

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	15-00058-00-SW	COOK	15	1
FED. ROAD DIST. 1	ILLINOIS	CONTRACT NO. 61C09		

ROADWAY DATA

ROADWAY DESIGNATION:

- GUNNISON STREET = MINOR ARTERIAL
- MONTROSE AVENUE = MAJOR COLLECTOR
- SAYRE AVENUE = LOCAL STREET
- NEWLAND AVENUE = LOCAL STREET
- NEW ENGLAND AVENUE = LOCAL STREET
- NEWCASTLE AVENUE = LOCAL STREET
- LELAND AVENUE = LOCAL STREET
- CARL CASSATA SR. LANE = LOCAL STREET
- SUNNYSIDE AVENUE = LOCAL STREET

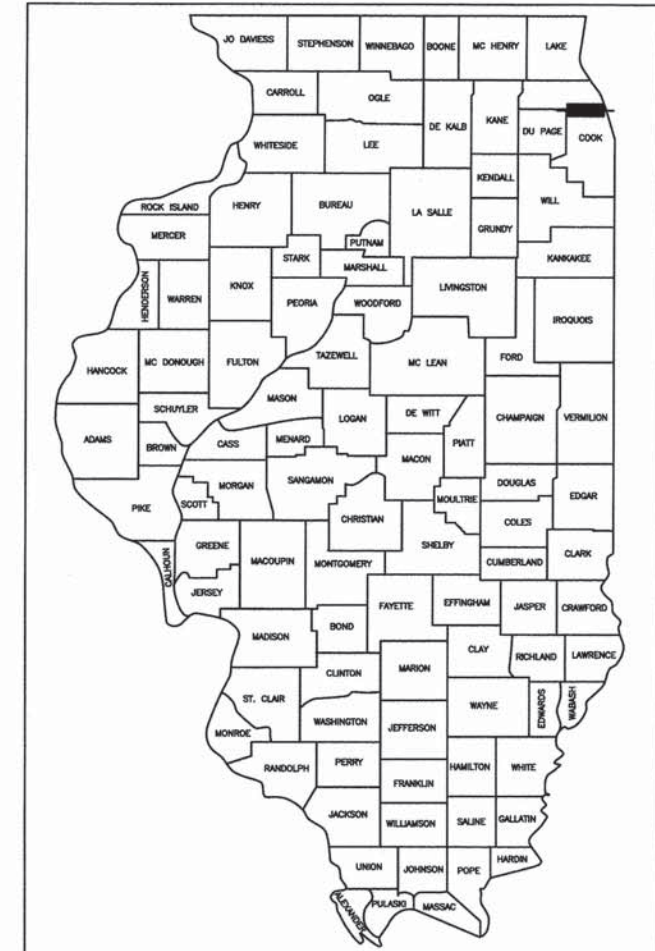
AVERAGE DAILY TRAFFIC (ADT):

- GUNNISON STREET = 15,550
- MONTROSE AVENUE = 24,300
- SAYRE AVENUE =
- NEWLAND AVENUE =
- NEW ENGLAND AVENUE =
- NEWCASTLE AVENUE =
- LELAND AVENUE =
- CARL CASSATA SR. LANE =
- SUNNYSIDE AVENUE =

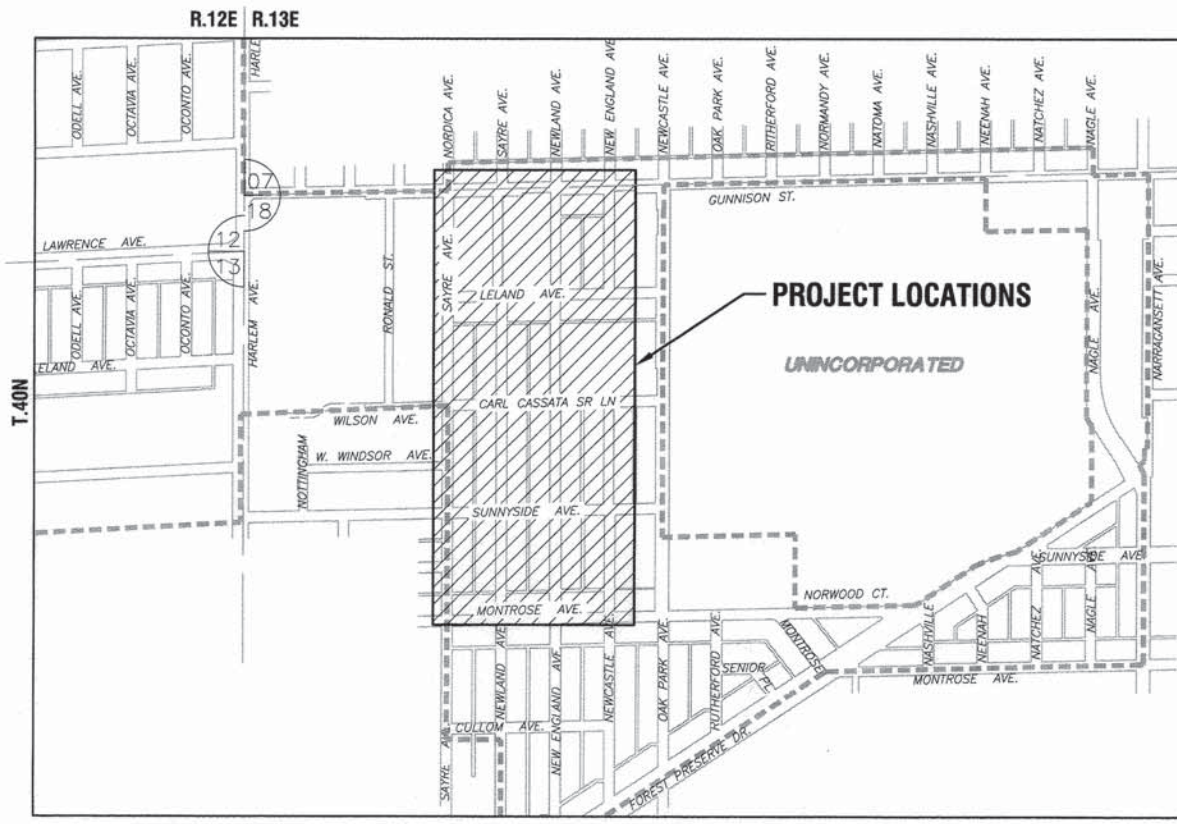
SPEED LIMIT (POSTED):

- GUNNISON STREET = 35 MPH
- MONTROSE AVENUE = 30 MPH
- SAYRE AVENUE = 20 MPH
- NEWLAND AVENUE = 20 MPH
- NEW ENGLAND AVENUE = 20 MPH
- NEWCASTLE AVENUE = 20 MPH
- LELAND AVENUE = 20 MPH
- CARL CASSATA SR. LANE = 20 MPH
- SUNNYSIDE AVENUE = 20 MPH

**VARIOUS LOCAL ROUTES
SIDEWALK REPLACEMENT
SECTION NO. 15-00058-00-SW
PROJECT SRTS-4009(337)
VILLAGE OF HARWOOD HEIGHTS
COOK COUNTY
C-91-305-15**



LOCATION OF SECTION INDICATED THIS: - [shaded area] -

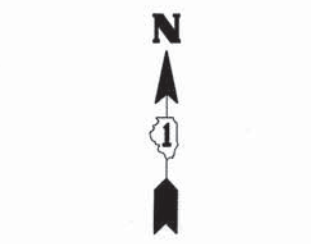


NW 1/4 OF SECTION 18

LOCATION MAP

N.T.S.

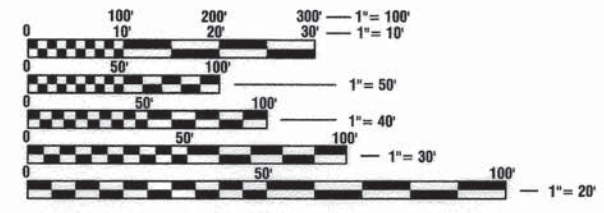
GROSS AND NET LENGTH = 1,350 FT. = 0.25 MILE



EXPIRES NOV. 30, 2017

Theodore G. Sianis
SIGNATURE

1/4/2016
DATE



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

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

PROJECT ENGINEER: BRETT R. BUTTERFIELD
PROJECT MANAGER: THEODORE G. SIANIS, P.E.

CONTRACT NO. 61C09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *January 5 2016*
William J. ...
VILLAGE OF HARWOOD HEIGHTS, MAYOR

PASSED *JANUARY 7 2016*
C. Holt
DISTRICT ONE ENGINEER OF
LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW
January 7 2016
John ...
DEPUTY DIRECTOR OF HIGHWAYS,
REGION 1 ENGINEER

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

DESIGN FIRM REGISTRATION
No. 184-000450

Clark Dietz
ENGINEERS

118 SOUTH CLINTON STREET
SUITE 700
CHICAGO, IL 60661
PHONE: 312.648.9900
FAX: 312.648.0204

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E., PTOE (847) 705-4021, SCHAMBAURG, IL

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS, SYMBOL LEGEND
3	SUMMARY OF QUANTITIES
4	LAYOUT MAP
5	INTERSECTION DETAILS & SIDEWALK TYPICAL SECTION
6-12	INTERSECTION PLANS
13-15	DISTRICT 1 DETAILS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C & D PATCHES
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-04	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS

DISTRICT 1 STANDARDS

TC 10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC 13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
BD 24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES 72 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION. SAID UTILITY COMPANIES WILL ESTABLISH ON THE GROUND, THE LOCATION OF UNDERGROUND PIPES, MAINS, CONDUITS OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.
2. CONTRACTOR SHALL NOTIFY GEORGE ASSIMAKOPOULOS, VILLAGE OF HARWOOD HEIGHTS PUBLIC WORKS, 708-867-7206, AND THEODORE SIANIS, CLARK DIETZ, INC., 847-688-1880, A MINIMUM OF 24 HOURS IN ADVANCE OF PERFORMING ANY WORK. RE-NOTIFICATION SHALL BE REQUIRED IF ANY PHASE OF WORK IS SUSPENDED FOR MORE THAN TWO (2) WORKING DAYS.
3. THE FOLLOWING CODES AND STANDARDS, AS APPLICABLE, SHALL GOVERN CONSTRUCTION UNDER THIS CONTRACT:
 - 3.1. STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2012 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JAN 1, 2015 AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
 - 3.2. STATE OF ILLINOIS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SEWER AND WATER SPECIFICATIONS.
 - 3.3. "MANUAL ON TRAFFIC CONTROL DEVICES", MILLENNIUM EDITION, AND THE "ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL ON TRAFFIC CONTROL DEVICES", MILLENNIUM EDITION, AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE MUTCD.
4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS. BARRICADES AND OTHER REQUIRED TRAFFIC CONTROL SHALL BE CONSIDERED INCLUSIVE TO THE BID ITEM FOR TRAFFIC CONTROL AND PROTECTION, UNLESS OTHERWISE SPECIFIED.
5. CAUTION: THERE MAY BE OVERHEAD AND BURIED POWER LINES WHICH COULD POSSIBLY INTERFERE OR BE A SAFETY HAZARD WITH EQUIPMENT OPERATIONS.
6. WHEN LOOSE MATERIAL IS DEPOSITED IN ALLEYS OR GUTTERS, IT SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUSIVE TO THE BID ITEM FOR MOBILIZATION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE, OR BETTER. ALL RESTORATION WORK REQUIRED BEYOND THE SCOPE OF THE PLANS AND SPECIFICATIONS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE UNLESS WORK WAS DONE AT THE DIRECTION OF THE OWNER OR ENGINEER AND COMPENSATION WAS AGREED UPON PRIOR TO EXECUTION OF WORK.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL NECESSARY PAVEMENT OPENINGS AND CONSTRUCTION DEBRIS LEFT IN THE PUBLIC RIGHT-OF-WAY WITH LIGHTED DEVICES. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS. REMOVAL OF ANY SUCH TEMPORARY HAZARDS SHALL BE DONE AS SOON AS POSSIBLE.
9. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS THAT WILL BE ADJUSTED OR RECONSTRUCTED SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH THIS SHALL BE INCLUDED IN THE APPLICABLE BID ITEMS.
10. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. GRADING SHALL BE DONE TO ALLOW FOR POSITIVE DRAINAGE.
11. UTILITY SERVICES TO RESIDENTS OR BUSINESSES WHICH ARE INTERRUPTED DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR SO THAT NO SERVICE IS INTERRUPTED FOR MORE THAN EIGHT (8) HOURS. IF TEMPORARY SERVICE IS REQUIRED, THE EXPENSE FOR SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. THE EDGES OF ALL IMPROVED SURFACES WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT FULL DEPTH PRIOR TO RESTORATION. ANY SAW CUTTING OF PAVEMENT PATCHES, BUTT JOINTS, DRIVEWAY APPROACHES, CONCRETE CURBS, SIDEWALK, OR ANY OTHER AREAS NECESSARY TO COMPLETE THIS PROJECT WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUSIVE INCLUSIVE TO THE APPLICABLE REMOVAL BID ITEM.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL STREETS USED BY THE CONTRACTOR, SUB-CONTRACTORS, AND SUPPLIERS CLEAN AND FREE FROM ALL DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, AND WILL BE REQUIRED TO CLEAN THEM AS IS NECESSARY IN ORDER TO MAINTAIN THEM IN A SAFE, DRIVABLE CONDITION. THE CONTRACTOR SHALL BE RESPONSIVE TO REQUESTS FROM THE ENGINEER, ENGINEER'S REPRESENTATIVE, DIRECTOR OF PUBLIC WORKS SUPERINTENDANT OF STREETS, POLICE AND FIRE DEPARTMENTS, OR ANY OFFICIAL OF THE OWNER TO PRACTICE GOOD HOUSEKEEPING THROUGHOUT THE DURATION OF THE PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUSIVE TO THE TRAFFIC CONTROL AND PROTECTION BID ITEM.

