, IL 60606
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FAX (312) 329-4098



LEGEND
 = PAVEMENT RESTORATION
 = DETECTABLE WARNINGS
 SEE STD 424001, 424006, 424011, 424016, 424021, 424026 & 424031 FOR DETAILS

SEE DRAWING PP-26
MATCH LINE STA. 230+00.00



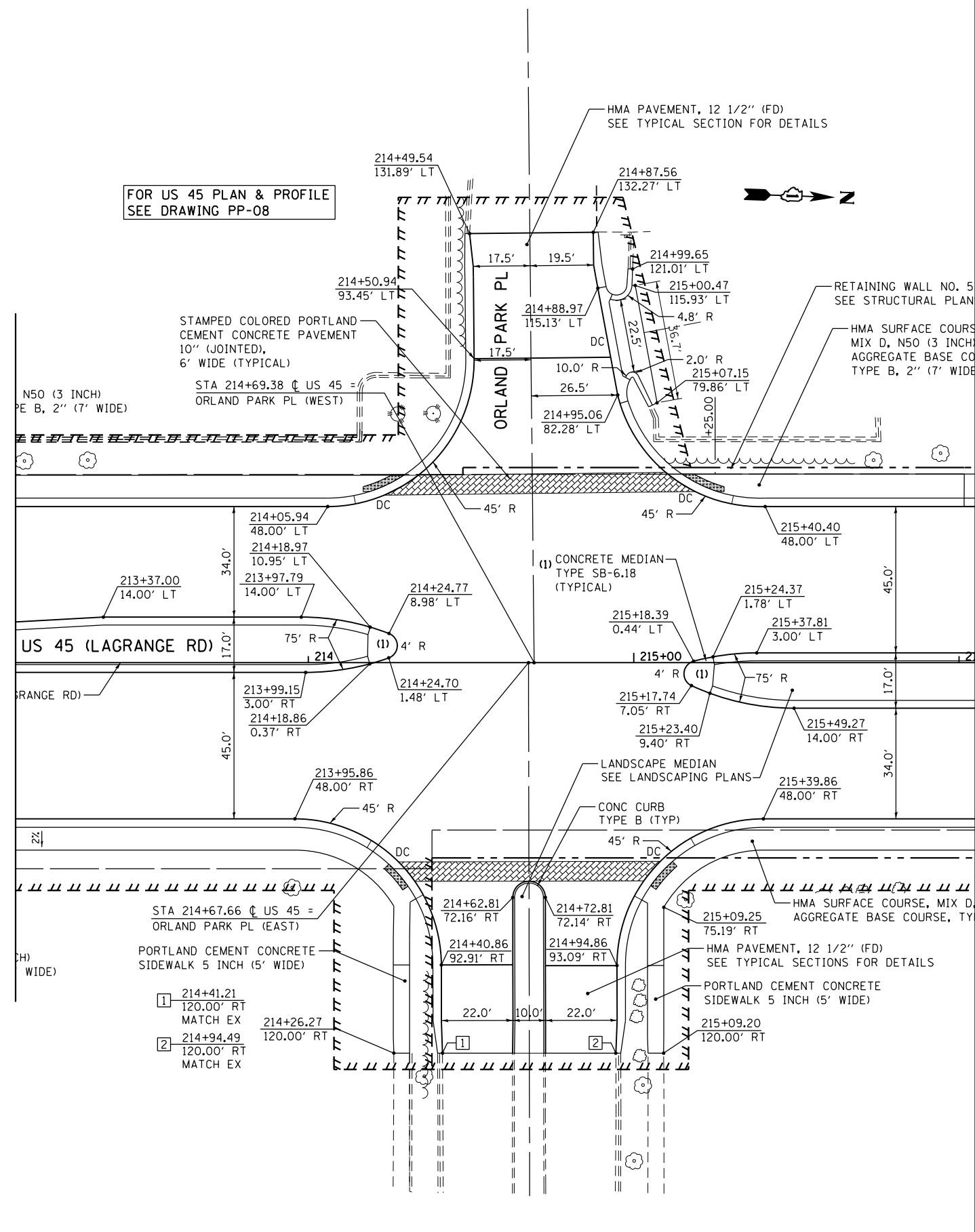
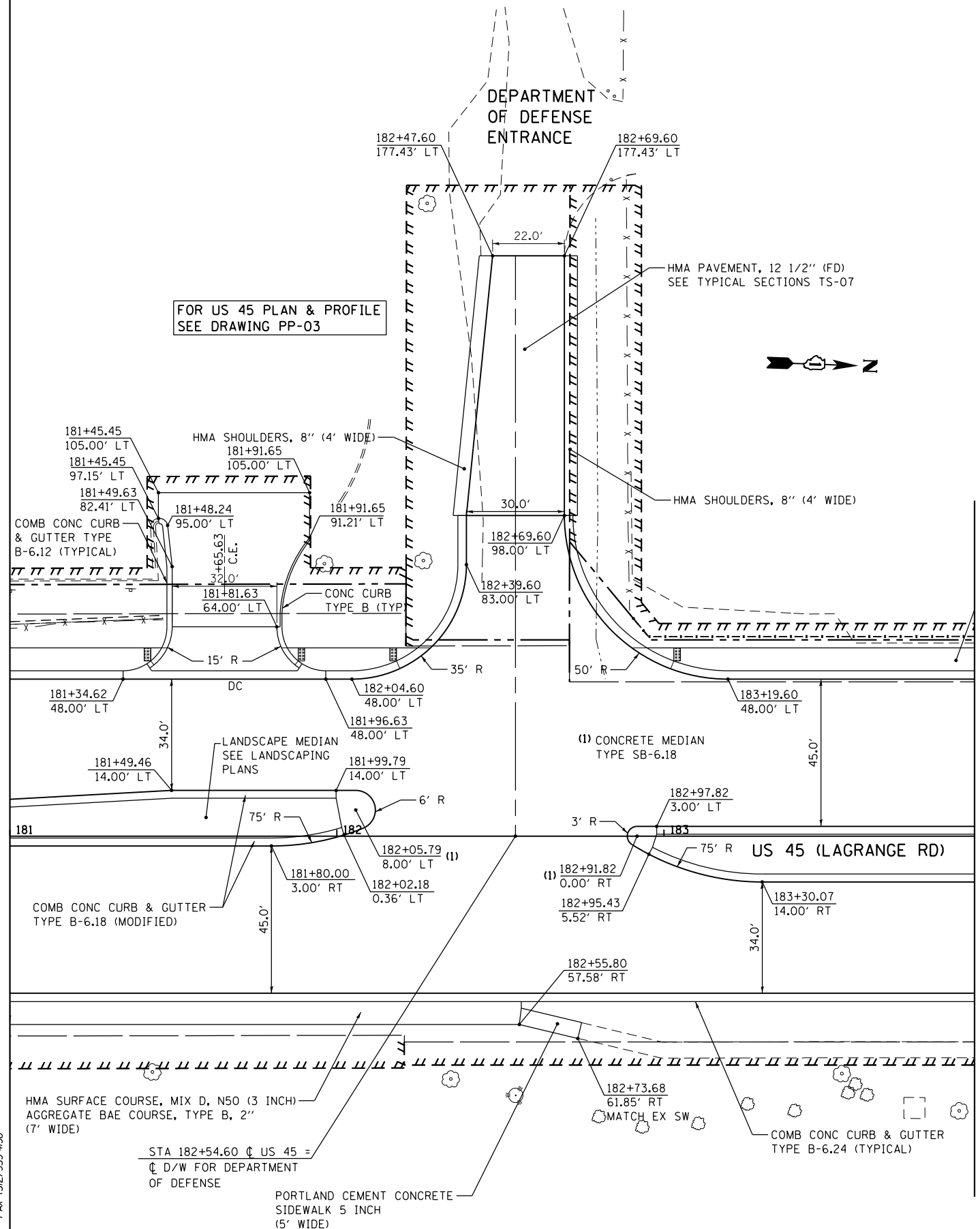
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D160M61-SHT-PLANPRF27.dgn		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE - 147TH STREET

SCALE: 1"=20'H; 1"=5' SHEET 2 OF 2 SHEETS STA. 230+00.00 TO STA. END

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	78
PP-27			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



100 S. WACKER DR.
 5TH FLOOR
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998

URS

FILE NAME = D160M61-SHT-PLNPRF30.dgn	USER NAME = Frank.Stallone	DESIGNED - JTF	REVISED -
		DRAWN - JTF	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN DEPARTMENT OF DEFENSE ENTRANCE AND ORLAND PARK PLACE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 81
PP-30		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO THROUGH TRAFFIC LANES IN EACH DIRECTION ON LAGRANGE ROAD.
2. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, DRUMS, OR TYPE II BARRICADES, ALL TEMPORARY CONCRETE BARRIERS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC, OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL COMMERCIAL AND PRIVATE ENTRANCES. PAY ITEMS ARE INCLUDED IN THE PLANS FOR THIS ITEM. SEE IDOT DISTRICT 1 STANDARD TC-26 FOR TEMPORARY INFORMATION SIGNING REQUIREMENTS AT DRIVEWAYS.
5. THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III, ON EXISTING SURFACES TO REMAIN, AREAS IN CONFLICT WITH OTHER STAGES, AND PERMANENT SURFACES, EXCEPT FOR WINTER STAGING, WHICH SHALL USE ONLY PERMANENT MARKING MATERIALS. THE CONTRACTOR SHALL USE EPOXY PAVEMENT MARKING FOR TEMPORARY PAVEMENT MARKINGS ON TEMPORARY PAVEMENT OR PAVEMENT THAT WILL BE REMOVED.
6. 4 INCH SOLID WHITE PAVEMENT MARKING LINES SHALL BE USED TO DEFINE EDGE LINE.
7. 6 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED TO DEFINE TURN LANES.
8. 12 INCH SOLID YELLOW PAVEMENT MARKING LINES ARE TO BE USED FOR TEMPORARY MEDIAN DIAGONAL LINES AT LOCATIONS AS SHOWN ON THE PLANS.
9. 24 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED FOR ALL STOP BARS, INCLUDING TEMPORARY AND SHORT-TERM INSTALLATIONS.
10. ALL TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS IN MULTI-LANE SECTIONS AND BI-DIRECTIONAL STEADY BURNING LIGHTS IN TWO-LANE SECTIONS.
11. ALL TYPE II BARRICADES, VERTICAL PANELS, AND DRUMS SHALL BE SPACED AT 50 FEET CENTER TO CENTER THROUGHOUT THE WORK ZONE, EXCEPT IN TAPER AREAS, GORE AREAS, AND ALONG CORNER RADII, WHERE THEY SHALL BE SPACED AT 25 FEET CENTER TO CENTER.
12. TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH TYPE "C" REFLECTORS IN ACCORDANCE WITH HIGHWAY STANDARD 635011 AT 20' CENTERS, AND SHALL BE CONTINUOUSLY PINNED TO THE PAVEMENT IN ALL 3 SLOTS ALONG THE TRAFFIC SIDE WHERE EVER A DROP-OFF, FIXED OBJECT, OR OTHER HAZARD MUST REMAIN WITHIN 3.5 FEET OF THE WALL.
13. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
14. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".
15. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION SHALL HAVE AN AMBER FLASHING BEACON MOUNTED ON THE TRAFFIC SIDE.
16. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
17. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.
18. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
19. DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
20. VERTICAL PANELS OR DRUMS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER, TO DELINEATE THE TRAVEL EDGE OF PAVEMENT AFTER TEMPORARY PAVEMENT HAS BEEN CONSTRUCTED IN THE PRE-STAGE.

21. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD ACCESS AT ALL TIMES AT THE LOCATIONS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), TEMPORARY ACCESS (FIELD ENTRANCE), AND TEMPORARY ACCESS (ROAD). EACH DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD SHALL ONLY BE MEASURED FOR PAYMENT ONCE.
22. THE CONTRACTOR SHALL PLACE A TEMPORARY PAVEMENT PATCH WHERE THE PROPOSED STORM SEWER AND UTILITY TRENCHES CROSS EXISTING DRIVEWAYS, FIELD ENTRANCES, AND ROADWAYS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS D PATCHES. DEPTH OF PATCHES SHALL BE AS DIRECTED BY THE ENGINEER.

23. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION PLAN FOR THE CONSTRUCTION STAGING REQUIRED TO CONSTRUCT THE PROPOSED IMPROVEMENTS FOR ALL SIDE ROADS AND THE COMMERCIAL ENTRANCES LOCATED WITHIN THE CONTRACT LIMITS. SEE TRAFFIC CONTROL PLAN SPECIAL PROVISION FOR ADDITIONAL REQUIREMENTS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY ACCESS (ROAD) AND TEMPORARY ACCESS (COMMERCIAL ENTRANCE). SUGGESTED MAINTENANCE OF TRAFFIC PLANS ARE PROVIDED FOR THE FOLLOWING MAJOR INTERSECTIONS:
 - 144TH STREET
 - 147TH STREET
 - 149TH STREET
 - 151ST STREET
 - 153RD STREET

24. ALL TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, DRUMS, VERTICAL PANELS, SIGNS, ETC. REQUIRED FOR THE MAINTENANCE OF TRAFFIC AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

25. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL TRENCHES AND OPEN EXCAVATION HOLES FOR PROPOSED STORM SEWER, DRAINAGE STRUCTURES, AND UTILITIES IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON-WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

26. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC WITH ADJACENT IDOT CONTRACTS NO. 60M62 AND 60F05. CONSTRUCTION LIMITS BEGIN SOUTH OF 143RD STREET AND NORTH OF 159TH STREET.
27. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

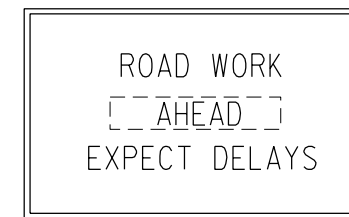
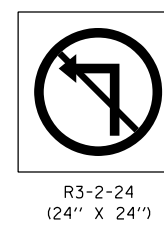
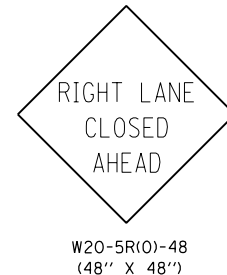
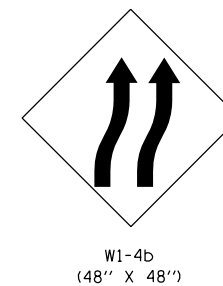
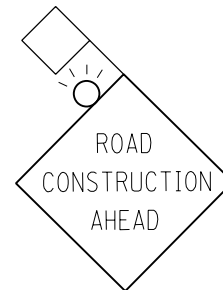
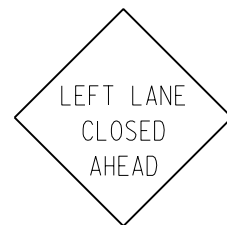
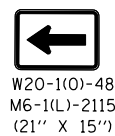
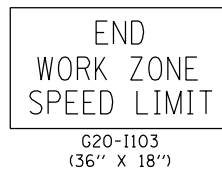
MAINTENANCE OF TRAFFIC - INDEX OF SHEETS

DRAWING NO.	TITLE	DRAWING NO.	TITLE
MN-01	GENERAL NOTES	MT-13 TO MT-16	- STAGE 3
MN-02	SUGGESTED TEMPORARY DRAINAGE	MT-17 TO MT-20	- STAGE 4
MN-03	SUGGESTED CONSTRUCTION SEQUENCING	MT-21 TO MT-23	MOT SIDE ROADS - PRE-STAGE 1
MN-04 TO MN-05	TYPICAL SECTIONS	MT-24	- STAGE 1A
		MT-25	- STAGE 1AA
		MT-26	- STAGE 1A & 1C
		MT-27 TO MT-28	- STAGE 1B
		MT-29 TO MT-30	- STAGE 3B
		MT-31	- STAGE 4C
MT-01 TO MT-04	MOT US 45 - PRE-STAGE 1		
MT-05 TO MT-08	- STAGE 1		
MT-09 TO MT-12	- STAGE 2		

MAINTENANCE OF TRAFFIC GENERAL NOTES

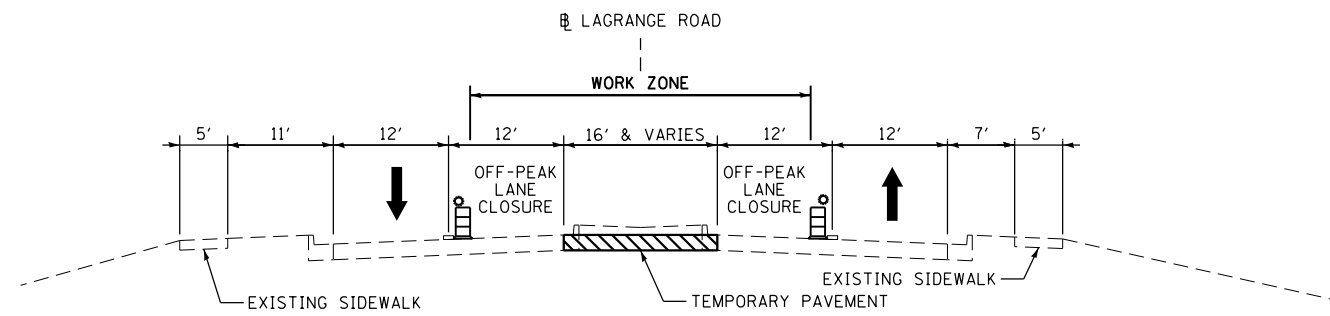
- GUARDRAIL SHALL BE IN PLACE BEFORE TRAFFIC IS PLACED ADJACENT TO ANY ROADSIDE OBSTACLES.
- SIGN TEXT AND COLOR SHALL BE PER MUTCD UNLESS OTHERWISE SPECIFIED.
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL." REMOVAL OF SHORT TERM OR TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL."
- OPPOSING LANES OF TRAFFIC ON LAGRANGE ROAD SHALL BE DELINIATED AT ALL TIMES THROUGHOUT CONSTRUCTION BY TWO 4-INCH YELLOW TEMPORARY PAVEMENT MARKING LINES AT 11-INCH CENTERS.
- ACCESS TO DRIVEWAYS, SIDE ROADS, BUS STOP AREAS, AND PEDESTRIAN ACCESS SHALL BE MAINTAINED DURING CONSTRUCTION. PROVIDE SIDEWALK CLOSED SIGNS AND CROSSING SIGNS CLEARLY DESIGNATING THE OPEN PEDESTRIAN PATH, WITHIN CONSTRUCTION AREA, PER HIGHWAY STANDARD 701801. IN AREAS WHERE THERE IS ONLY ONE SIDEWALK, TEMPORARY PEDESTRIAN ACCESS MUST BE MAINTAINED WITH CROSSING SIGNS CLEARLY DESIGNATING THE OPEN PEDESTRIAN PATH EXCEPT DURING STAGE 1, WHERE SIDEWALKS WILL BE CLOSED FOR CONSTRUCTION ALONG US 45. ANY DELAYS OR INCONVENIENCES CAUSED BY THE CONTRACTOR BY COMPLYING WITH THESE REQUIREMENTS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL TEMPORARY LANES SHALL BE AT A MINIMUM OF 11' WIDE UNLESS OTHERWISE NOTED.
- SEE STANDARDS FOR SIGNING NOT SHOWN ON THE MAINTENANCE OF TRAFFIC DRAWINGS.
- THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- LOCATIONS OF "DRIVEWAY ENTRANCE" SIGNS PER STANDARD TC-26 SHALL BE DETERMINED BY THE ENGINEER.
- OFF-PEAK LANE CLOSURES SHALL NOT BE PERMITTED DURING THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM MONDAY THROUGH FRIDAY. ALL LANE CLOSURE SIGNS SHALL NOT BE ERECTED ANY EARLIER THAN ONE-HALF (1/2) HOUR BEFORE THE STARTING HOURS LISTED ABOVE. ALSO, THESE SIGNS SHOULD BE TAKEN DOWN WITHIN ONE-HALF (1/2) HOUR AFTER THE CLOSURE IS REMOVED.
- EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.
- PAVEMENT CALLED OUT ON THE PLANS AS OFF-PEAK LANE CLOSURES, SHALL BE CONSTRUCTED WITH HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE. THESE CLOSURES WILL BE DONE IN INTERMEDIATE STAGES AND WILL FOLLOW STANDARD 701701-08.
- TEMPORARY PAVEMENT FOR USE AS A WEDGE BETWEEN VERTICAL GRADE DIFFERENCES OF EXISTING AND NEW PAVEMENT SHALL BE CONSTRUCTED AS NEEDED WITH A MAXIMUM SLOPE OF 6%.
- FOR TEMPORARY DRAINAGE SEE EROSION AND SEDIMENT CONTROL PLANS.
- "CAUTION NEW LANES OPEN STOP HERE" SHALL BE USED WHEN ROADWAY HAS BEEN WIDENED IN THE DIRECTION OF THE SIDE STREET OR DRIVEWAY.

STAGE	CONSTRUCTION	TRAFFIC
LA GRANGE ROAD		
PRE-STAGE	CONSTRUCT TEMPORARY PAVEMENT ALONG EXISTING SOUTHBOUND LANES AND MEDIAN. INCLUDE REMOVAL OF SOUTHBOUND OUTSIDE CURB AND GUTTER AND MEDIAN CURB AND GUTTER AND MEDIAN SURFACE AND INSTALL ANY NECESSARY INFRASTRUCTURE CROSSING MEDIAN AREA.	OFF-PEAK LANE CLOSURES.
STAGE 1	CONSTRUCT PROPOSED NORTHBOUND LANES, CURB AND GUTTER, SIDEWALK AND ALL PROPOSED INFRASTRUCTURE IN THIS AREA.	ALL TRAFFIC SHIFTED WEST TO TEMPORARY PAVEMENT AND EXISTING SOUTHBOUND LANES.
STAGE 2	CONSTRUCT TEMPORARY PAVEMENT ADJACENT TO NEW NORTHBOUND LANES WITHIN MEDIAN AREA. CONSTRUCT ANY INFRASTRUCTURE IN MEDIAN AREA.	NORTHBOUND TRAFFIC SHIFTED EAST TO PROPOSED NORTHBOUND LANES.
STAGE 3	CONSTRUCT PROPOSED SOUTHBOUND LANES, CURB AND GUTTER, SIDEWALK AND ALL PROPOSED INFRASTRUCTURE IN THIS AREA.	SOUTHBOUND TRAFFIC SHIFTED EAST TO TEMPORARY PAVEMENT AND PROPOSED NORTHBOUND LANES.
STAGE 4	CONSTRUCT MEDIAN AND ANY REMAINING INFRASTRUCTURE IN THIS AREA.	SOUTHBOUND TRAFFIC SHIFTED WEST TO PROPOSED SOUTHBOUND LANES.
151ST STREET		
PRE-STAGE	CONSTRUCT TEMPORARY PAVEMENT ALONG SIDE ROAD AS NEEDED.	OFF PEAK LANE CLOSURES.
STAGE 1A	CONSTRUCT PROPOSED EASTBOUND LANES.	ALL TRAFFIC SHIFTED NORTH TO TEMPORARY PAVEMENT AND EXISTING WESTBOUND LANES.
STAGE 1AA	CONSTRUCT TEMPORARY PAVEMENT FOR STAGE B (WEST OF LAGRANGE).	EASTBOUND TRAFFIC SHIFTED SOUTH TO NEW EASTBOUND LANES.
STAGE 1B	CONSTRUCT PROPOSED WESTBOUND LANES.	ALL TRAFFIC SHIFTED SOUTH TO NEW EASTBOUND LANES.
STAGE 4C	CONSTRUCT MEDIAN.	OFF PEAK LANE CLOSURES. ALL TRAFFIC SHIFTED TO NEW EASTBOUND AND WESTBOUND LANES.
144TH PLACE - 147TH STREET - 149TH STREET - 150TH STREET - ORLAND PARK PLACE (152ND ST.) - 153RD STREET - 156TH STREET		
SEE INTERSECTION STAGING DETAILS FOR CONSTRUCTION STAGING AND TRAFFIC ROUTING.		

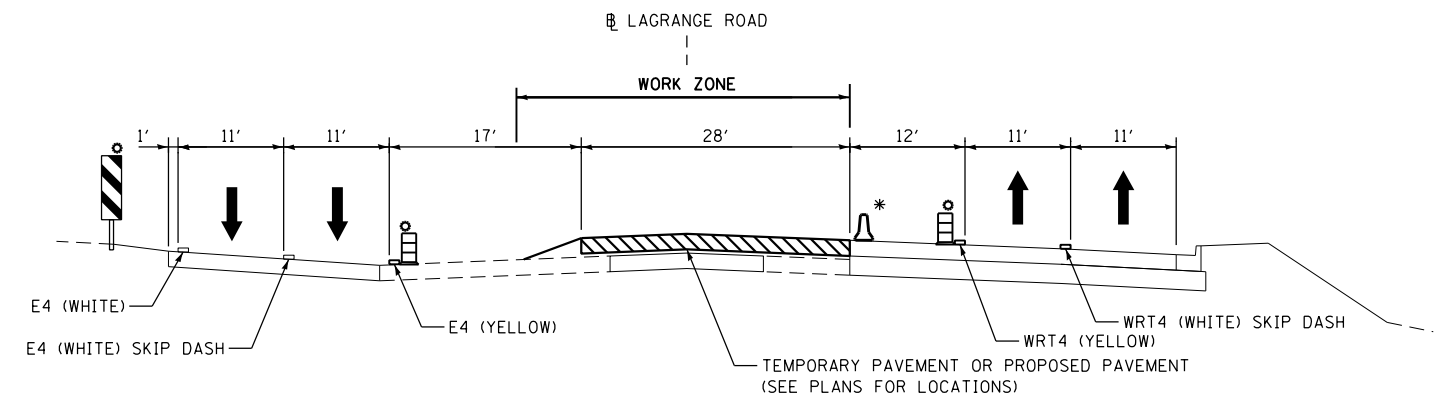


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	PLOT DATE = 3/15/2013	CHECKED - ---	REVISED -
		DATE - 03/13/2013	REVISED -

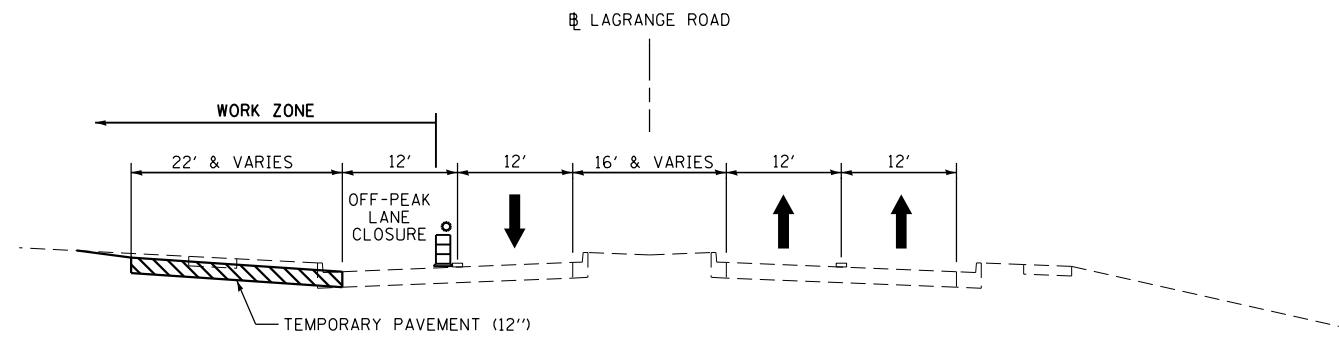
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 84
MN-03		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



**LAGRANGE ROAD TYPICAL SECTION - PRE-STAGE
(MEDIAN TEMPORARY PAVEMENT)**

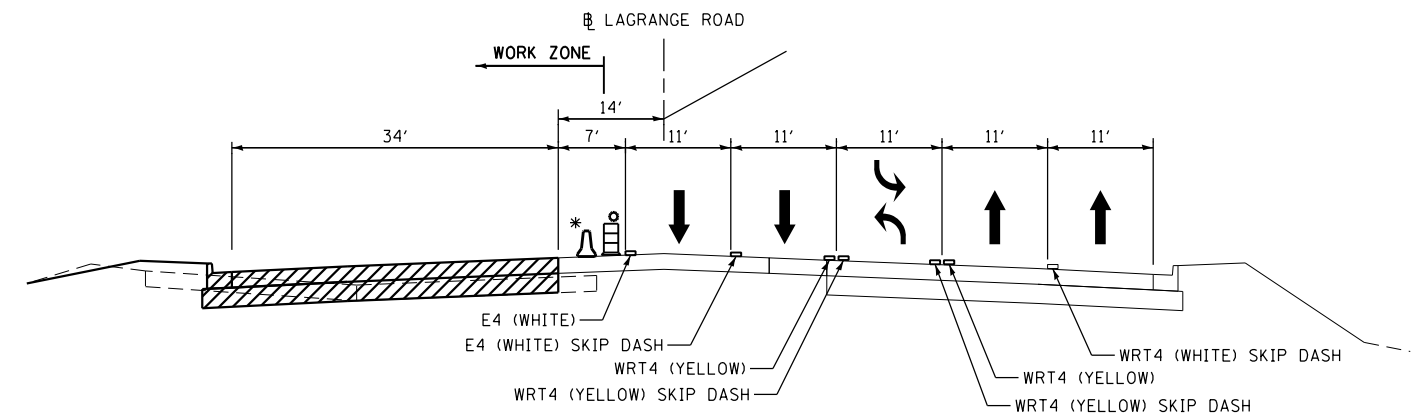


**LAGRANGE ROAD TYPICAL SECTION - STAGE 2
(MEDIAN TEMPORARY PAVEMENT)**

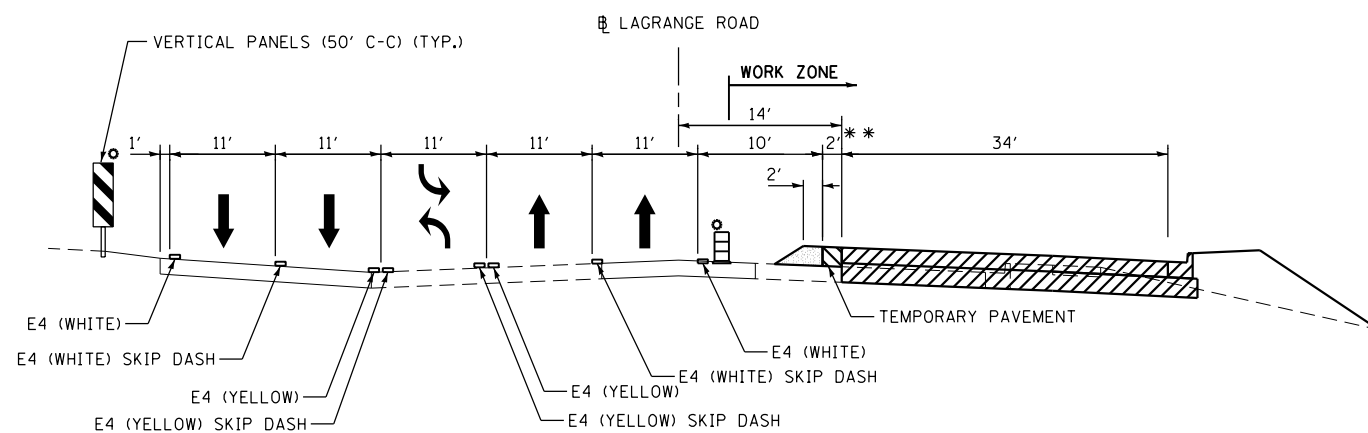


**LAGRANGE ROAD TYPICAL SECTION - PRE-STAGE
(SOUTHBOUND TEMPORARY PAVEMENT)**

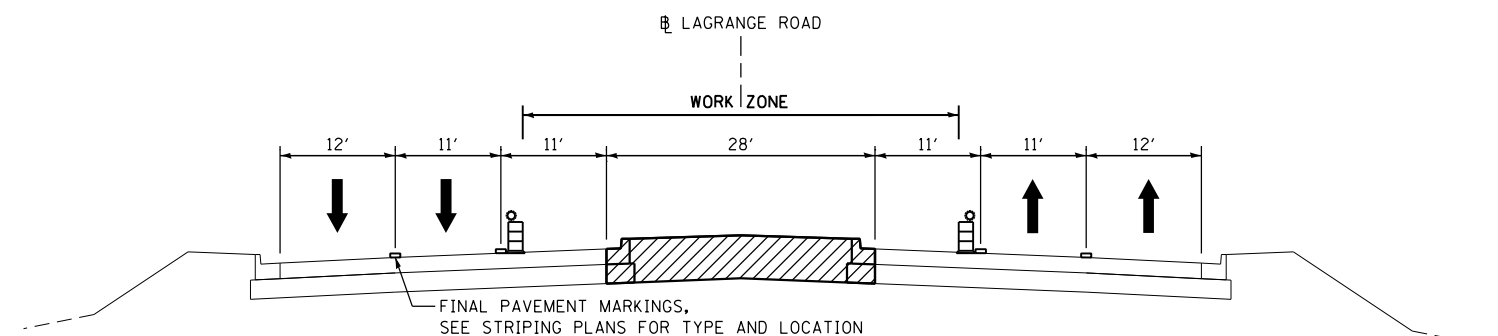
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222+44 TO 235+06, 235+73 TO 248+27, 249+07 TO 264+92
265+26 TO 272+49



**LAGRANGE ROAD TYPICAL SECTION - STAGE 3
(SOUTHBOUND LANES)**



**LAGRANGE ROAD TYPICAL SECTION - STAGE 1
(NORTHBOUND LANES & MEDIAN TEMPORARY PAVEMENT)**



**LAGRANGE ROAD TYPICAL SECTION - STAGE 4
(PROPOSED MEDIAN)**

LEGEND

- E4, (E6) = EPOXY PAVEMENT MARKING - LINE 4" (6")
- WRT4, (WRT6) = WET REFLECTIVE TEMPORARY PAVEMENT TAPE TYPE III 4" (6"), SPECIAL
- TEMPORARY PAVEMENT
- PROPOSED PAVEMENT
- AGGREGATE SHOULDER (AT LEFT TURN LANES)
- EXISTING PAVEMENT MARKING FROM PREVIOUS STAGE
- TEMPORARY/PROPOSED PAVEMENT MARKING

- * USE TEMPORARY CONCRETE BARRIER WHEN DROP-OFF HEIGHT IS $\geq 24"$.
- ** BASE FOR TEMPORARY CONCRETE BARRIER. SEE PLANS FOR LOCATIONS.

100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998

URS

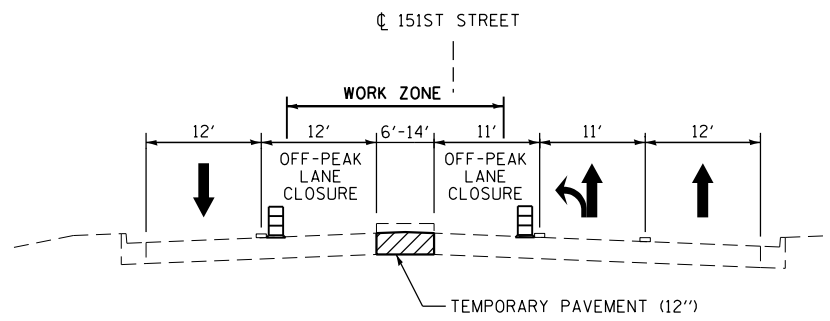
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		DRAWN - YSK	REVISED -
		CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

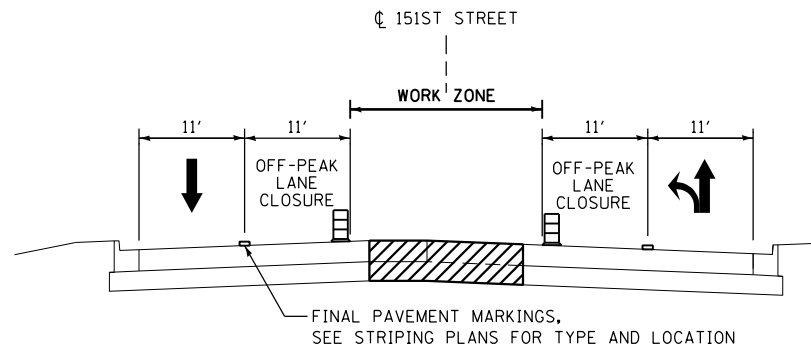
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS**

SCALE: SHEET 4 OF 2 SHEETS STA. TO STA.

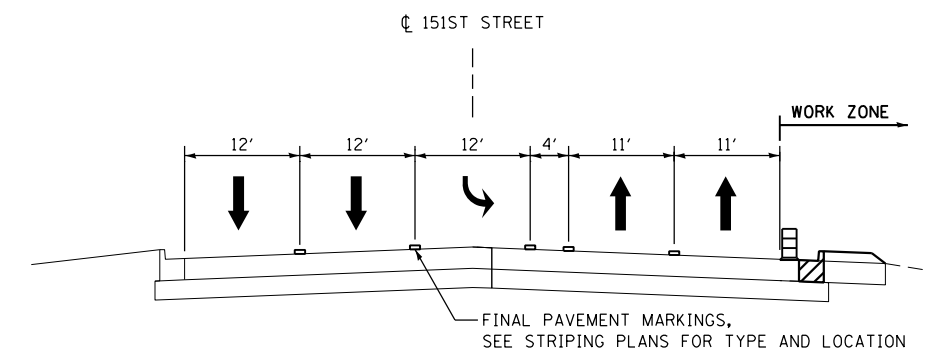
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	85
MN-04		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



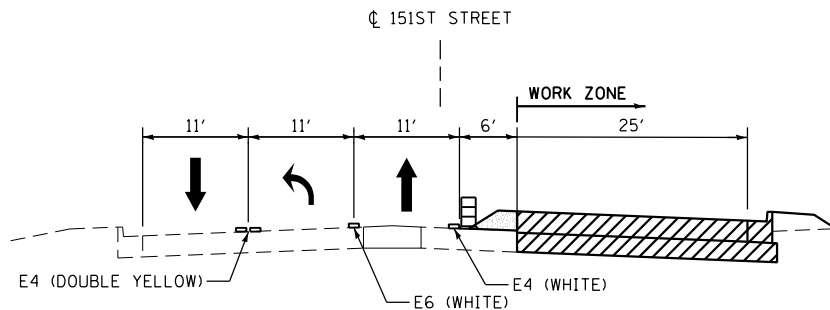
**151ST STREET TYPICAL SECTION - PRE-STAGE (OFF PEAK)
MEDIAN TEMPORARY PAVEMENT (WEST OF LAGRANGE)**



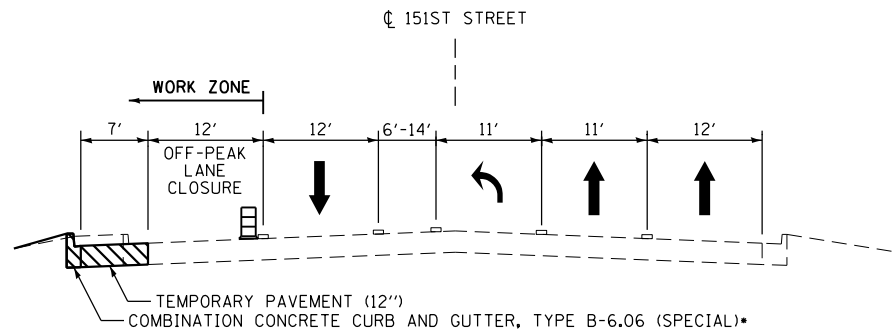
151ST STREET TYPICAL SECTION - STAGE C (WEST OF LAGRANGE)



151ST STREET TYPICAL SECTION - STAGE C (EAST OF LAGRANGE)