COMMITMENTS

1. NONE

SYMBOL LEGEND

<table border="0"> <tr><td>□ CIV</td><td>CABLE TV PEDESTAL</td><td>⊗</td><td>YARD LIGHT</td><td>⊙</td><td>QUARTER CORNER</td><td>●</td><td>SOIL BORING</td></tr> <tr><td>□ T</td><td>TELEPHONE BOX</td><td>⊙ G</td><td>GAS SERVICE BOX</td><td>⊙</td><td>RIGHT-OF-WAY MARKER</td><td>●</td><td>BOLLARD</td></tr> <tr><td>⊙ T</td><td>TELEPHONE BOOTH</td><td>⊙ G</td><td>GAS METER</td><td>⊙</td><td>SECTION CORNER</td><td>⊙ D</td><td>DRAINAGE MARKER</td></tr> <tr><td>⊙</td><td>TELEPHONE POLE</td><td>⊙ G</td><td>GAS REGULATOR</td><td>⊙ WC</td><td>WITNESS CORNER</td><td>⊙</td><td>FLAG POLE</td></tr> <tr><td>⊙ T</td><td>TELEPHONE MANHOLE</td><td>⊙</td><td>GAS VALVE</td><td>⊙</td><td>PRIVATE SIGN POST</td><td>⊙</td><td>GUY POLE</td></tr> <tr><td>□ T</td><td>TELEPHONE PEDESTAL</td><td>⊙</td><td>GAS VENT PIPE</td><td>⊙</td><td>STREET SIGN</td><td>⊙</td><td>GUY WIRE</td></tr> <tr><td>⊙</td><td>TELEPHONE PEDESTAL PAY PHONE</td><td>⊙</td><td>REFLECTIVE PVMT MARKER 1 WAY</td><td>⊙</td><td>TRAFFIC SIGN</td><td>⊙</td><td>MAILBOX</td></tr> <tr><td>⊙</td><td>FIRE HYDRANT</td><td>⊙</td><td>REFLECTIVE PVMT MARKER 2 WAY</td><td>⊙</td><td>BUSH</td><td>⊙</td><td>PARKING BLOCK</td></tr> <tr><td>⊙ W</td><td>WATER SERVICE BOX</td><td>⊙ CO</td><td>CLEANOUT</td><td>⊙</td><td>CONIFEROUS TREE</td><td>⊙</td><td>PILLAR</td></tr> <tr><td>—</td><td>WELL</td><td>⊙ CO</td><td>LIFT STATION</td><td>⊙</td><td>DECIDUOUS TREE</td><td>⊙</td><td>PARKING METER</td></tr> <tr><td>⊙ W</td><td>WATER METER</td><td>⊙</td><td>SANITARY MANHOLE</td><td>⊙</td><td>STUMP</td><td>⊙</td><td>POST OR MISC. POLE</td></tr> <tr><td>⊙ W</td><td>WATER MANHOLE</td><td>⊙</td><td>SEPTIC TANK</td><td>⊙</td><td>METER UNKNOWN</td><td>⊙</td><td>GATE POST</td></tr> <tr><td>⊙</td><td>WATER VALVE</td><td>⊙</td><td>SEPTIC TANK VENT</td><td>⊙</td><td>MANHOLE</td><td>●</td><td>IRON PIN FOUND</td></tr> <tr><td>⊙ E</td><td>ELECTRIC BOX</td><td>⊙</td><td>END SECTION METAL</td><td>⊙</td><td>PUMP</td><td>●</td><td>FOUND 3/4" REBAR</td></tr> <tr><td>⊙ E</td><td>ELECTRIC METER</td><td>⊙</td><td>CATCH BASIN</td><td>⊙</td><td>+RISER</td><td>●</td><td>FOUND 1/4" IR</td></tr> <tr><td>⊙ E</td><td>ELECTRIC MANHOLE</td><td>⊙</td><td>CATCH BASIN SQUARE</td><td>⊙</td><td>VENT PIPE</td><td>●</td><td>FOUND 2' IP</td></tr> <tr><td>⊙ E</td><td>ELECTRIC PEDESTAL</td><td>⊙</td><td>DOWNSPOUT</td><td>⊙</td><td>JUNCTION BOX</td><td>●</td><td>FOUND RR SPIKE</td></tr> <tr><td>⊙</td><td>HANDHOLE</td><td>⊙</td><td>END SECTION CONCRETE</td><td>⊙</td><td>STRAIN POLE</td><td>●</td><td>FOUND MISC</td></tr> <tr><td>⊗</td><td>ORNAMENTAL STREET LIGHT</td><td>⊙</td><td>INLET AT CURB</td><td>⊙</td><td>TRAFFIC SIGNAL MAST ARM</td><td>●</td><td>FOUND MISC</td></tr> <tr><td>⊙</td><td>POWER POLE</td><td>⊙</td><td>STORM MANHOLE</td><td>⊙</td><td>TRAFFIC SIGNAL CONTROLLER</td><td>●</td><td>FOUND PK NAIL</td></tr> <tr><td>⊙</td><td>POWER POLE WITH LIGHT</td><td>⊙</td><td>BENCHMARK</td><td>⊙</td><td>TRAFFIC SIGNAL POST 2 WAY</td><td>●</td><td>FOUND SPIKE</td></tr> <tr><td>⊙</td><td>POWER POLE W/TRANSFORMER</td><td>⊙</td><td>CHISLED X</td><td>⊙</td><td>TRAFFIC SIGNAL POST 3 WAY</td><td>⊙</td><td>FOUND/PLACE CHIS "X"</td></tr> <tr><td>⊙</td><td>POWER POLE W/TRANS. & LIGHT</td><td>⊙</td><td>DATA COLLECTION POINT</td><td>⊙</td><td>TRAFFIC SIGNAL PED. SIGNAL HEAD</td><td>⊙</td><td>FOUND/SET SECTION CORNER</td></tr> <tr><td>⊙</td><td>STREET LIGHT</td><td>⊙</td><td>MONUMENT</td><td>⊙</td><td>TRAFFIC SIGNAL PED. PUSH BUTTON</td><td>⊙</td><td>SET 3/4" REBAR</td></tr> <tr><td>⊙</td><td>TRANSFORMER BOX</td><td>⊙</td><td>PK NAIL</td><td>⊙</td><td>CORES IN PAVEMENT</td><td>⊙</td><td>SET #10 REBAR</td></tr> <tr><td></td><td></td><td>⊙</td><td>TRAVERSE POINT</td><td>⊙</td><td>AIR CONDITIONER</td><td>⊙</td><td>SET PK NAIL</td></tr> </table>	□ CIV	CABLE TV PEDESTAL	⊗	YARD LIGHT	⊙	QUARTER CORNER	●	SOIL BORING	□ T	TELEPHONE BOX	⊙ G	GAS SERVICE BOX	⊙	RIGHT-OF-WAY MARKER	●	BOLLARD	⊙ T	TELEPHONE BOOTH	⊙ G	GAS METER	⊙	SECTION CORNER	⊙ D	DRAINAGE MARKER	⊙	TELEPHONE POLE	⊙ G	GAS REGULATOR	⊙ WC	WITNESS CORNER	⊙	FLAG POLE	⊙ T	TELEPHONE MANHOLE	⊙	GAS VALVE	⊙	PRIVATE SIGN POST	⊙	GUY POLE	□ T	TELEPHONE PEDESTAL	⊙	GAS VENT PIPE	⊙	STREET SIGN	⊙	GUY WIRE	⊙	TELEPHONE PEDESTAL PAY PHONE	⊙	REFLECTIVE PVMT MARKER 1 WAY	⊙	TRAFFIC SIGN	⊙	MAILBOX	⊙	FIRE HYDRANT	⊙	REFLECTIVE PVMT MARKER 2 WAY	⊙	BUSH	⊙	PARKING BLOCK	⊙ W	WATER SERVICE BOX	⊙ CO	CLEANOUT	⊙	CONIFEROUS TREE	⊙	PILLAR	—	WELL	⊙ CO	LIFT STATION	⊙	DECIDUOUS TREE	⊙	PARKING METER	⊙ W	WATER METER	⊙	SANITARY MANHOLE	⊙	STUMP	⊙	POST OR MISC. POLE	⊙ W	WATER MANHOLE	⊙	SEPTIC TANK	⊙	METER UNKNOWN	⊙	GATE POST	⊙	WATER VALVE	⊙	SEPTIC TANK VENT	⊙	MANHOLE	●	IRON PIN FOUND	⊙ E	ELECTRIC BOX	⊙	END SECTION METAL	⊙	PUMP	●	FOUND 3/4" REBAR	⊙ E	ELECTRIC METER	⊙	CATCH BASIN	⊙	+RISER	●	FOUND 1/4" IR	⊙ E	ELECTRIC MANHOLE	⊙	CATCH BASIN SQUARE	⊙	VENT PIPE	●	FOUND 2' IP	⊙ E	ELECTRIC PEDESTAL	⊙	DOWNSPOUT	⊙	JUNCTION BOX	●	FOUND RR SPIKE	⊙	HANDHOLE	⊙	END SECTION CONCRETE	⊙	STRAIN POLE	●	FOUND MISC	⊗	ORNAMENTAL STREET LIGHT	⊙	INLET AT CURB	⊙	TRAFFIC SIGNAL MAST ARM	●	FOUND MISC	⊙	POWER POLE	⊙	STORM MANHOLE	⊙	TRAFFIC SIGNAL CONTROLLER	●	FOUND PK NAIL	⊙	POWER POLE WITH LIGHT	⊙	BENCHMARK	⊙	TRAFFIC SIGNAL POST 2 WAY	●	FOUND SPIKE	⊙	POWER POLE W/TRANSFORMER	⊙	CHISLED X	⊙	TRAFFIC SIGNAL POST 3 WAY	⊙	FOUND/PLACE CHIS "X"	⊙	POWER POLE W/TRANS. & LIGHT	⊙	DATA COLLECTION POINT	⊙	TRAFFIC SIGNAL PED. SIGNAL HEAD	⊙	FOUND/SET SECTION CORNER	⊙	STREET LIGHT	⊙	MONUMENT	⊙	TRAFFIC SIGNAL PED. PUSH BUTTON	⊙	SET 3/4" REBAR	⊙	TRANSFORMER BOX	⊙	PK NAIL	⊙	CORES IN PAVEMENT	⊙	SET #10 REBAR			⊙	TRAVERSE POINT	⊙	AIR CONDITIONER	⊙	SET PK NAIL	<table border="0"> <tr><td>— CATV —</td><td>CABLE TV LINE</td><td>— RW 24" —</td><td>RAIL ROAD TRACKS</td></tr> <tr><td>— CATV(FO) —</td><td>CABLE TV (FIBER OPTIC) LINE</td><td>— RW WATER LINE (SIZE) —</td><td>RAW WATER LINE (SIZE)</td></tr> <tr><td>— OHCATV —</td><td>OVERHEAD CABLE TV LINE</td><td>— REMOVAL - 1 —</td><td>REMOVAL - 1</td></tr> <tr><td>— COM —</td><td>COMMUNICATION LINE</td><td>— REMOVAL - 2 —</td><td>REMOVAL - 2</td></tr> <tr><td>— DITCH LEFT (PROFILE) —</td><td>DITCH LEFT (PROFILE)</td><td>— REVERSE SLOPE —</td><td>REVERSE SLOPE</td></tr> <tr><td>— DITCH RIGHT (PROFILE) —</td><td>DITCH RIGHT (PROFILE)</td><td>— SANITARY PIPE —</td><td>SANITARY PIPE</td></tr> <tr><td>— OHE —</td><td>OVERHEAD ELECTRIC LINE</td><td>— CFM —</td><td>SANITARY FORCE MAIN</td></tr> <tr><td>— UGE —</td><td>UNDERGROUND ELECTRIC LINE</td><td>— SECTION LINE —</td><td>SECTION LINE</td></tr> <tr><td>— X — X — X —</td><td>FENCE</td><td>— SILT FENCE —</td><td>SILT FENCE</td></tr> <tr><td>— FO —</td><td>FIBER OPTIC LINE</td><td>— STORM EXISTING —</td><td>STORM EXISTING</td></tr> <tr><td>— G 12" —</td><td>EXISTING FLOW LINE</td><td>— STORM PROPOSED —</td><td>STORM PROPOSED</td></tr> <tr><td>— G 12" —</td><td>GAS (SIZE)</td><td>— STORM LINE (WATER MAIN QUALITY) —</td><td>STORM LINE (WATER MAIN QUALITY)</td></tr> <tr><td>— EXISTING GUARD RAIL —</td><td>EXISTING GUARD RAIL</td><td>— OHT(FO) —</td><td>OVERHEAD TELEPHONE (FIBER OPTIC)</td></tr> <tr><td>— PROPOSED GUARD RAIL —</td><td>PROPOSED GUARD RAIL</td><td>— UGT(FO) —</td><td>UNDERGROUND TELEPHONE (FIBER OPTIC)</td></tr> <tr><td>— EXISTING HAND RAIL —</td><td>EXISTING HAND RAIL</td><td>— OHT —</td><td>OVERHEAD TELEPHONE</td></tr> <tr><td>— PROPOSED HAND RAIL —</td><td>PROPOSED HAND RAIL</td><td>— UGT —</td><td>UNDERGROUND TELEPHONE</td></tr> <tr><td>— HEATED WATER —</td><td>HEATED WATER</td><td>— TEMPORARY CONSTRUCTION EASEMENT - 1 —</td><td>TEMPORARY CONSTRUCTION EASEMENT - 1</td></tr> <tr><td>— HEDGE LINE —</td><td>HEDGE LINE</td><td>— TEMPORARY CONSTRUCTION EASEMENT - 2 —</td><td>TEMPORARY CONSTRUCTION EASEMENT - 2</td></tr> <tr><td>— KEYWAY —</td><td>KEYWAY</td><td>— EXISTING TOP/BOTTOM OF SLOPE —</td><td>EXISTING TOP/BOTTOM OF SLOPE</td></tr> <tr><td>— SANITARY LATERAL —</td><td>SANITARY LATERAL</td><td>— PROPOSED TOP/BOTTOM OF SLOPE —</td><td>PROPOSED TOP/BOTTOM OF SLOPE</td></tr> <tr><td>— PERMANENT EASEMENT —</td><td>PERMANENT EASEMENT</td><td>— TREE LINE —</td><td>TREE LINE</td></tr> <tr><td>— PM CROSSWALK —</td><td>PM CROSSWALK</td><td>— UNDERDRAIN LINE —</td><td>UNDERDRAIN LINE</td></tr> <tr><td>— PROPERTY LINE —</td><td>PROPERTY LINE</td><td>— W 10" —</td><td>WATER LINE (SIZE)</td></tr> <tr><td>— EXISTING RIGHT-OF-WAY —</td><td>EXISTING RIGHT-OF-WAY</td><td></td><td></td></tr> <tr><td>— PROPOSED RIGHT-OF-WAY —</td><td>PROPOSED RIGHT-OF-WAY</td><td></td><td></td></tr> </table>	— CATV —	CABLE TV LINE	— RW 24" —	RAIL ROAD TRACKS	— CATV(FO) —	CABLE TV (FIBER OPTIC) LINE	— RW WATER LINE (SIZE) —	RAW WATER LINE (SIZE)	— OHCATV —	OVERHEAD CABLE TV LINE	— REMOVAL - 1 —	REMOVAL - 1	— COM —	COMMUNICATION LINE	— REMOVAL - 2 —	REMOVAL - 2	— DITCH LEFT (PROFILE) —	DITCH LEFT (PROFILE)	— REVERSE SLOPE —	REVERSE SLOPE	— DITCH RIGHT (PROFILE) —	DITCH RIGHT (PROFILE)	— SANITARY PIPE —	SANITARY PIPE	— OHE —	OVERHEAD ELECTRIC LINE	— CFM —	SANITARY FORCE MAIN	— UGE —	UNDERGROUND ELECTRIC LINE	— SECTION LINE —	SECTION LINE	— X — X — X —	FENCE	— SILT FENCE —	SILT FENCE	— FO —	FIBER OPTIC LINE	— STORM EXISTING —	STORM EXISTING	— G 12" —	EXISTING FLOW LINE	— STORM PROPOSED —	STORM PROPOSED	— G 12" —	GAS (SIZE)	— STORM LINE (WATER MAIN QUALITY) —	STORM LINE (WATER MAIN QUALITY)	— EXISTING GUARD RAIL —	EXISTING GUARD RAIL	— OHT(FO) —	OVERHEAD TELEPHONE (FIBER OPTIC)	— PROPOSED GUARD RAIL —	PROPOSED GUARD RAIL	— UGT(FO) —	UNDERGROUND TELEPHONE (FIBER OPTIC)	— EXISTING HAND RAIL —	EXISTING HAND RAIL	— OHT —	OVERHEAD TELEPHONE	— PROPOSED HAND RAIL —	PROPOSED HAND RAIL	— UGT —	UNDERGROUND TELEPHONE	— HEATED WATER —	HEATED WATER	— TEMPORARY CONSTRUCTION EASEMENT - 1 —	TEMPORARY CONSTRUCTION EASEMENT - 1	— HEDGE LINE —	HEDGE LINE	— TEMPORARY CONSTRUCTION EASEMENT - 2 —	TEMPORARY CONSTRUCTION EASEMENT - 2	— KEYWAY —	KEYWAY	— EXISTING TOP/BOTTOM OF SLOPE —	EXISTING TOP/BOTTOM OF SLOPE	— SANITARY LATERAL —	SANITARY LATERAL	— PROPOSED TOP/BOTTOM OF SLOPE —	PROPOSED TOP/BOTTOM OF SLOPE	— PERMANENT EASEMENT —	PERMANENT EASEMENT	— TREE LINE —	TREE LINE	— PM CROSSWALK —	PM CROSSWALK	— UNDERDRAIN LINE —	UNDERDRAIN LINE	— PROPERTY LINE —	PROPERTY LINE	— W 10" —	WATER LINE (SIZE)	— EXISTING RIGHT-OF-WAY —	EXISTING RIGHT-OF-WAY			— PROPOSED RIGHT-OF-WAY —	PROPOSED RIGHT-OF-WAY		
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ITEM NO.	DESCRIPTION	UNIT	TOTAL	TAP-SRTS	
				80% FEDERAL	20% LOCAL
				SAFETY	0021
* 21101625	TOPSOIL, FURNISH & PLACE 6'	SQ YD	400	400	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8	8	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8	8	
25200110	SODDING, SALT TOLERANT	SQ YD	400	400	
35101600	AGGREGATE BASE COURSE, TYPE B 4'	SQ YD	550	550	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	4,900	4,900	
42400800	DETECTABLE WARNINGS	SQ FT	500	500	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	880	880	
* 44000600	SIDEWALK REMOVAL	SQ FT	4,900	4,900	
44201723	CLASS D PATCHES, TYPE IV, 6'	SQ YD	300	300	
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	
60260100	INLETS TO BE ADJUSTED	EACH	13	13	
60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	880	880	
67100100	MOBILIZATION	L SUM	1	1	
Δ * 72000100	SIGN PANEL - TYPE 1	SQ FT	500	500	
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	948	948	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6'	FOOT	1,791	1,791	