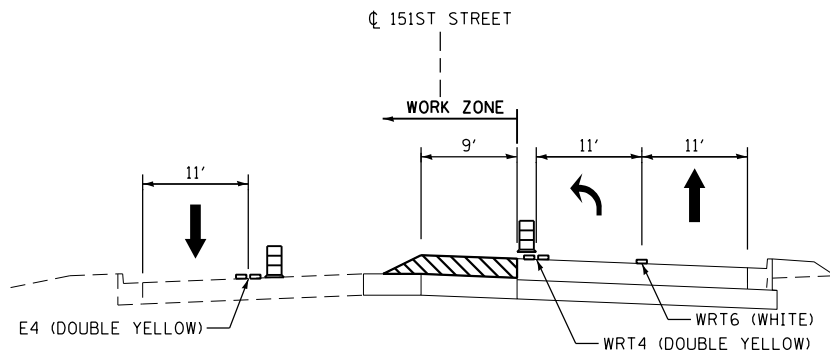


151ST STREET TYPICAL SECTION - STAGE A (WEST OF LAGRANGE)

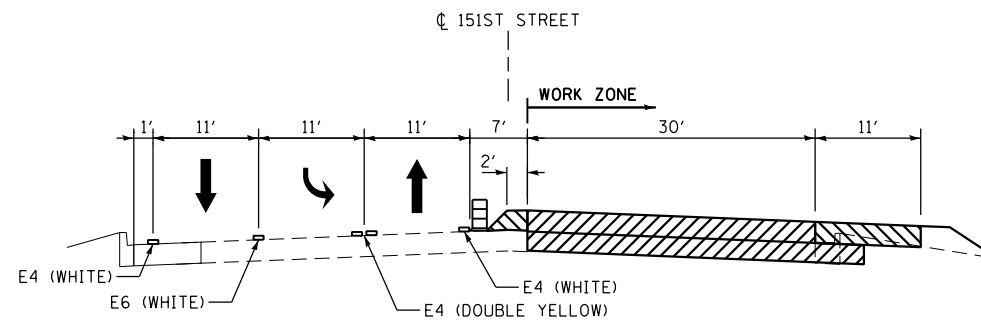


**151ST STREET TYPICAL SECTION - PRE-STAGE (OFF PEAK)
TEMPORARY PAVEMENT (EAST OF LAGRANGE)**

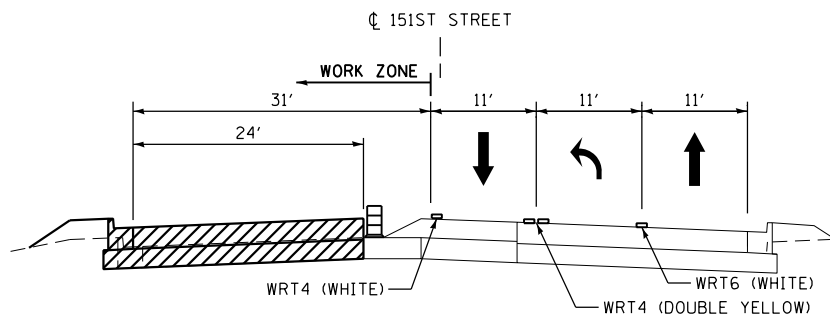
• STATIONS 529+98 TO 534+00



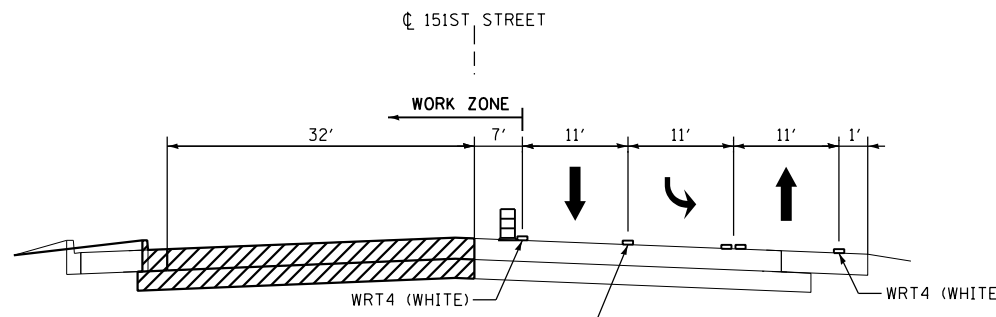
151ST STREET TYPICAL SECTION - STAGE AA (WEST OF LAGRANGE)



151ST STREET TYPICAL SECTION - STAGE A (EAST OF LAGRANGE)



151ST STREET TYPICAL SECTION - STAGE B (WEST OF LAGRANGE)



151ST STREET TYPICAL SECTION - STAGE B (EAST OF LAGRANGE)

LEGEND

- E4, (E6) = EPOXY PAVEMENT MARKING - LINE 4" (6")
- WRT4, (WRT6) = WET REFLECTIVE TEMPORARY PAVEMENT TAPE TYPE III 4" (6"), SPECIAL
- TEMPORARY PAVEMENT
- PROPOSED PAVEMENT
- AGGREGATE SHOULDER (AT LEFT TURN LANES)
- EXISTING PAVEMENT MARKING FROM PREVIOUS STAGE
- TEMPORARY/PROPOSED PAVEMENT MARKING

FILE NAME = D160M61-SHT-STAGING05.dgn	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	86
MN-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DETOUR GENERAL NOTES

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012, THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE LENGTH OF DURATION OF THE DETOURED ROADS.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER WILL CONTACT THE APPROPRIATE OFFICIALS AND INTERESTED PARTIES.
4. THE ROADS SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND APPROVED BY THE ENGINEER.
5. THE CONTRACTOR SHALL MAKE ALL CHANGES IN THE SIGNING THAT ARE DEEMED NECESSARY BY THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL BARRICADES, SIGNS, LIGHTS, AND OTHER TRAFFIC CONTROL DEVICES, INSTALLED BY HIM, THAT ARE IN PLACE AND OPERATING 24 HOURS A DAY, 7 DAYS A WEEK, FOR THE DURATION OF THIS DETOUR.
7. ALL EXISTING SIGNING THAT DOES NOT APPLY AND/OR CONFLICTS WITH THE DETOUR ROUTE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR.
8. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
9. ALL DETOUR SIGNING DESIGNATED WITH "(O)" IN THE SIGN CODE SHALL HAVE BLACK LEGENDS ON ORANGE HIGH INTENSITY BACKGROUNDS AND STANDARD BLACK BORDERS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION.
10. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 DETAIL TC-21.
11. TYPE III BARRICADES, AND THEIR APPLICATION, SHALL CONFORM TO HIGHWAY STANDARD 701901.
12. THE "ROAD CLOSED" SIGN ON A TYPE III BARRICADES SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE AS SHOWN IN THE SIGN LEGEND. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE 'A' LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
13. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES AT ANY TIME. ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
14. THE ENGINEER SHALL BE NOTIFIED AT LEAST THREE (3) DAYS PRIOR TO THE REMOVAL OF THE DETOUR. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL OFFICIALS AND INTERESTED PARTIES.
15. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL FLASH THE MESSAGE SHOWN IN THE SIGN LEGEND. TWO PHASES SHALL BE USED. EACH PHASE SHALL BE DISPLAYED FOR 3 SECONDS WITH A MAXIMUM CYCLE OF 6 SECONDS. LETTERS SHALL BE 18 INCHES HIGH AND ALL UPPER-CASE. CHANGEABLE MESSAGE SIGNS SHALL COMPLY WITH THE REQUIREMENTS IN SECTION 6F.60 OF THE 2009 MUTCD.
16. NO CONSECUTIVE STREETS SHALL BE COMPLETELY CLOSED DURING THE CONSTRUCTION.
17. DRIVEWAYS EXITING TO SIDE STREET CLOSURES SHALL BE CLOSED WITH TYPE III BARRICADES. THE LAGRANGE ROAD DRIVEWAY SERVING A PROPERTY SHALL REMAIN OPEN AT ALL TIMES DURING CLOSURE OF THE SIDE STREET DRIVEWAY. FOR PROPERTIES WITH ONLY ONE DRIVEWAY EXITING TO A SIDE STREET CLOSURE, ACCESS SHALL BE PROVIDED AS SPECIFIED IN THE SPECIAL PROVISION FOR "AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS".

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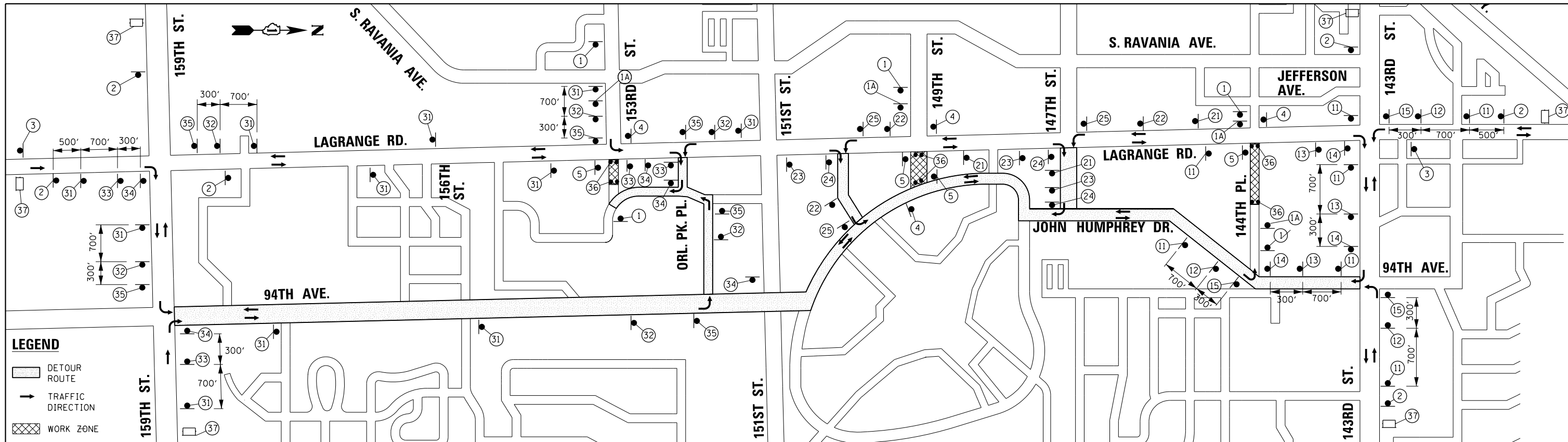
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D160M61-SHT-DETOUR 1.dgn		DRAWN - BA	REVISED -
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SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 (LAGRANGE ROAD) - DETOUR PLAN
GENERAL NOTES**

SCALE: NTS SHEET 1 OF 5 SHEETS STA. TO STA.

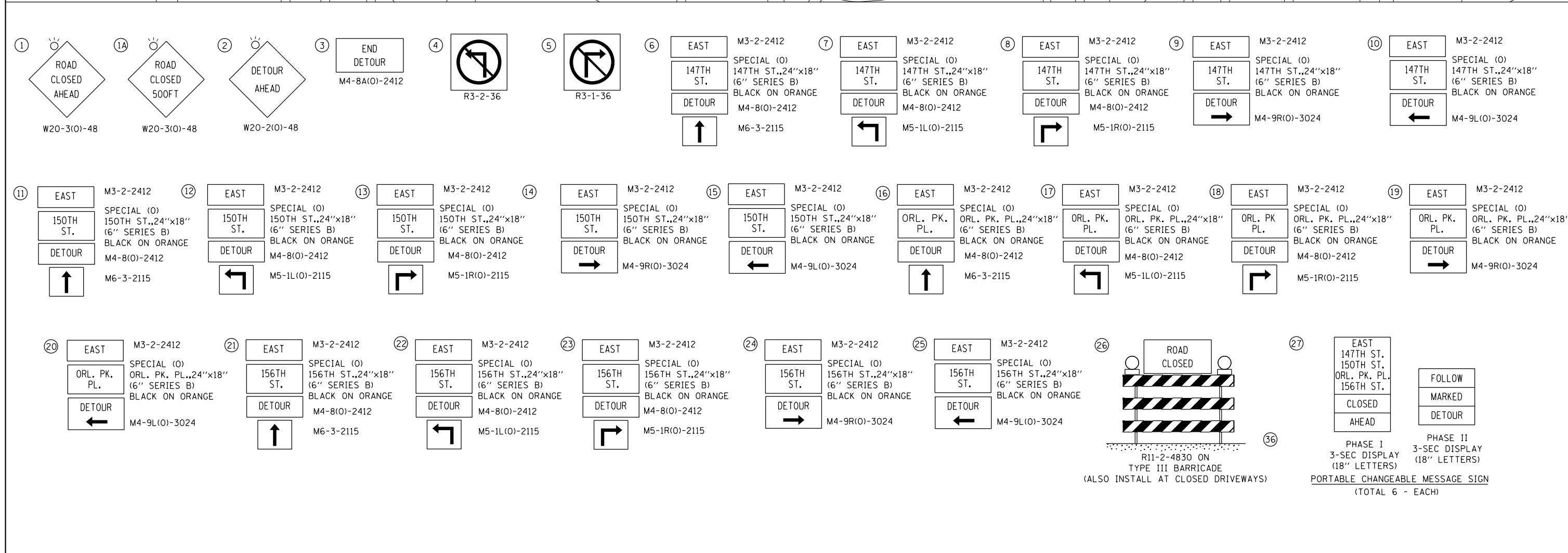
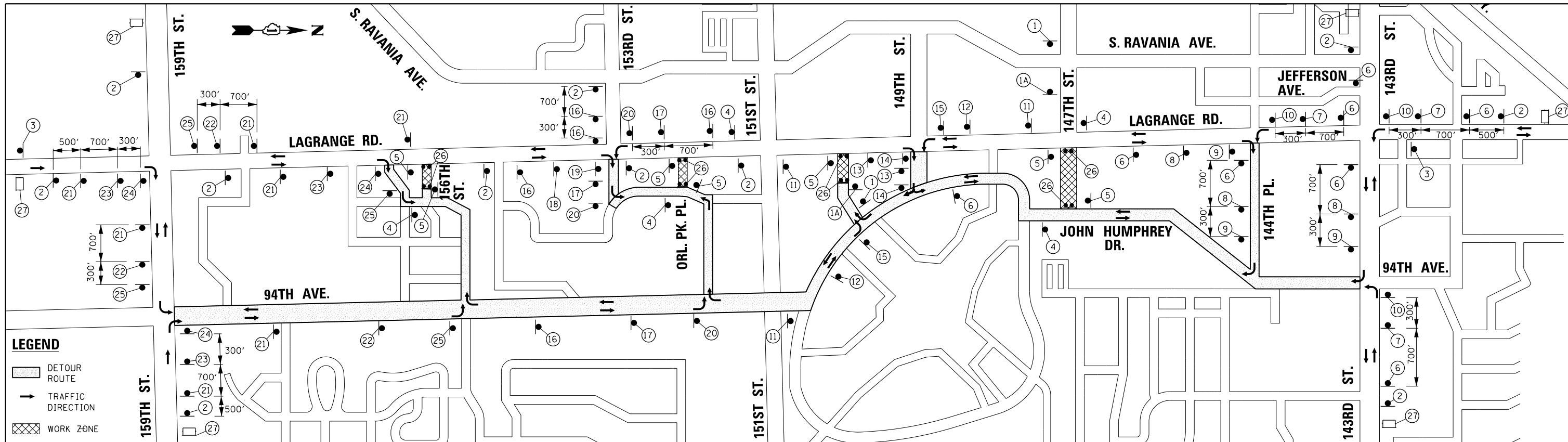
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	87
MN-06		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



1 ROAD CLOSED AHEAD W20-3(O)-48	1A ROAD CLOSED 500 FT W20-3(O)-48	2 DETOUR AHEAD W20-2(O)-48	3 END DETOUR M4-8A(O)-2412	4 NO LEFT TURN R3-2-36	5 NO RIGHT TURN R3-1-36	6 WEST 144TH PL. DETOUR M3-4-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	7 WEST 144TH PL. DETOUR M3-4-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	8 WEST 144TH PL. DETOUR M3-4-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	9 WEST 144TH PL. DETOUR M3-4-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	10 WEST 144TH PL. DETOUR M3-4-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	11 EAST 144TH PL. DETOUR M3-2-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115														
12 EAST 144TH PL. DETOUR M3-2-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	13 EAST 144TH PL. DETOUR M3-2-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	14 EAST 144TH PL. DETOUR M3-2-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	15 EAST 144TH PL. DETOUR M3-2-2412 SPECIAL (O) 144TH PL., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	16 WEST 149TH ST. DETOUR M3-4-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	17 WEST 149TH ST. DETOUR M3-4-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	18 WEST 149TH ST. DETOUR M3-4-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	19 WEST 149TH ST. DETOUR M3-4-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	20 WEST 149TH ST. DETOUR M3-4-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	21 EAST 149TH ST. DETOUR M3-2-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	22 EAST 149TH ST. DETOUR M3-2-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	23 EAST 149TH ST. DETOUR M3-2-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	24 EAST 149TH ST. DETOUR M3-2-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	25 EAST 149TH ST. DETOUR M3-2-2412 SPECIAL (O) 149TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	26 WEST 153RD ST. DETOUR M3-4-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	27 WEST 153RD ST. DETOUR M3-4-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	28 WEST 153RD ST. DETOUR M3-4-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	29 WEST 153RD ST. DETOUR M3-4-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	30 WEST 153RD ST. DETOUR M3-4-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	31 EAST 153RD ST. DETOUR M3-2-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	32 EAST 153RD ST. DETOUR M3-2-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	33 EAST 153RD ST. DETOUR M3-2-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	34 EAST 153RD ST. DETOUR M3-2-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	35 EAST 153RD ST. DETOUR M3-2-2412 SPECIAL (O) 153RD ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024	36 ROAD CLOSED R11-2-4830 ON TYPE III BARRICADE (ALSO INSTALL AT CLOSED DRIVEWAYS)	37 EAST 144TH PL. 153RD ST. CLOSED AHEAD FOLLOW MARKED DETOUR PHASE I 3-SEC DISPLAY (18" LETTERS) PHASE II 3-SEC DISPLAY (18" LETTERS) PORTABLE CHANGEABLE MESSAGE SIGN (TOTAL 6 - EACH)

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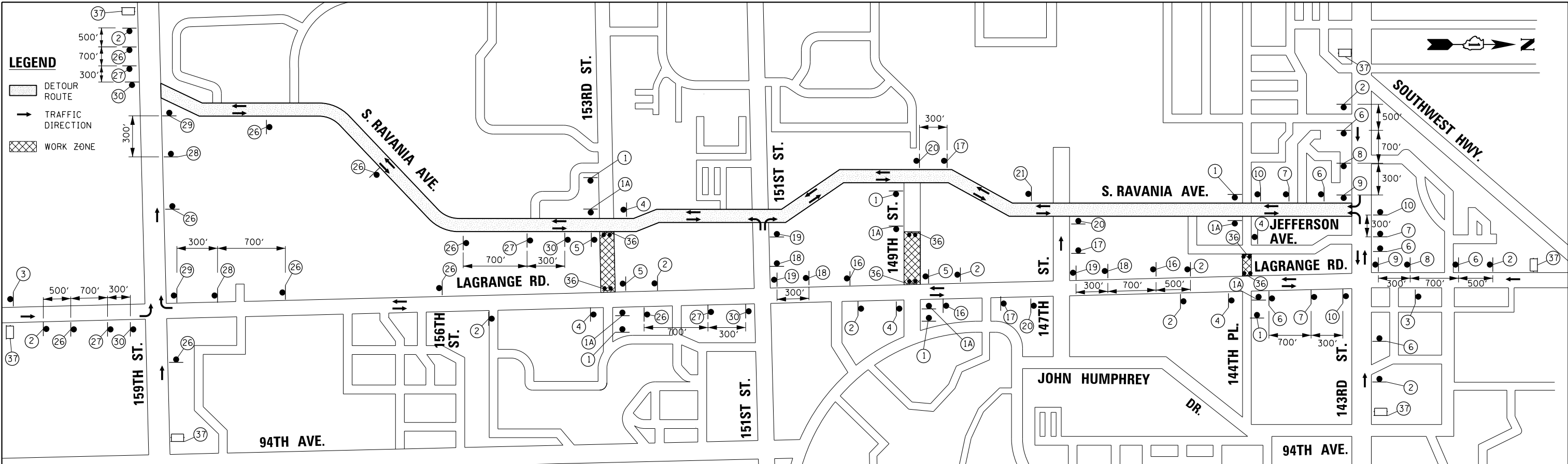
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SHT.PLAN	PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -		SCALE: NTS	SHEET 2 OF 5 SHEETS	STA. TO STA.	MN-07		CONTRACT NO. 60M61	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -								



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FILE NAME = D160M61-SHT-DETOUR 3.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN - EAST LEG CLOSURE 147TH STREET, 150TH STREET, ORLAND PARK PLACE & 156TH STREET AT US 45 (LAGRANGE ROAD)	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 89
SHT.PLAN	PLOT SCALE = 20.0000' / in. PLOT DATE = 3/15/2013	CHECKED - RCH DATE - 03/13/2013	REVISED - REVISED - REVISED - REVISED -		SCALE: NTS	SHEET 3 OF 5 SHEETS	STA. TO STA.	MN-08		CONTRACT NO. 60M61 ILLINOIS FED. AID PROJECT	



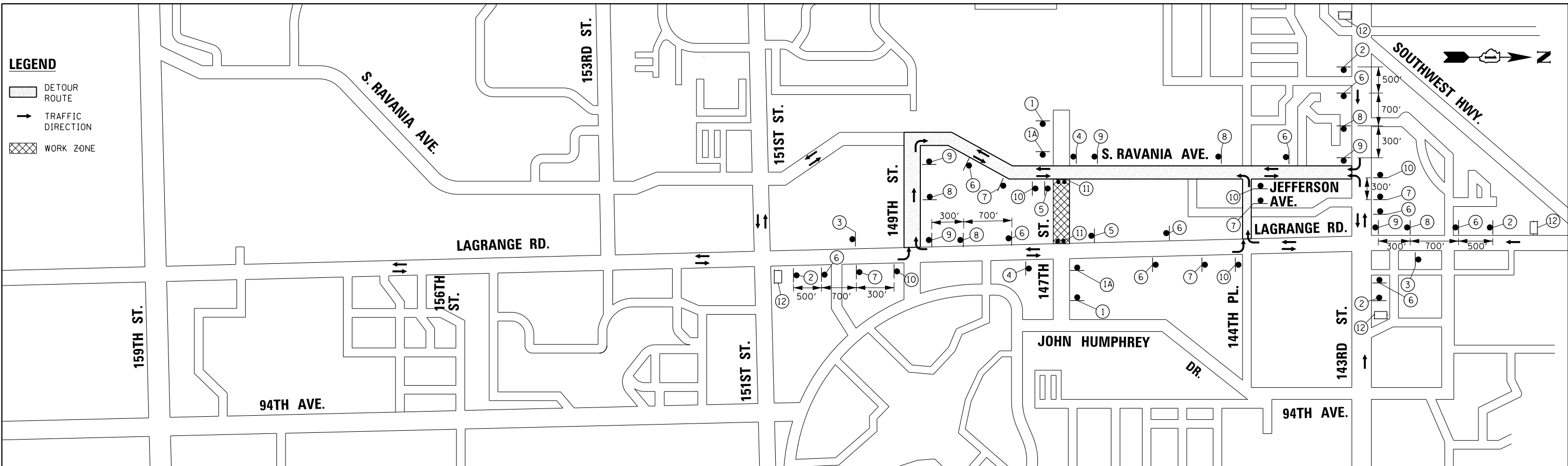
1	ROAD CLOSED AHEAD W20-3(0)-48	1A	ROAD CLOSED 500FT W20-3(0)-48	2	DETOUR AHEAD W20-2(0)-48	3	END DETOUR M4-8A(0)-2412	4	R3-2-36	5	R3-1-36	6	WEST 144TH PL DETOUR M4-8(0)-2412	7	WEST 144TH PL DETOUR M4-8(0)-2412	8	WEST 144TH PL DETOUR M4-8(0)-2412	9	WEST 144TH PL DETOUR M4-9(0)-3024	10	WEST 144TH PL DETOUR M4-9(0)-3024	11	EAST 144TH PL DETOUR M6-3-2115																												
12	EAST 144TH PL DETOUR M5-1L(0)-2115	13	EAST 144TH PL DETOUR M5-1R(0)-2115	14	EAST 144TH PL DETOUR M4-9R(0)-3024	15	EAST 144TH PL DETOUR M4-9L(0)-3024	16	WEST 149TH ST. DETOUR M6-3-2115	17	WEST 149TH ST. DETOUR M5-1L(0)-2115	18	WEST 149TH ST. DETOUR M5-1R(0)-2115	19	WEST 149TH ST. DETOUR M4-9R(0)-3024	20	WEST 149TH ST. DETOUR M4-9L(0)-3024	21	EAST 149TH ST. DETOUR M6-3-2115	22	EAST 149TH ST. DETOUR M5-1L(0)-2115	23	EAST 149TH ST. DETOUR M5-1R(0)-2115	24	EAST 149TH ST. DETOUR M4-9R(0)-3024	25	EAST 149TH ST. DETOUR M4-9L(0)-3024	26	WEST 153RD ST. DETOUR M6-3-2115	27	WEST 153RD ST. DETOUR M5-1L(0)-2115	28	WEST 153RD ST. DETOUR M5-1R(0)-2115	29	WEST 153RD ST. DETOUR M4-9R(0)-3024	30	WEST 153RD ST. DETOUR M4-9L(0)-3024	31	EAST 153RD ST. DETOUR M6-3-2115	32	EAST 153RD ST. DETOUR M4-8(0)-2412	33	EAST 153RD ST. DETOUR M5-1L(0)-2115	34	EAST 153RD ST. DETOUR M4-9R(0)-3024	35	EAST 153RD ST. DETOUR M4-9L(0)-3024	36	ROAD CLOSED R11-2-4830 ON TYPE III BARRICADE (ALSO INSTALL AT CLOSED DRIVEWAYS)	37	WEST 144TH PL, 149TH ST, 153RD ST. CLOSED AHEAD PHASE I 3-SEC DISPLAY (18" LETTERS) PHASE II 3-SEC DISPLAY (18" LETTERS) PORTABLE CHANGEABLE MESSAGE SIGN (TOTAL 5 - EACH)

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FILE NAME = D160M61-SHT-DETOUR 4.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN - WEST LEG CLOSURE 144TH PLACE, 149TH STREET & 153RD STREET AT US 45 (LAGRANGE ROAD)		F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 90
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISIED -	REVISIED -		SCALE: NTS	SHEET 4 OF 5 SHEETS	STA. TO STA.	MN-09		CONTRACT NO. 60M61	
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISIED -						ILLINOIS FED. AID PROJECT		

LEGEND

- DETOUR ROUTE
- TRAFFIC DIRECTION
- WORK ZONE



①	①A	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
W20-3(O)-48	W20-3(O)-48	W20-2(O)-48	M4-8A(O)-2412	R3-2-36	R3-1-36	WEST 147TH ST. DETOUR M3-4-2412 SPECIAL (O) 147TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M6-3-2115	WEST 147TH ST. DETOUR M3-4-2412 SPECIAL (O) 147TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1L(O)-2115	WEST 147TH ST. DETOUR M3-4-2412 SPECIAL (O) 147TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-8(O)-2412 M5-1R(O)-2115	WEST 147TH ST. DETOUR M3-4-2412 SPECIAL (O) 147TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9R(O)-3024	WEST 147TH ST. DETOUR M3-4-2412 SPECIAL (O) 147TH ST., 24"x18" (6" SERIES B) BLACK ON ORANGE M4-9L(O)-3024