ITEM NO.	DESCRIPTION	UNIT	TOTAL	TAP-SRTS	
				80% FEDERAL	20% LOCAL
				SAFETY	0021
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12'	FOOT	490	490	
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24'	FOOT	670	670	
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	Cu YD	5	5	
Δ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	

Δ SPECIALTY ITEMS

P.L.E NAME = COVER NOTES 500.DWG

USER NAME = BRETT R. BUTTERFIELD

DESIGNED - TSIANIS

REVISED -

DRAWN - BBUTTERFIELD

REVISED -

PLOT SCALE = ----

CHECKED - RNORDMEYER

REVISED -

PLOT DATE = 12/3/2015 7:42 PM

DATE - 10/08/2015

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE

SHEET 3 OF 23 SHEETS STA. --- TO STA. ---

F.A.P.
RTE.

N/A

SECTION

15-00058-00-SW

COUNTY

COOK

TOTAL SHEETS

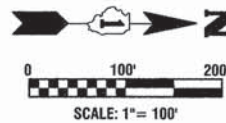
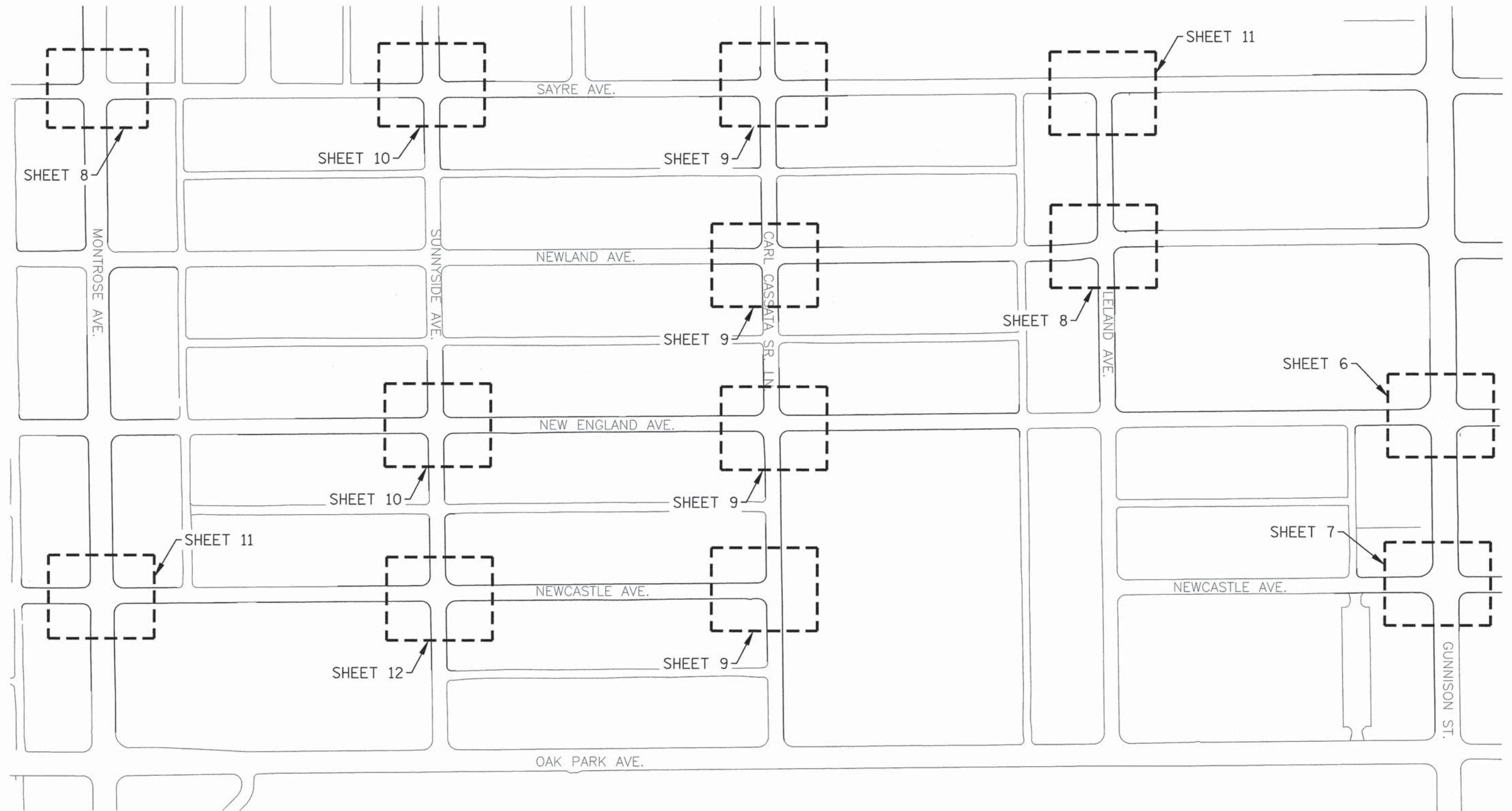
15

SHEET NO.

3

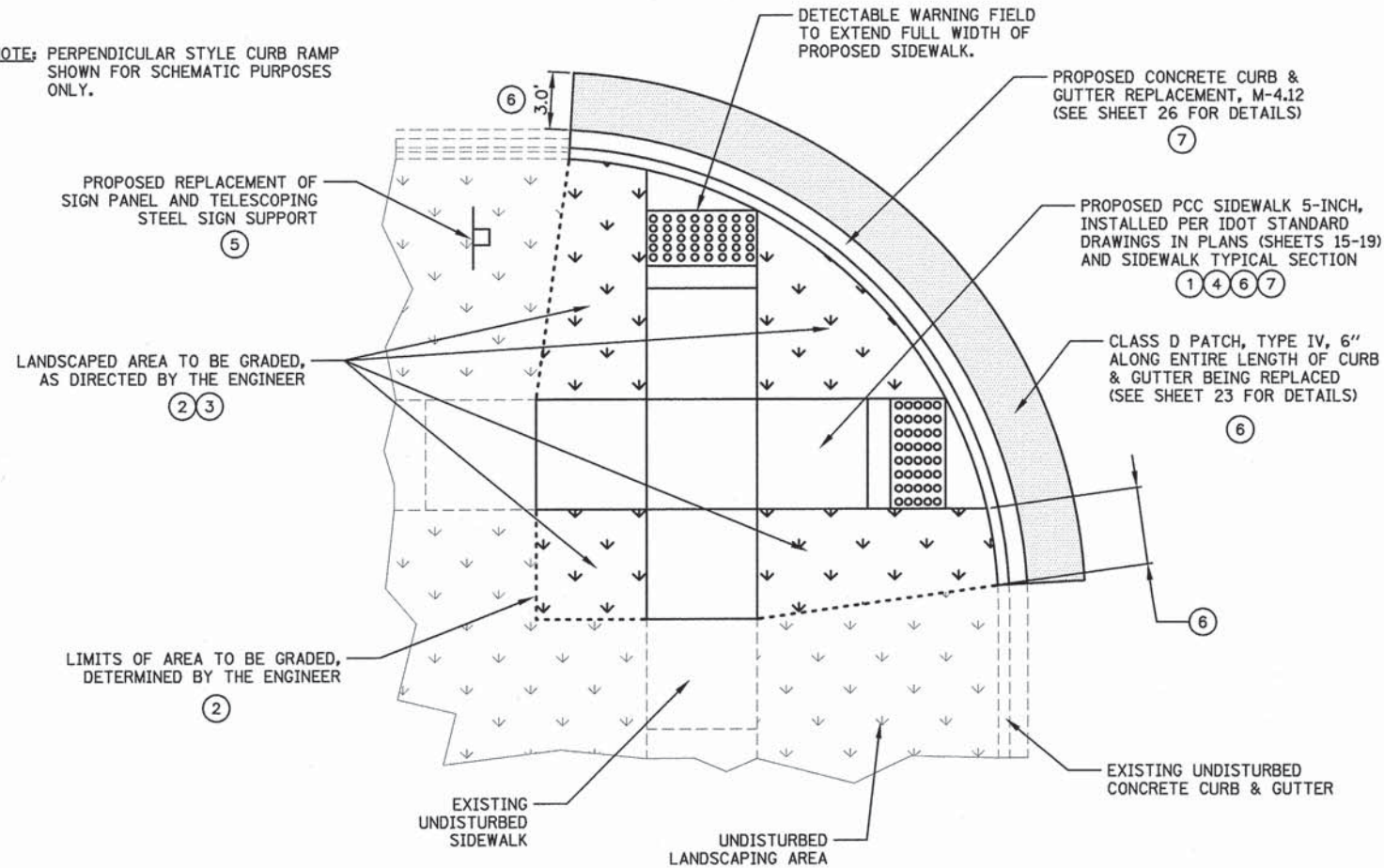
ILLINOIS CONTRACT NO. 61C09

FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT



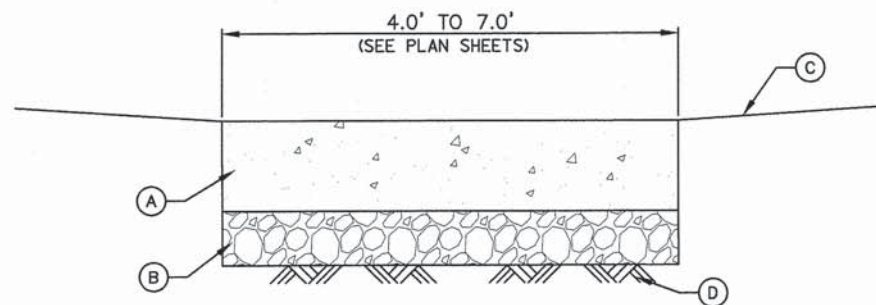
FILE NAME = INTERSECTION PLANS.DWG	USER NAME = EMILY K. SCHNEIDER	DESIGNED - TSIANIS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAYOUT MAP			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = -----	DRAWN - BBUTTERFIELD	REVISED -					N/A	15-00058-00-SW	COOK	15	4
	PL0T DATE = 12/7/2015 1:48 PM	CHECKED - RNORDMEYER	REVISED -		SCALE: NONE	SHEET 4 OF 23 SHEETS	STA. --- TO STA. ---	ILLINOIS CONTRACT NO. 61C09		FED. ROAD DISTRICT 1	ILLINOIS FED. AID PROJECT	
		DATE - 10/08/2015	REVISED -									

NOTE: PERPENDICULAR STYLE CURB RAMP SHOWN FOR SCHEMATIC PURPOSES ONLY.



INTERSECTION RETURN TYPICAL DETAILS

N.T.S.



- (A) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (B) AGGREGATE BASE COURSE, TYPE B 4"
- (C) EXISTING SURFACE ABUTTING SIDEWALK
- (D) UNDISTURBED EARTH

SIDEWALK TYPICAL SECTION

N.T.S.

GENERAL NOTES (THIS SHEET)

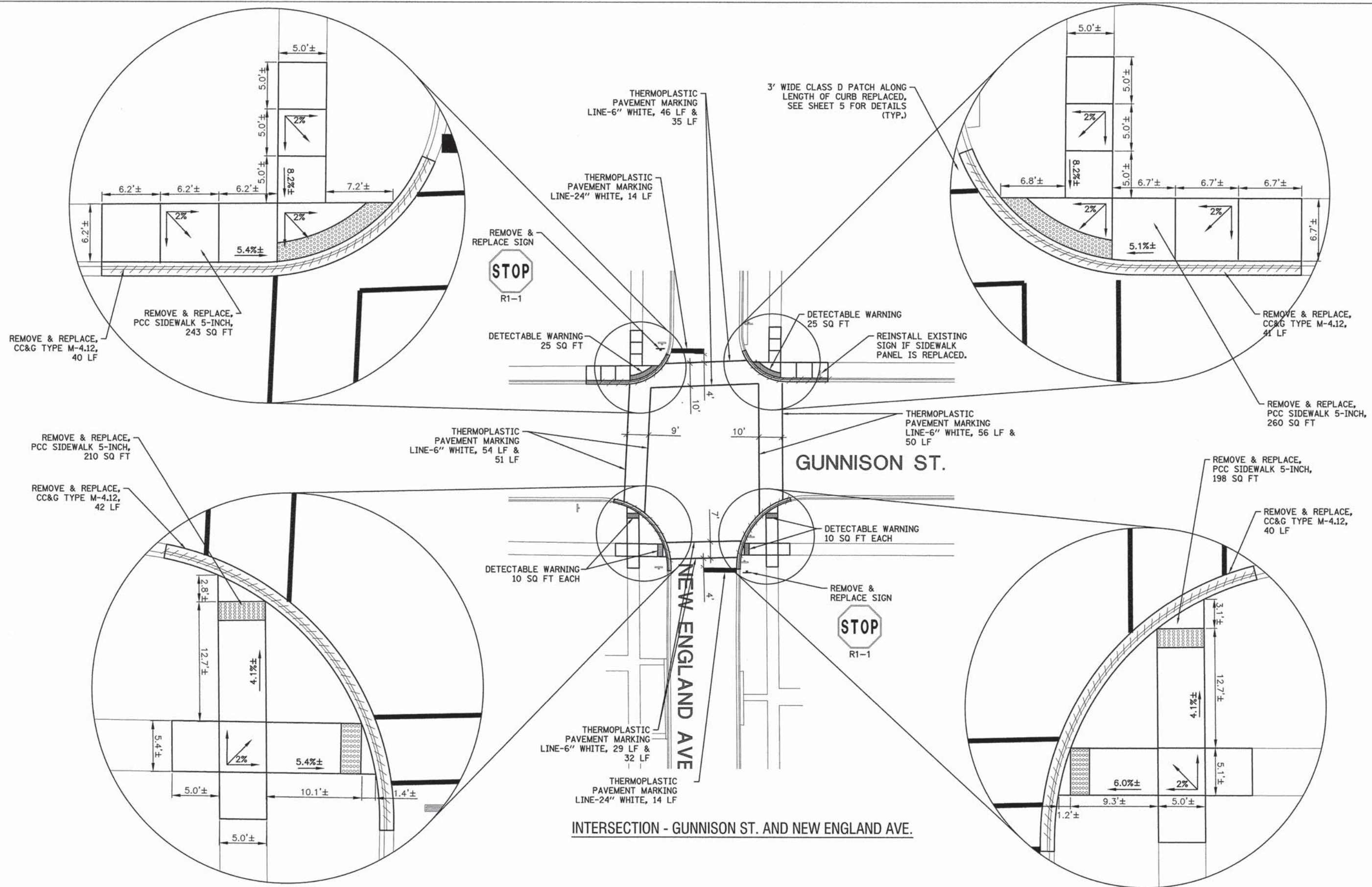
1. EXISTING AGGREGATE BASE COURSE OR OTHER MATERIALS DISCOVERED BENEATH EXISTING SIDEWALK ARE TO BE REMOVED TO A DEPTH WHICH WILL ALLOW FOR THE PROPOSED SIDEWALK TO BE INSTALLED PER THE TYPICAL SECTION SHOWN ABOVE, AT THE GRADES SPECIFIED IN THE PLANS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUSIVE TO THE UNIT BID PRICE FOR SIDEWALK REMOVAL.
2. DISTURBED AREAS AROUND PROPOSED SIDEWALK FROM CONCRETE FORMS SHALL BE BACKFILLED USING EXCAVATED MATERIAL BY THE CONTRACTOR. ADDITIONALLY, ANY LANDSCAPED AREAS IN THE NEARBY VICINITY OF THE NEWLY INSTALLED SIDEWALK THAT REQUIRES GRADING DUE TO SIDEWALK GRADE CHANGES SHALL BE GRADED BY THE CONTRACTOR, TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUSIVE TO THE UNIT BID PRICE FOR TOPSOIL, FURNISH & PLACE, 6".
3. FINAL GRADING, AS DESCRIBED ABOVE IN NOTE 2, SHALL ALLOW FOR THE ACCEPTANCE OF PROPOSED TOPSOIL, 6" AND SALT TOLERANT SODDING.
4. CONTRACTOR IS REQUIRED TO PROVIDE PERSONNEL TO PROTECT NEWLY POURED CONCRETE FROM VANDALISM FOR A MINIMUM PERIOD OF 4 HOURS, OR UNTIL THE CONCRETE HAS HARDENED ENOUGH TO PREVENT VANDALISM.
5. AT LOCATIONS ON THE PLANS WHERE SIGNS HAVE BEEN MARKED TO BE "REMOVED AND REPLACED", CONTRACTOR SHALL PERFORM THE FOLLOWING OPERATIONS, WHICH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUSIVE TO THE UNIT BID PRICE FOR SIGN PANEL - TYPE I:
 - 5.1. REMOVE THE EXISTING SIGN OF THE SAME KIND IN THE IMMEDIATE AREA OF THE PROPOSED SIGN LOCATION SPECIFIED ON THE PLANS. DETACH THE SIGN FROM THE POST AND SALVAGE. STORE REMOVED SIGNS AND POSTS FOR PICKUP BY THE VILLAGE OF HARWOOD HEIGHTS, AT A LOCATION APPROVED BY THE ENGINEER.
 - 5.2. INSTALL THE NEW SIGN PANEL (TYPE I) ON THE TELESCOPING STEEL SIGN SUPPORT AND INSTALL AT THE LOCATIONS SPECIFIED ON THE PLANS. REFER TO SHEETS 20-22 FOR INFORMATION REGARDING THESE INSTALLATIONS.
 - 5.3. COORDINATE SALVAGED SIGN PICK-UP WITH THE VILLAGE OF HARWOOD HEIGHTS WHEN ALL SIGNS HAVE BEEN REPLACED.
6. LIMITS OF CURB AND GUTTER REMOVAL (MEASURED FROM THE CLOSEST EDGE OF THE SIDEWALK) SHALL BE TO THE NEAREST JOINT NECESSARY TO ALLOW FOR THE INSTALLATION OF THE SIDEWALK AT THE SLOPES SPECIFIED ON THE PLANS. LIMITS OF EXISTING SIDEWALK, CURB & GUTTER, AND HMA PAVEMENT TO BE REMOVED ARE TO BE APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY REMOVAL OPERATIONS.
7. CONTRACTOR TO FIELD VERIFY THAT ALL NECESSARY GRADES PRIOR TO THE POURING OF ANY CONCRETE ITEMS. AT LOCATIONS WHERE ANY CONCRETE ITEM CANNOT BE INSTALLED AS SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL INSTALL THE RAMP IN ACCORDANCE WITH THE IDOT STANDARD DRAWINGS, WHICH HAVE BEEN INCLUDED IN THE PLANS ON SHEETS 15-19. CONTRACTOR SHALL OBTAIN ENGINEER'S APPROVAL OF ALL FORMS PRIOR TO POURING ANY SIDEWALK RAMPS OR CONCRETE CURB AND GUTTER IN ALL LOCATIONS.
8. STREET NAME SIGN DETAIL BELOW TO BE USED AS A REFERENCE FOR BIDDING PURPOSES. ACTUAL SIGN TEMPLATE TO BE OBTAINED BY THE CONTRACTOR FROM THE VILLAGE OF HARWOOD HEIGHTS, DEPARTMENT OF PUBLIC WORKS, AT 708-867-7206. CONTRACTOR SHOP DRAWING TO BE SUBMITTED TO AND APPROVED BY THE ENGINEER PRIOR TO THE ORDERING OF ANY SIGNS. ALL COST ASSOCIATED WITH THE AFOREMENTIONED PROCESS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUSIVE TO THE UNIT BID PRICE FOR SIGN PANEL - TYPE I.



TYPICAL STREET NAME SIGN

N.T.S.
(FOR VISUAL REFERENCE ONLY)

FILE NAME = COVER NOTES 500.DWG	USER NAME = BRETT R. BUTTERFIELD	DESIGNED - TSIANIS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RETURN TYPICAL DETAILS & SIDEWALK TYPICAL SECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FILE NAME = INTERSECTION PLANS.DWG

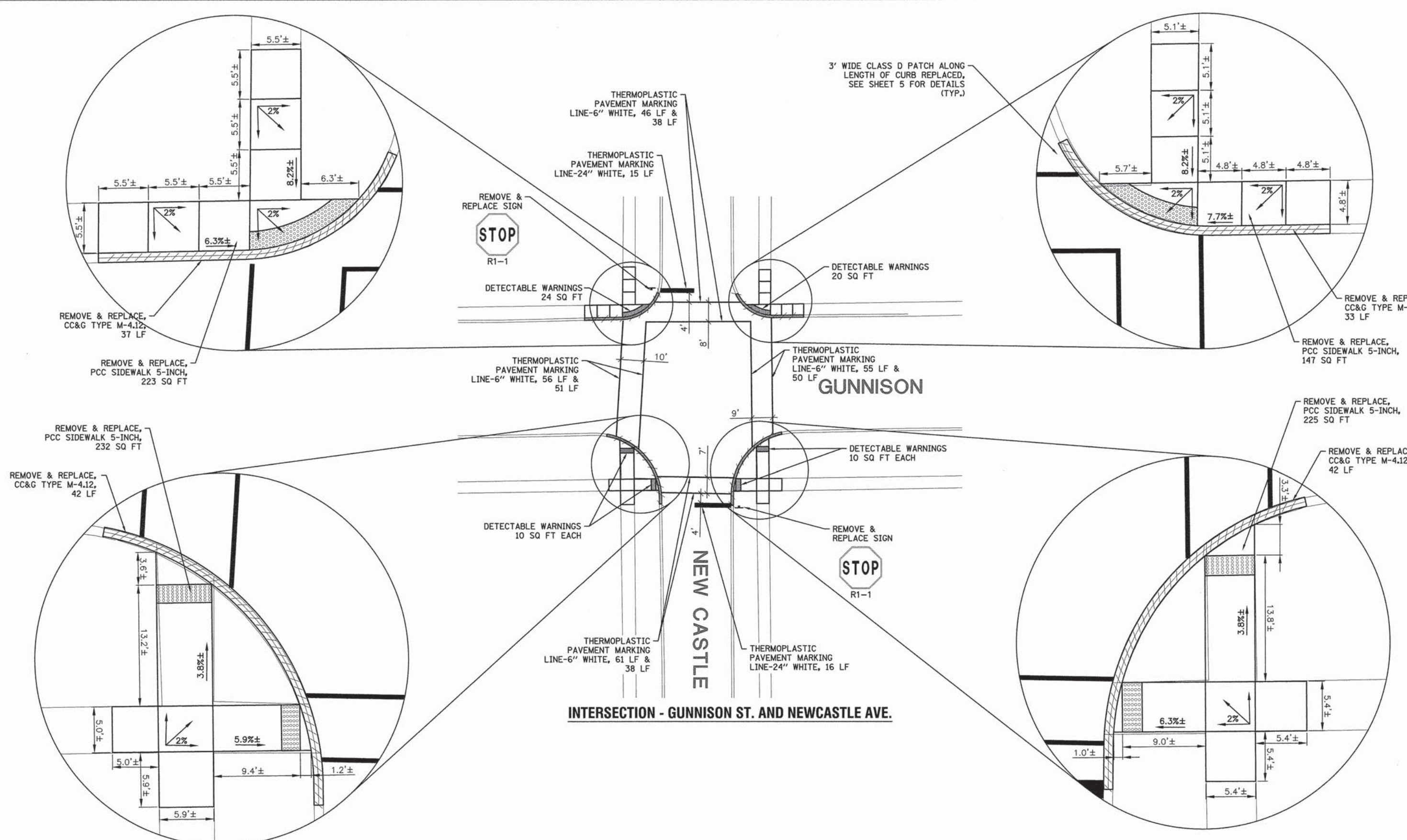
USER NAME = EMILY K. SCHNEIDER	DESIGNED - TSIANIS	REVISED -
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PLOT DATE = 12/7/2015 1:49 PM	CHECKED - RNORDMEYER	REVISED -
	DATE - 10/08/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLANS

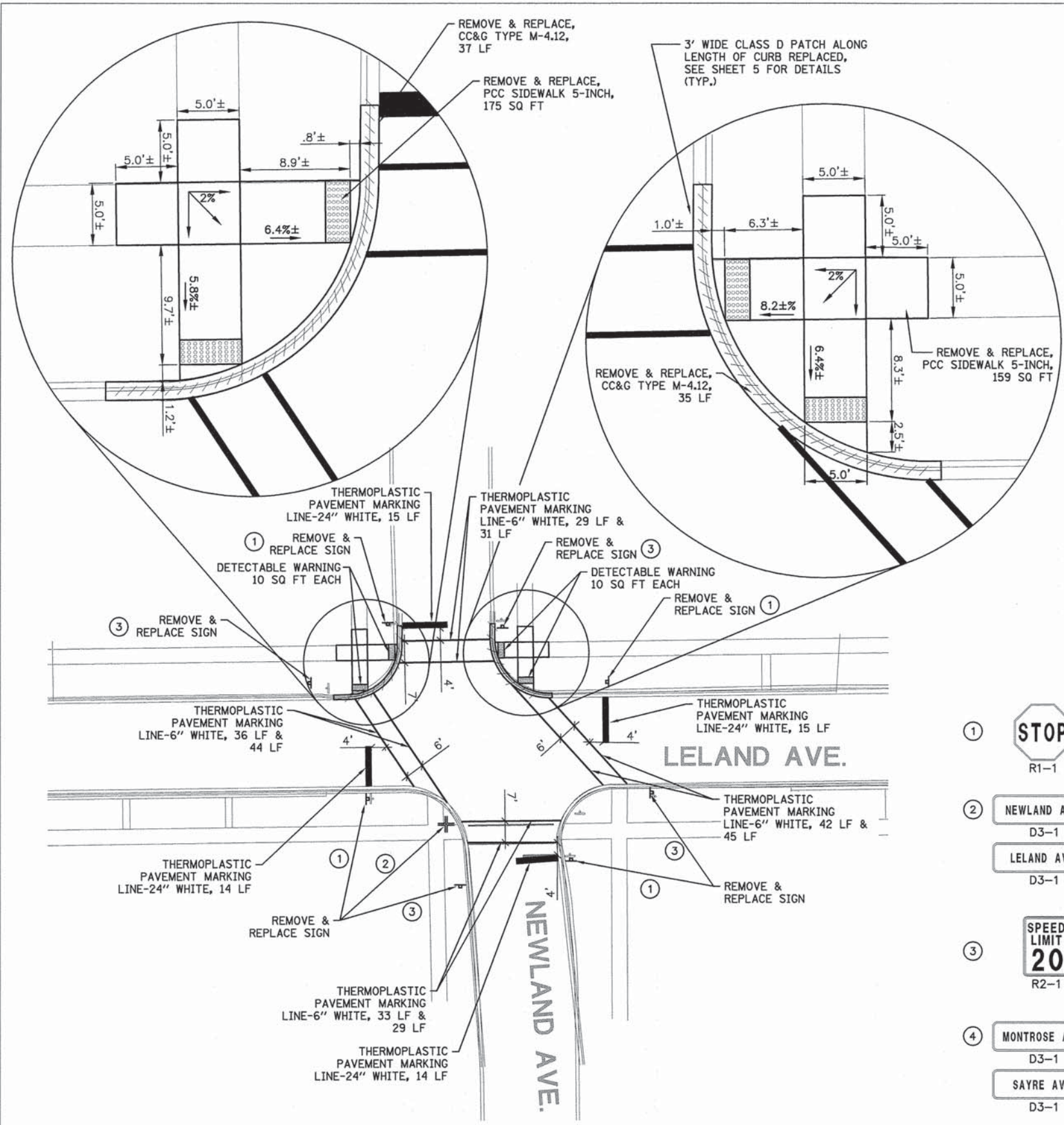
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DISTRICT 1		ILLINOIS	CONTRACT NO. 61C09	
ILLINOIS FED. AID PROJECT				