⑪	⑫
R11-2-4830 ON TYPE III BARRICADE (ALSO INSTALL AT CLOSED DRIVEWAYS)	PHASE I 3-SEC DISPLAY (18" LETTERS) PHASE II 3-SEC DISPLAY (18" LETTERS) FOLLOW MARKED DETOUR (TOTAL 4 - EACH)

100 S. WACKER DR.
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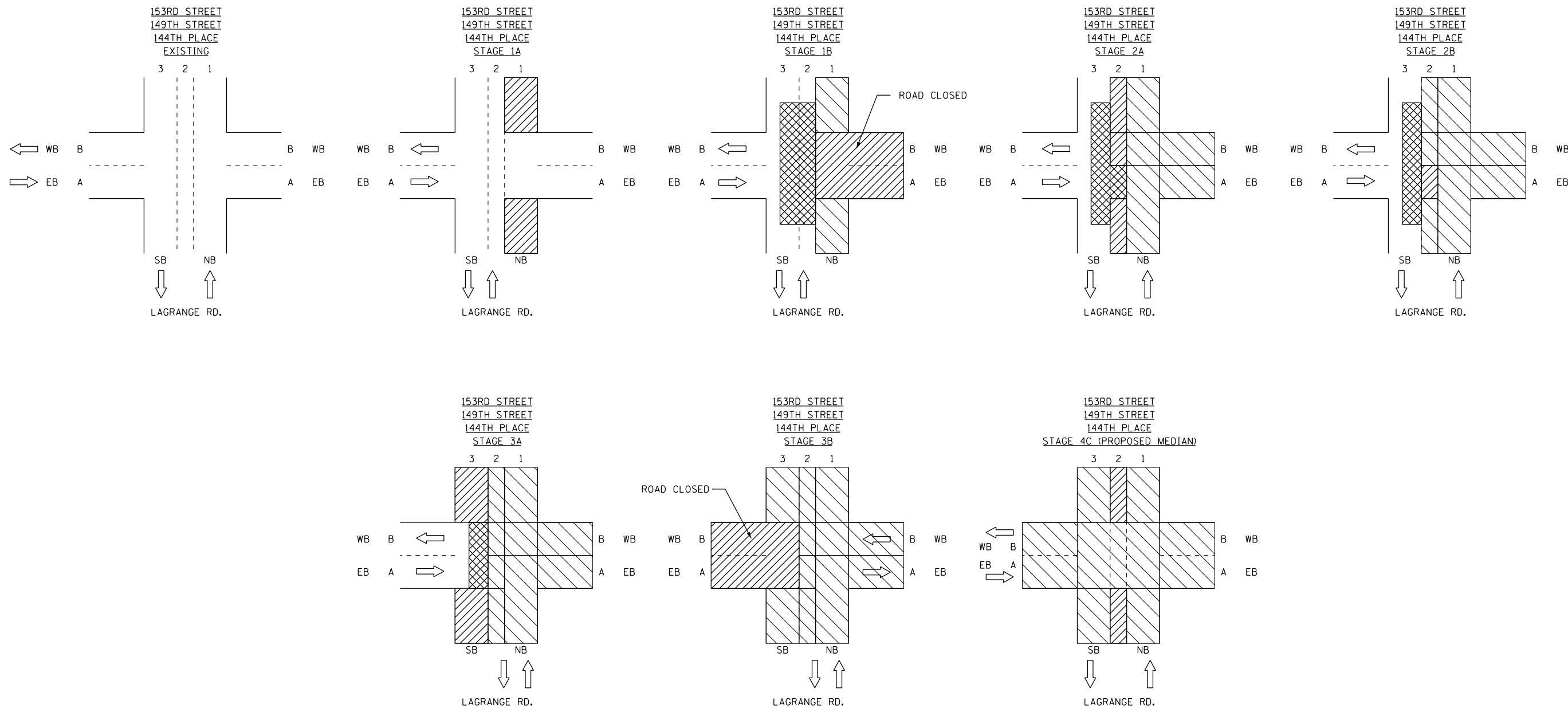
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		CHECKED - RCH	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN - WEST LEG CLOSURE
147TH STREET AT
US 45 (LAGRANGE ROAD)**

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 91
MN-10		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PAVEMENT CONSTRUCTED DURING STAGE
 - PAVEMENT CONSTRUCTED FROM PREVIOUS STAGES
 - TRAFFIC LOCATION (SEE MOT PLANS FOR SPECIFIC CONFIGURATION)
 - TEMPORARY PAVEMENT

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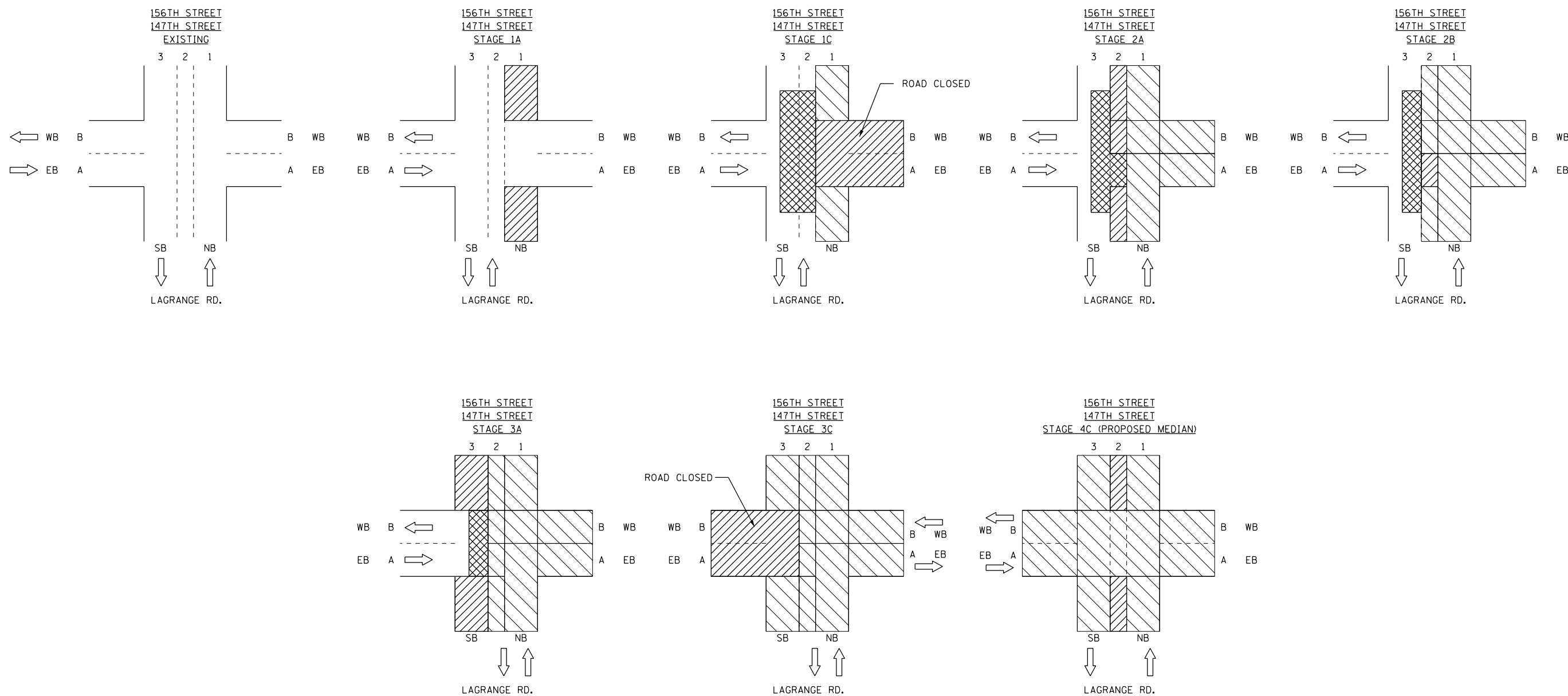
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		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
INTERSECTION STAGING DETAILS**

SCALE: SHEET 6 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	92
MN-11		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PAVEMENT CONSTRUCTED DURING STAGE
 - PAVEMENT CONSTRUCTED FROM PREVIOUS STAGES
 - TRAFFIC LOCATION (SEE MOT PLANS FOR SPECIFIC CONFIGURATION)
 - TEMPORARY PAVEMENT

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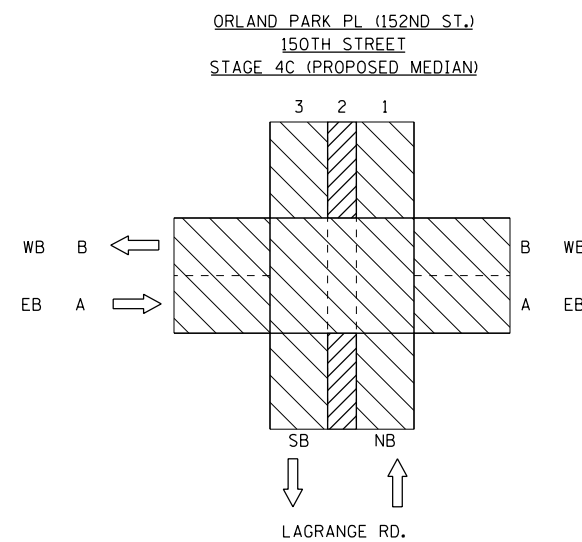
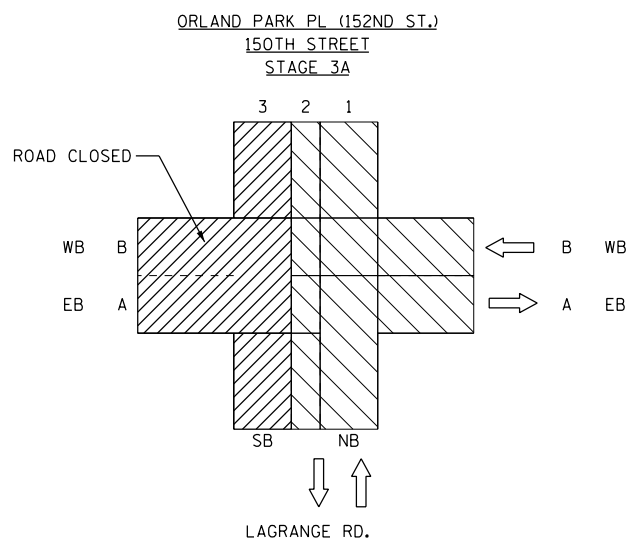
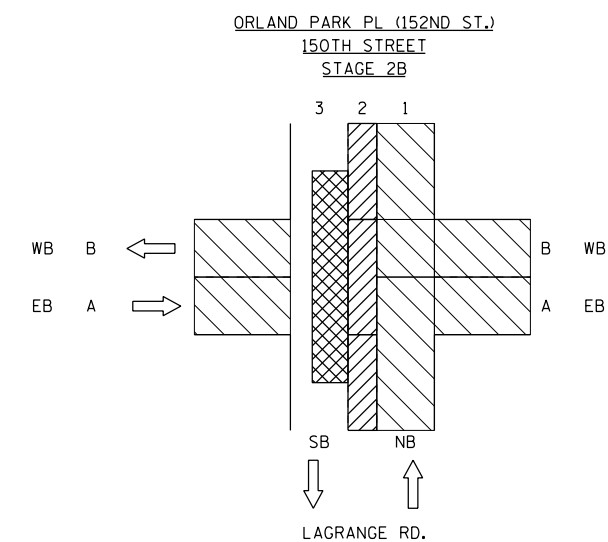
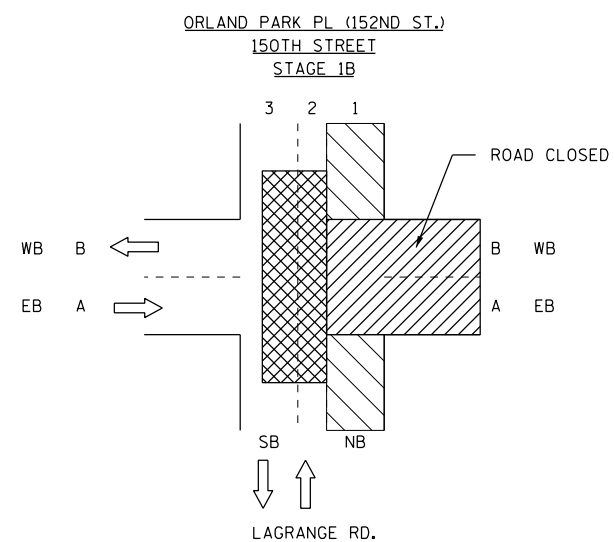
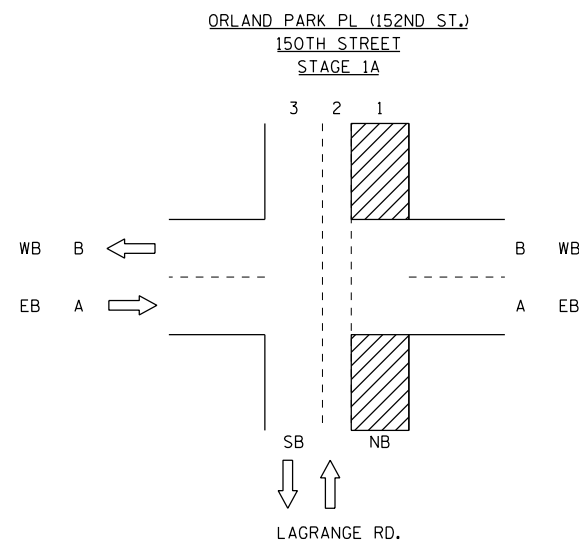
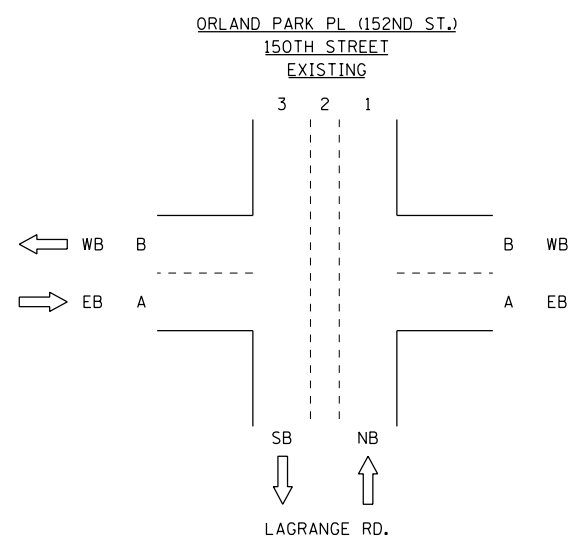
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
INTERSECTION STAGING DETAILS**