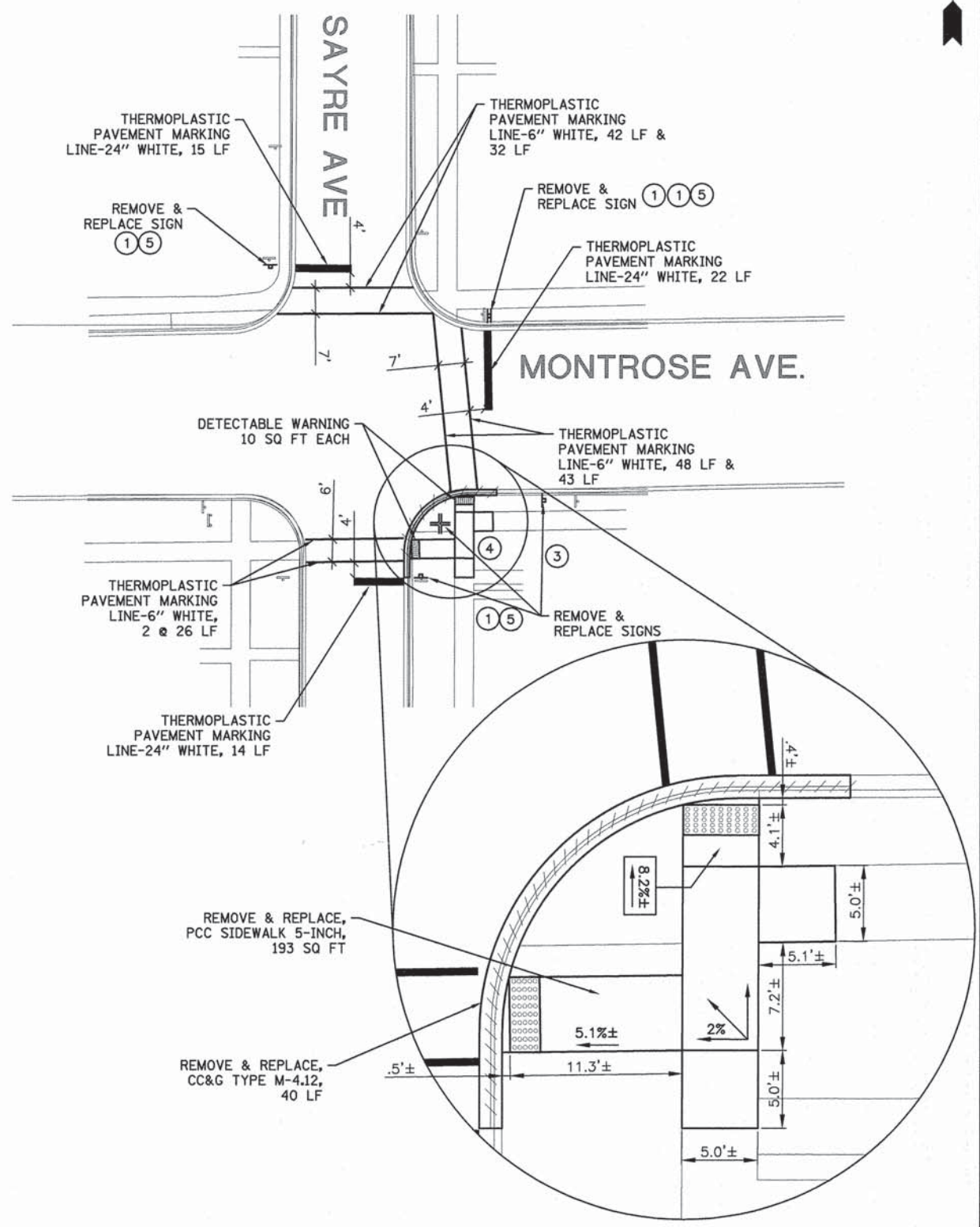


INTERSECTION - GUNNISON ST. AND NEWCASTLE AVE.

FILE NAME = INTERSECTION PLANS.DWG	USER NAME = EMILY K. SCHNEIDER	DESIGNED - TSIANIS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION PLANS		F.A.P. RTE. N/A	SECTION 15-00058-00-SW	COUNTY COOK	TOTAL SHEETS 15	SHEET NO. 7	
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	PLOT DATE = 12/7/2015 1:49 PM	CHECKED - RNORDMEYER	REVISED -		FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT							
		DATE - 10/08/2015	REVISED -									



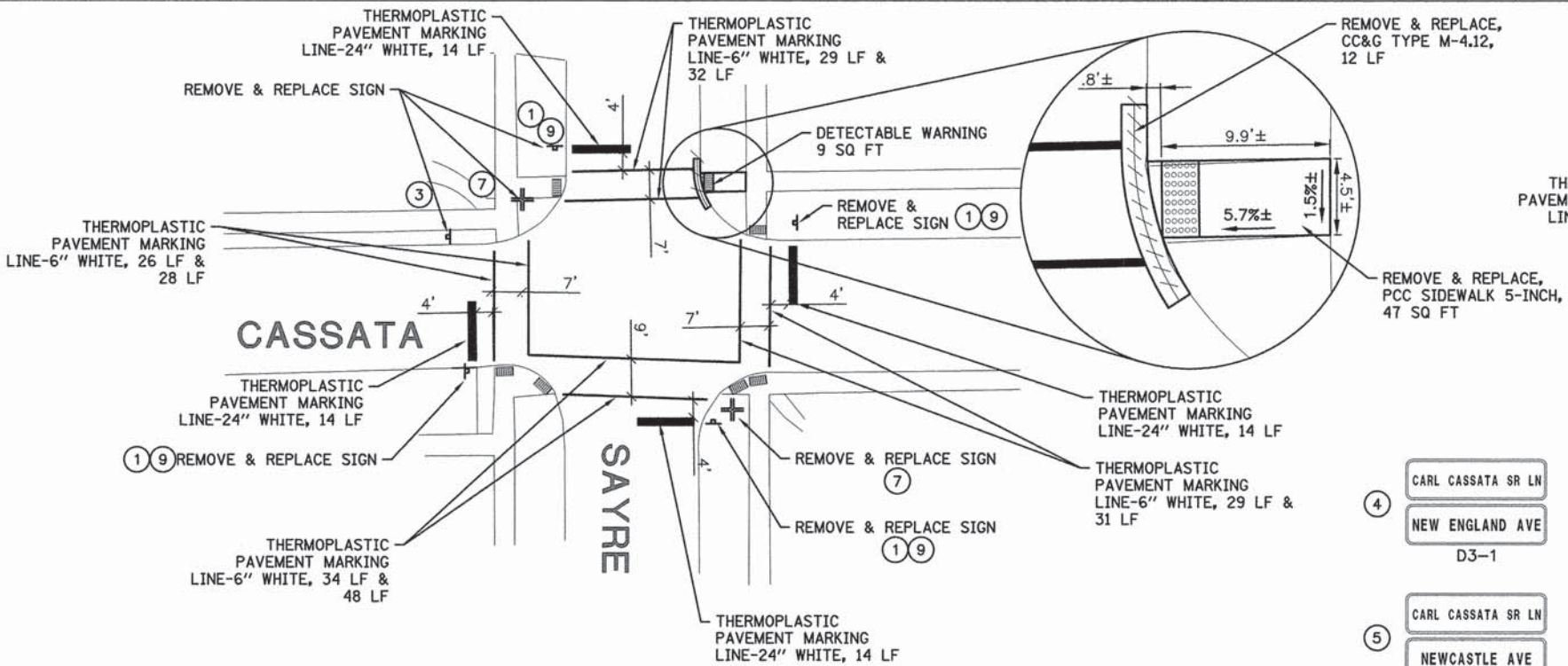
INTERSECTION - NEWLAND AVE. AND LELAND AVE.



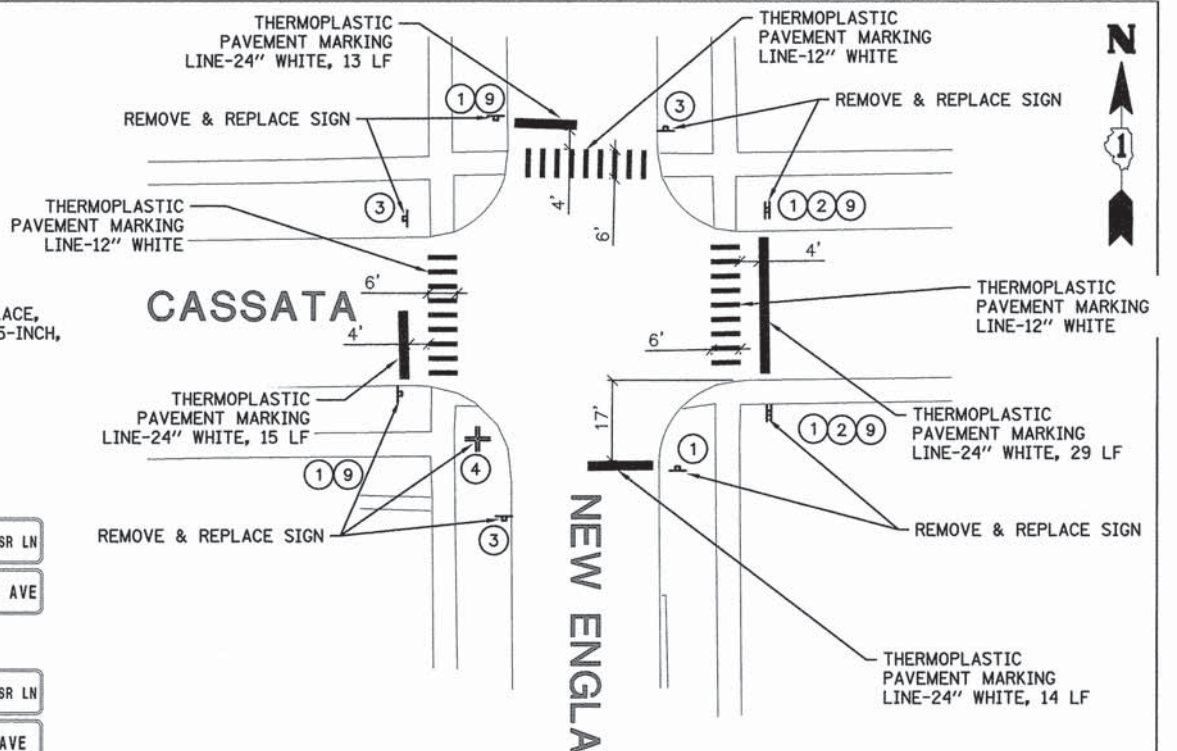
INTERSECTION - MONTROSE AVE. AND SAYRE AVE.

- ① STOP R1-1
- ② NEWLAND AVE D3-1
- LELAND AVE D3-1
- ③ SPEED LIMIT 20 R2-1
- ④ MONTROSE AVE D3-1
- SAYRE AVE D3-1
- ⑤ ALL WAY R1-4

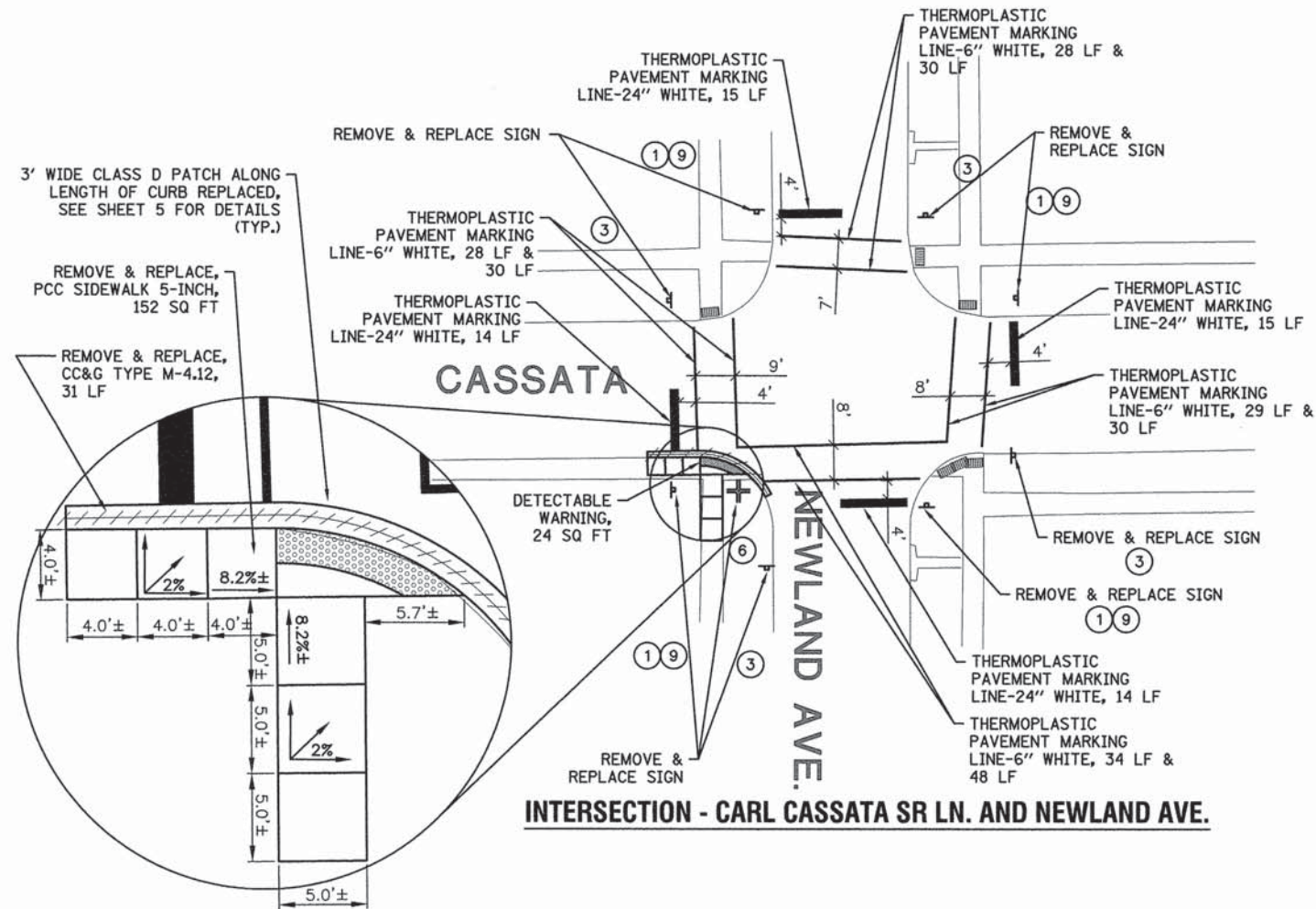
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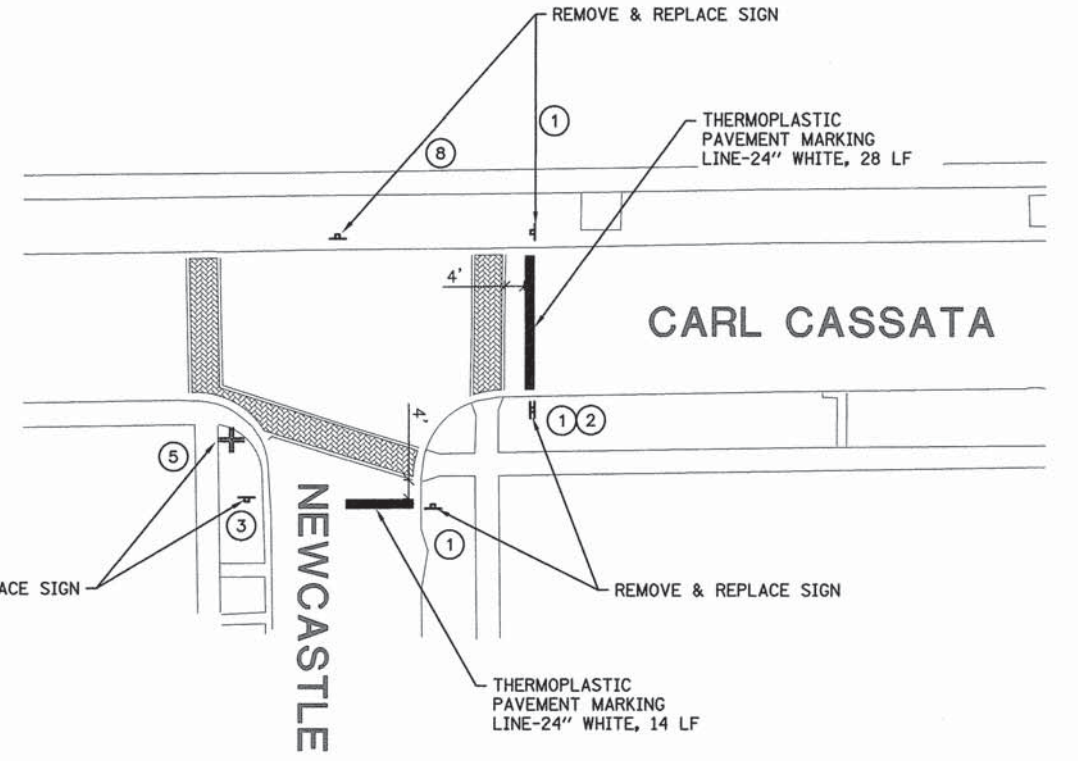
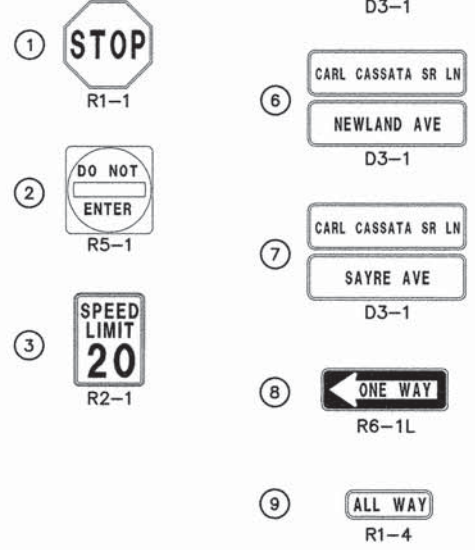
INTERSECTION - CARL CASSATA SR LN. AND SAYRE AVE.



INTERSECTION - CARL CASSATA SR LN. AND NEW ENGLAND AVE.



INTERSECTION - CARL CASSATA SR LN. AND NEWLAND AVE.

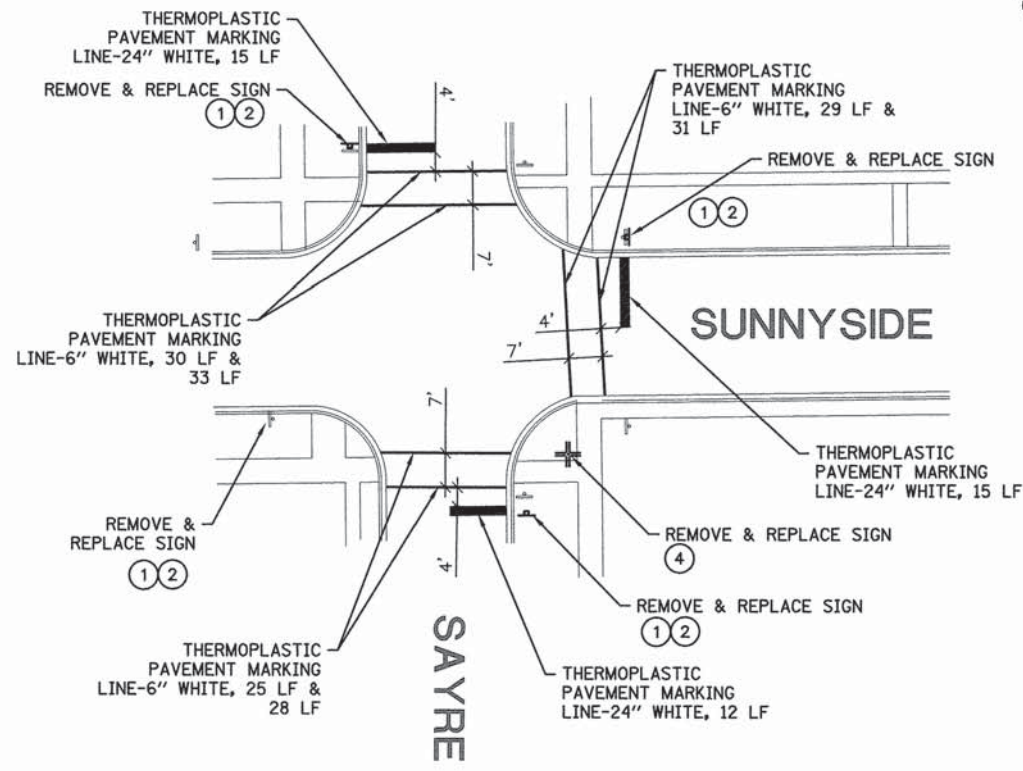


INTERSECTION - CARL CASSATA SR LN. AND NEWCASTLE AVE.