SCALE: SHEET 7 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	93
MN-12		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT CONSTRUCTED DURING STAGE
- PAVEMENT CONSTRUCTED FROM PREVIOUS STAGES
- TRAFFIC LOCATION (SEE MOT PLANS FOR SPECIFIC CONFIGURATION)
- TEMPORARY PAVEMENT

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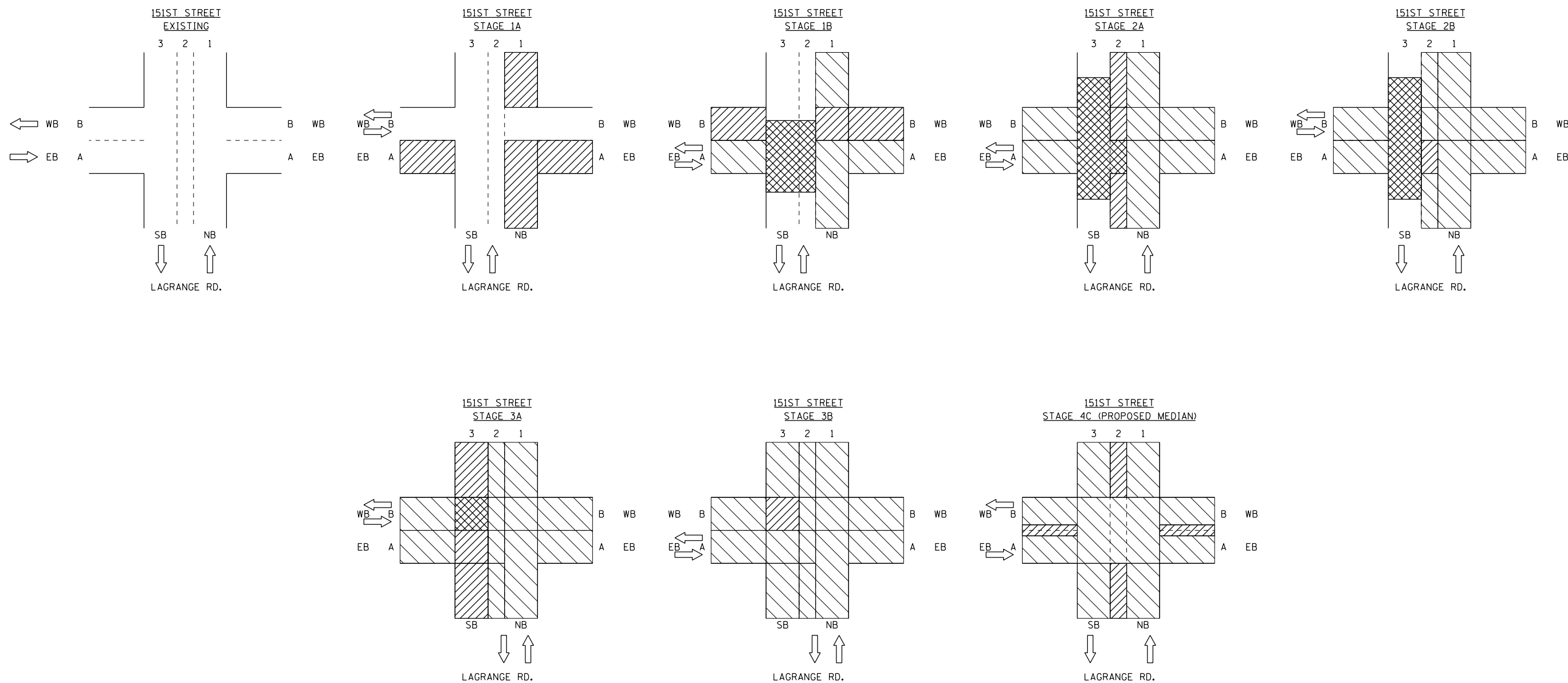
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		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
INTERSECTION STAGING DETAILS**

SCALE: SHEET 8 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	94
MN-13		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PAVEMENT CONSTRUCTED DURING STAGE
 - PAVEMENT CONSTRUCTED FROM PREVIOUS STAGES
 - TRAFFIC LOCATION (SEE MOT PLANS FOR SPECIFIC CONFIGURATION)
 - TEMPORARY PAVEMENT

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FILE NAME = D160M61-SHT-STAGING09.dgn	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -
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		DATE - 03/13/2013	REVISED -

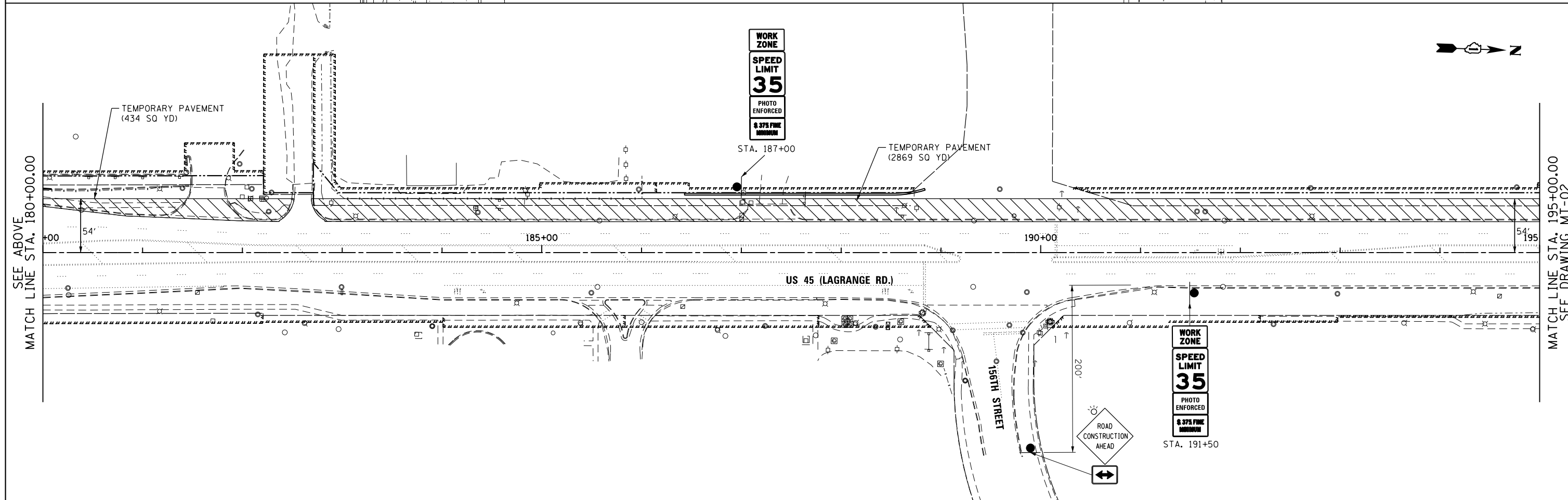
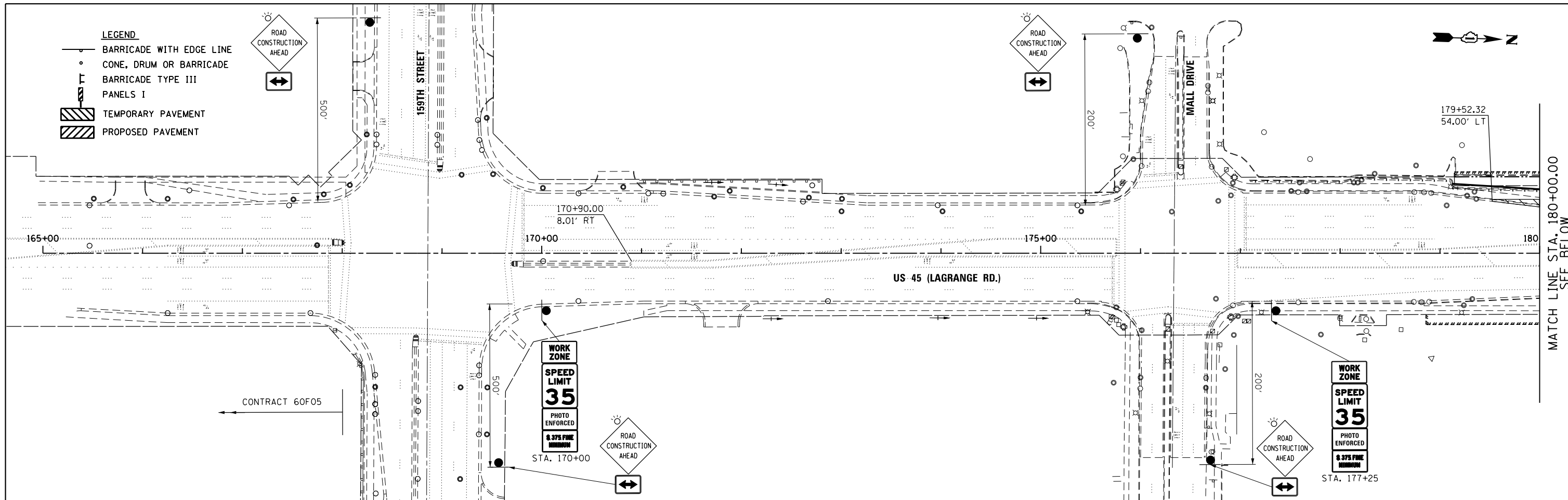
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
INTERSECTION STAGING DETAILS**

SCALE: SHEET 9 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	95
MN-14			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT



URS
 100 S. WACKER DR.
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

FILE NAME = D160M61-SHT-STAGING101.dgn
 SHT_DOUBLE PLAN

USER NAME = Anthony.Plutz
 DESIGNED - YSK
 DRAWN - YSK
 CHECKED - MJT
 DATE - 03/13/2013

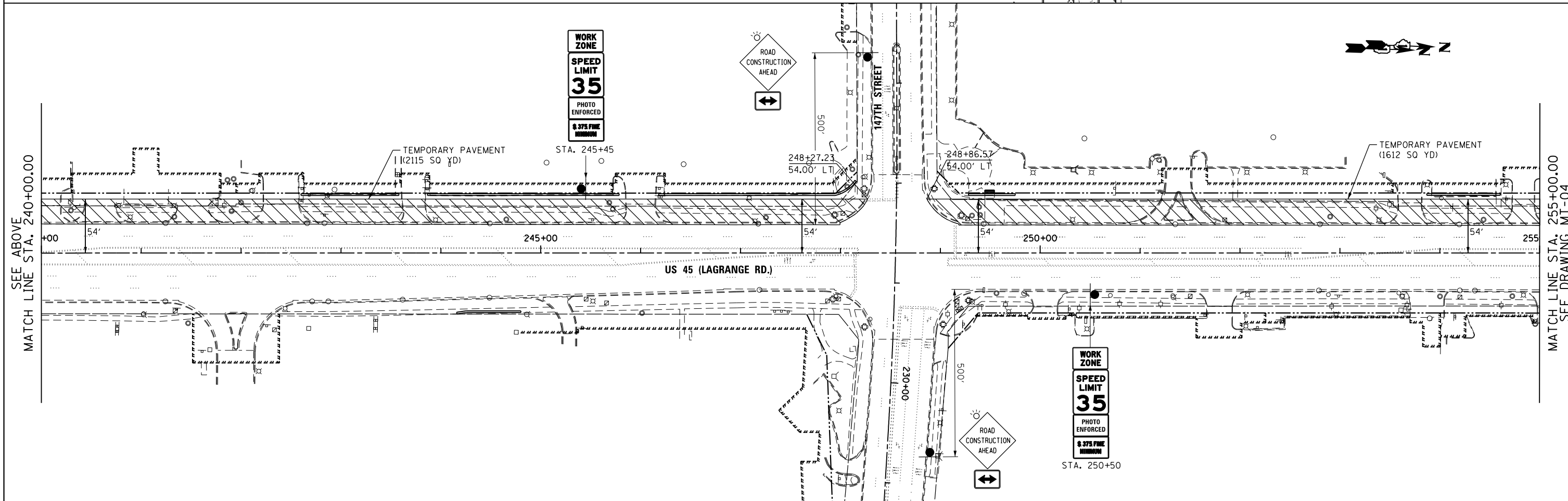
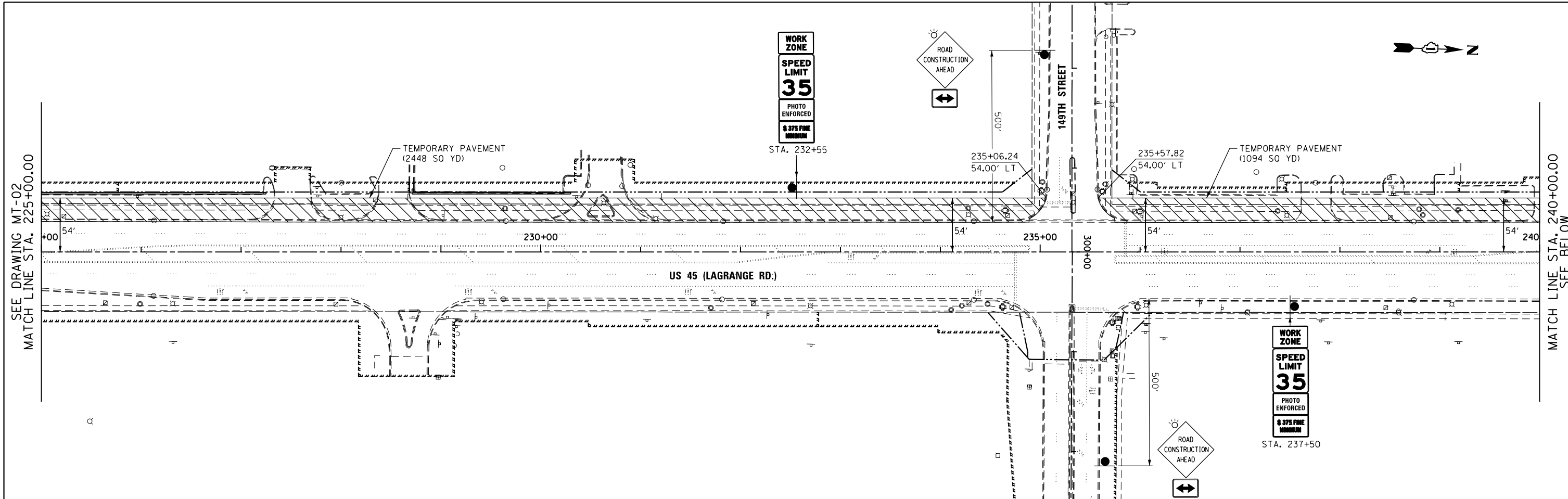
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 US 45 (LAGRANGE ROAD) PRE-STAGE PLAN**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	96
MT-01			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



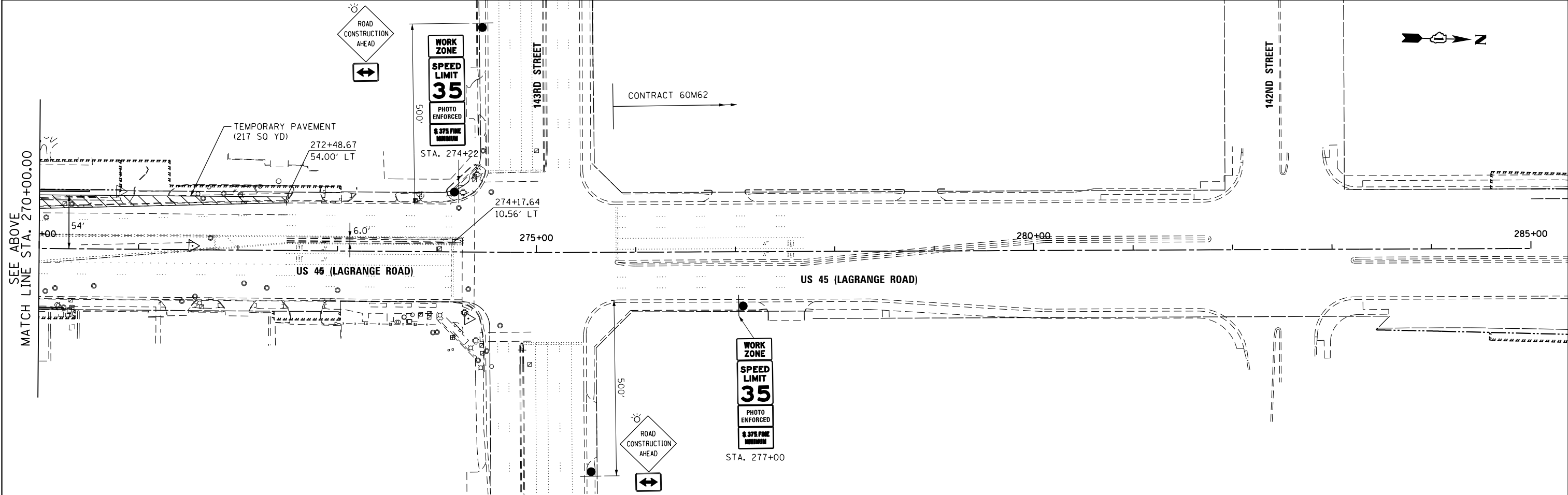
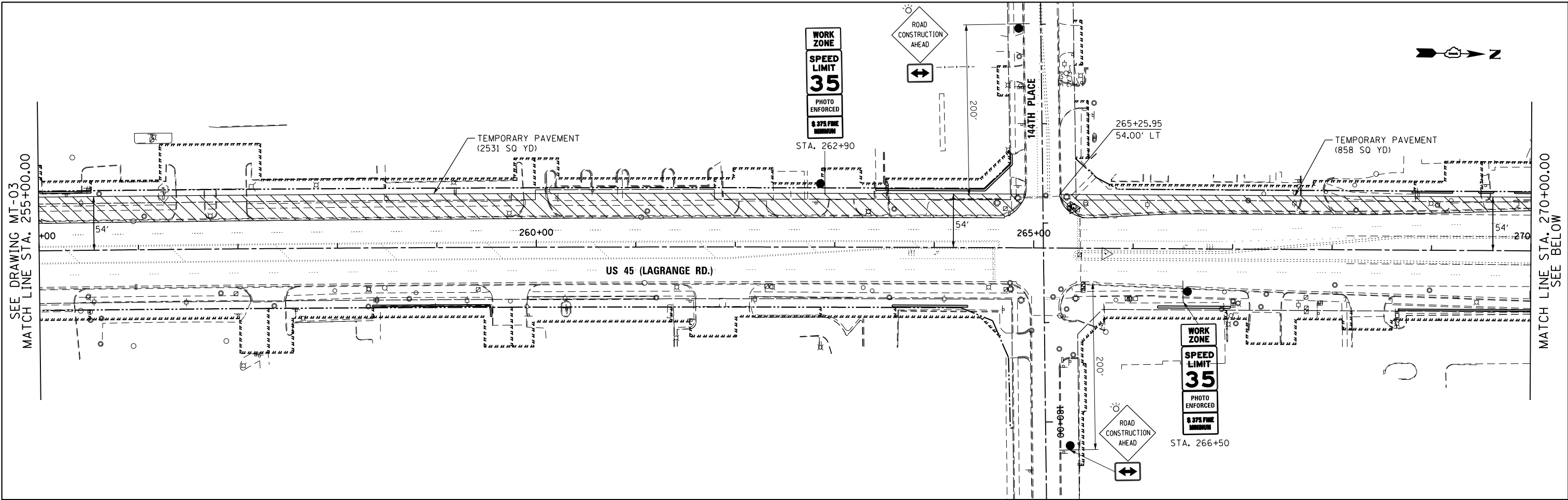
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
D160M61-SHT-STAGING103.dgn		DRAWN - YSK	REVISED -
	PLOT SCALE = 100.000000' / 1" =	CHECKED - MJT	REVISED -
SHT_DOUBLE.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

MAINTENANCE OF TRAFFIC PRE-STAGE PLAN	
US 45 (LAGRANGE ROAD)	
SCALE: 1"=50'	SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	98
MT-03		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'	SHEET 3 OF 4 SHEETS	STA. 225+00.00 TO STA. 255+00.00
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FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
D160M61-SHT-STAGING104.dgn		DRAWN - YSK	REVISED -
	PLOT SCALE = 100.000000' / 1" =	CHECKED - MJT	REVISED -
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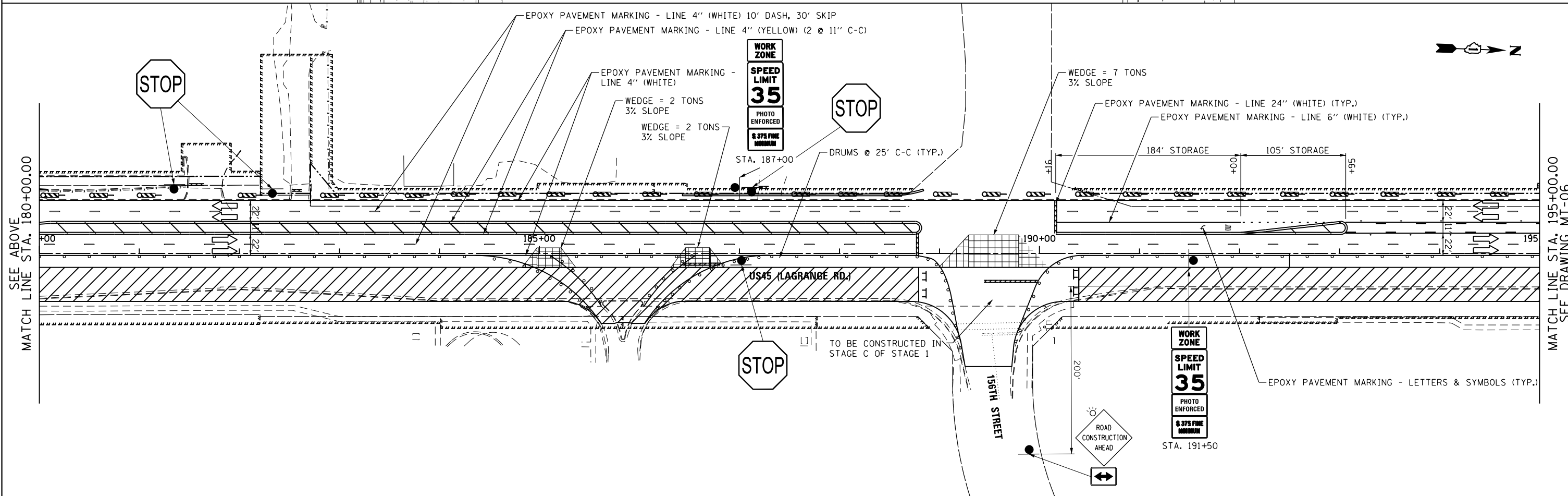
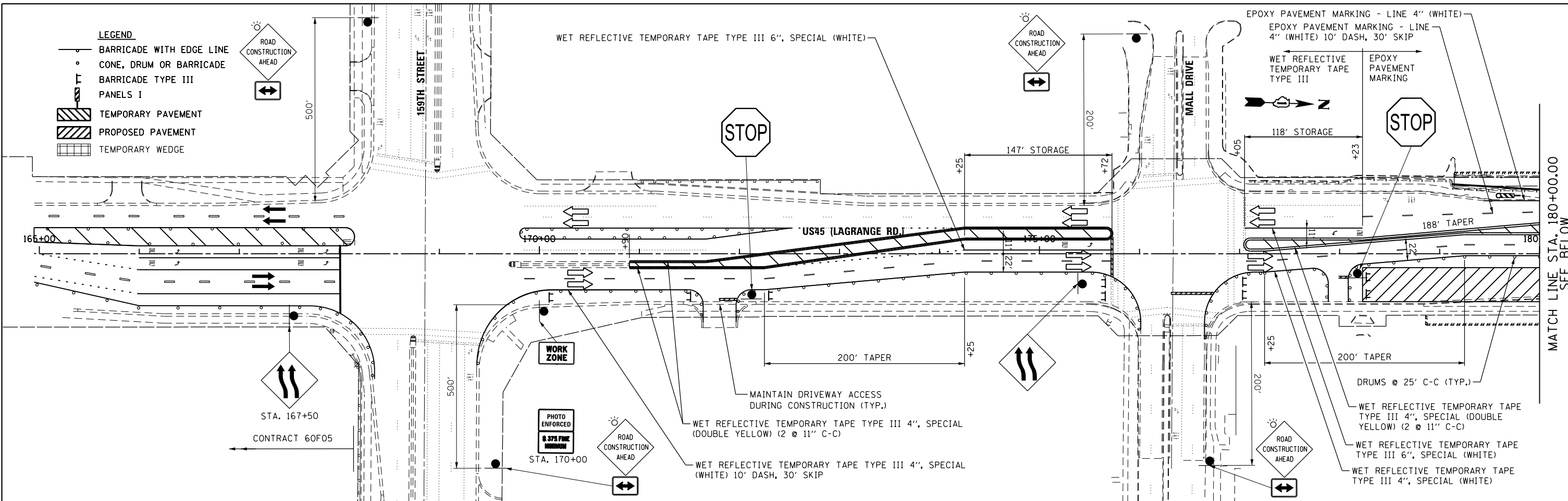
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PRE-STAGE PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	99
MT-04		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - TEMPORARY WEDGE



100 S. WACKER DR.
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FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
D160M61-SHT-STAGING105.dgn		DRAWN - YSK	REVISED -
	PLOT SCALE = 100.000000' / 1" =	CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 1 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	100
MT-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				