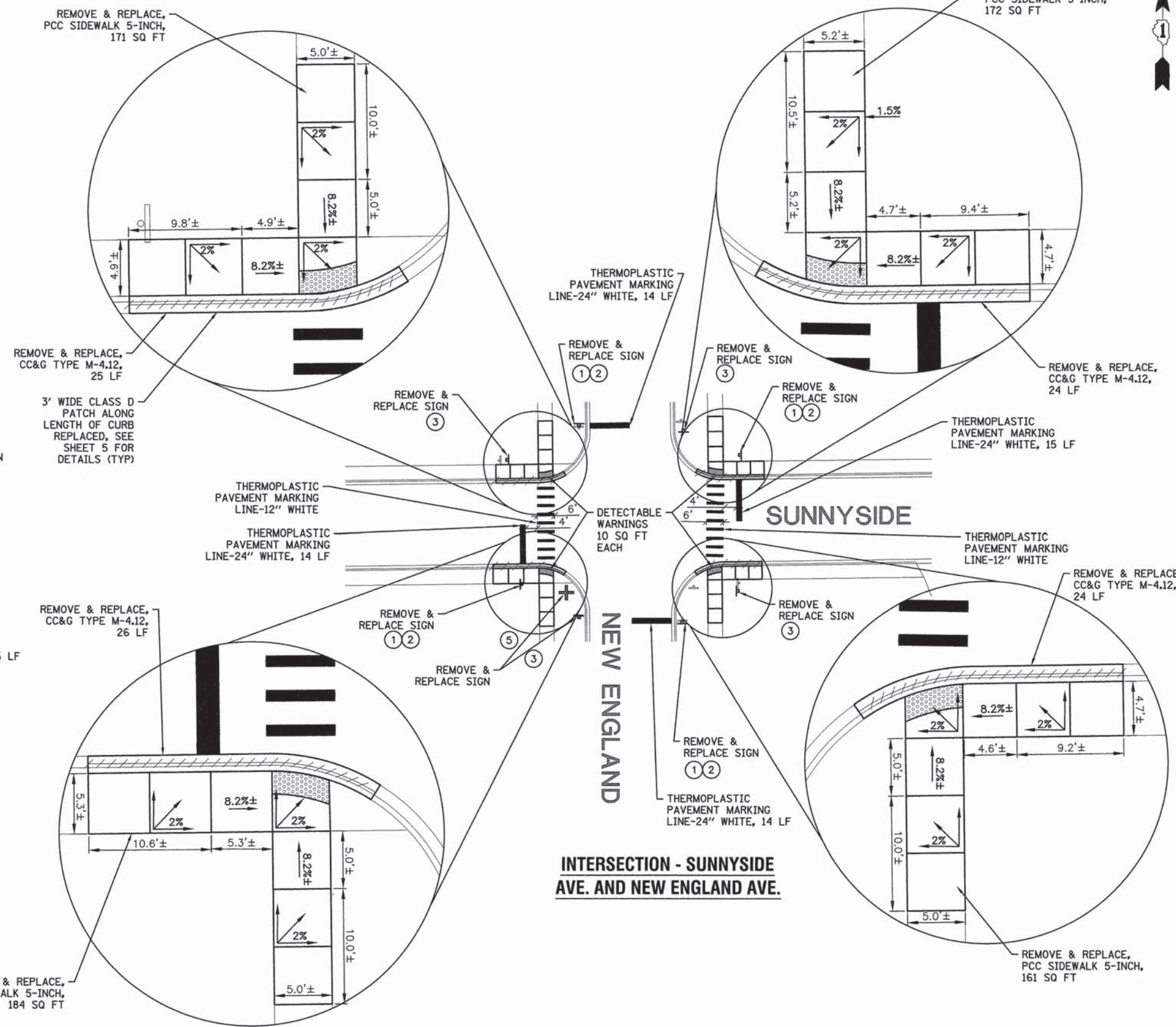
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		DATE - 10/08/2015	REVISED -					FED. ROAD DISTRICT 1	ILLINOIS FED. AID PROJECT			



- ① **STOP**
R1-1
- ② **ALL WAY**
R1-4
- ③ **SPEED LIMIT 20**
R2-1
- ④ **SUNNYSIDE AVE**
D3-1
- ⑤ **SAYRE AVE**
D3-1
- ⑥ **SUNNYSIDE AVE**
D3-1
- ⑦ **NEW ENGLAND AVE**
D3-1

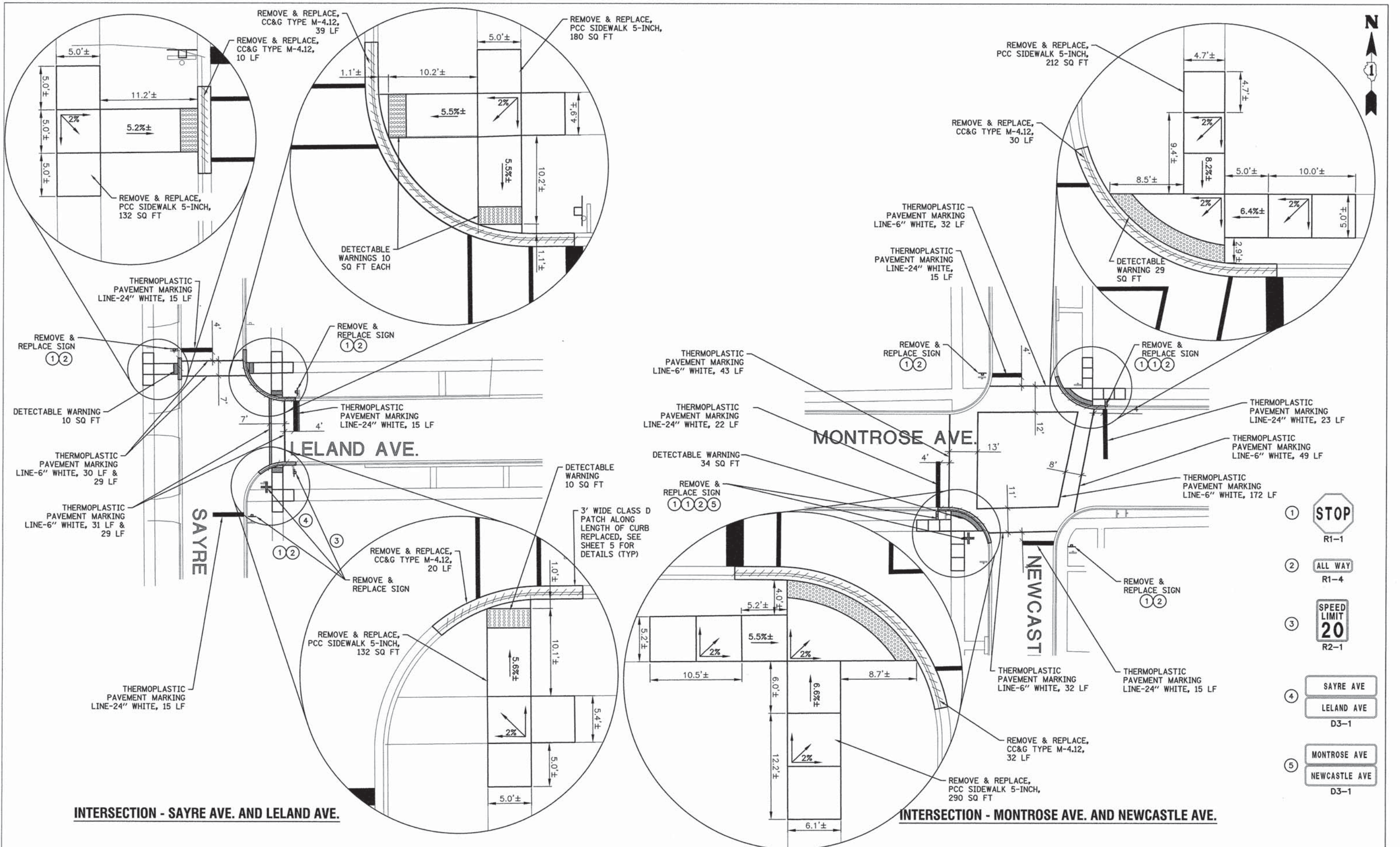


INTERSECTION - SUNNYSIDE AVE. AND SAYRE AVE.



INTERSECTION - SUNNYSIDE AVE. AND NEW ENGLAND AVE.

FILE NAME = INTERSECTION PLANS 11-14.DWG	USER NAME = EMILY K. SCHNEIDER	DESIGNED - TSIANIS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE - 10/08/2015	REVISED -		SCALE: NONE SHEET 10 OF 23 SHEETS STA. --- TO STA. ---		FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT					

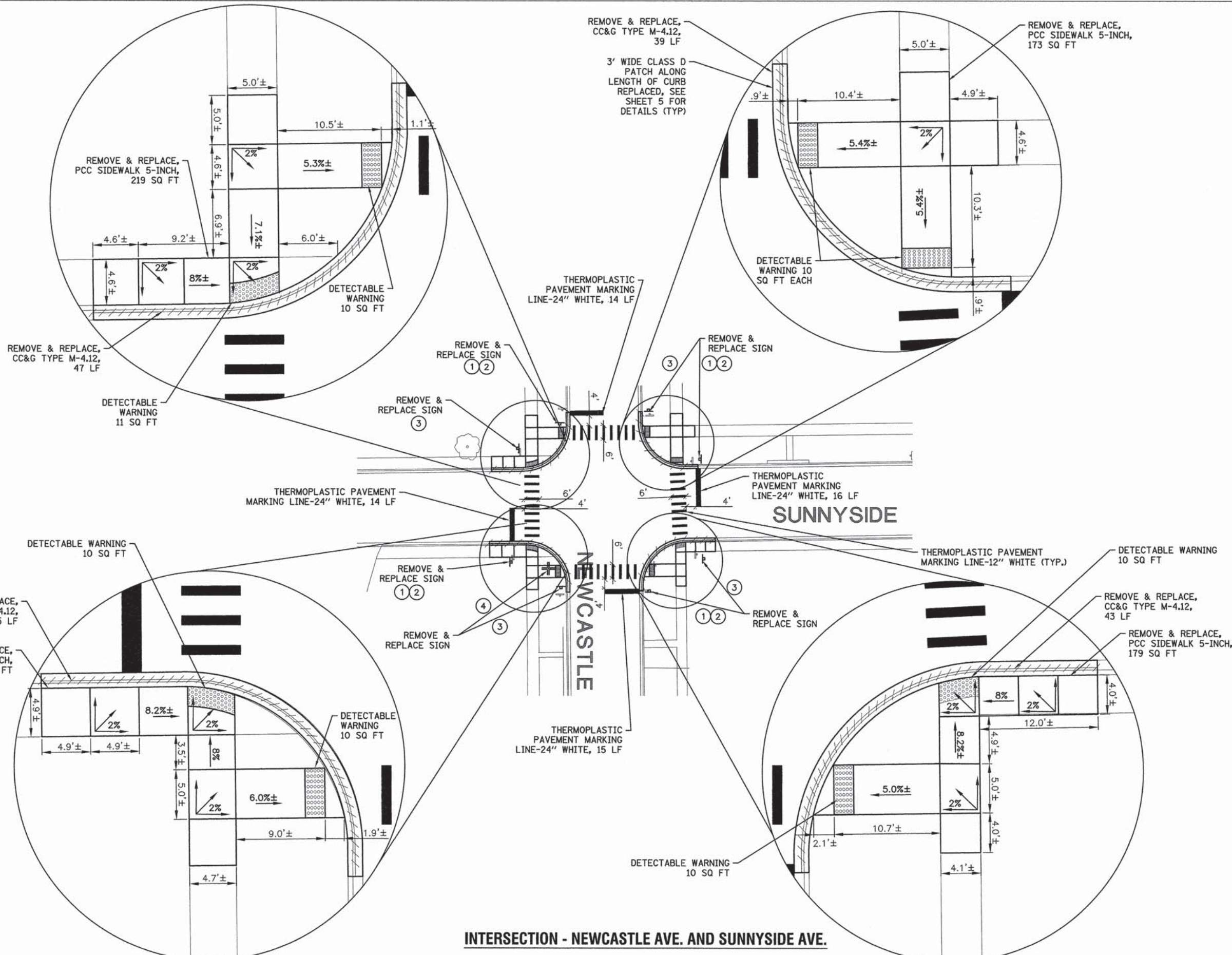


INTERSECTION - SAYRE AVE. AND LELAND AVE.

INTERSECTION - MONTROSE AVE. AND NEWCASTLE AVE.

- ① STOP R1-1
- ② ALL WAY R1-4
- ③ SPEED LIMIT 20 R2-1
- ④ SAYRE AVE
LELAND AVE
D3-1
- ⑤ MONTROSE AVE
NEWCASTLE AVE
D3-1

FILE NAME = INTERSECTION PLANS 11-14.DWG	USER NAME = BRETT R. BUTTERFIELD	DESIGNED - TSIANIS	REVISED - 01/04/2016	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					SCALE: NONE	SHEET 11 OF 15 SHEETS	STA. --- TO STA. ---	FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT			



- ① STOP
R1-1
- ② ALL WAY
R1-4
- ③ SPEED LIMIT
20
R2-1
- ④ SUNNYSIDE AVE
NEWCASTLE AVE
D3-1

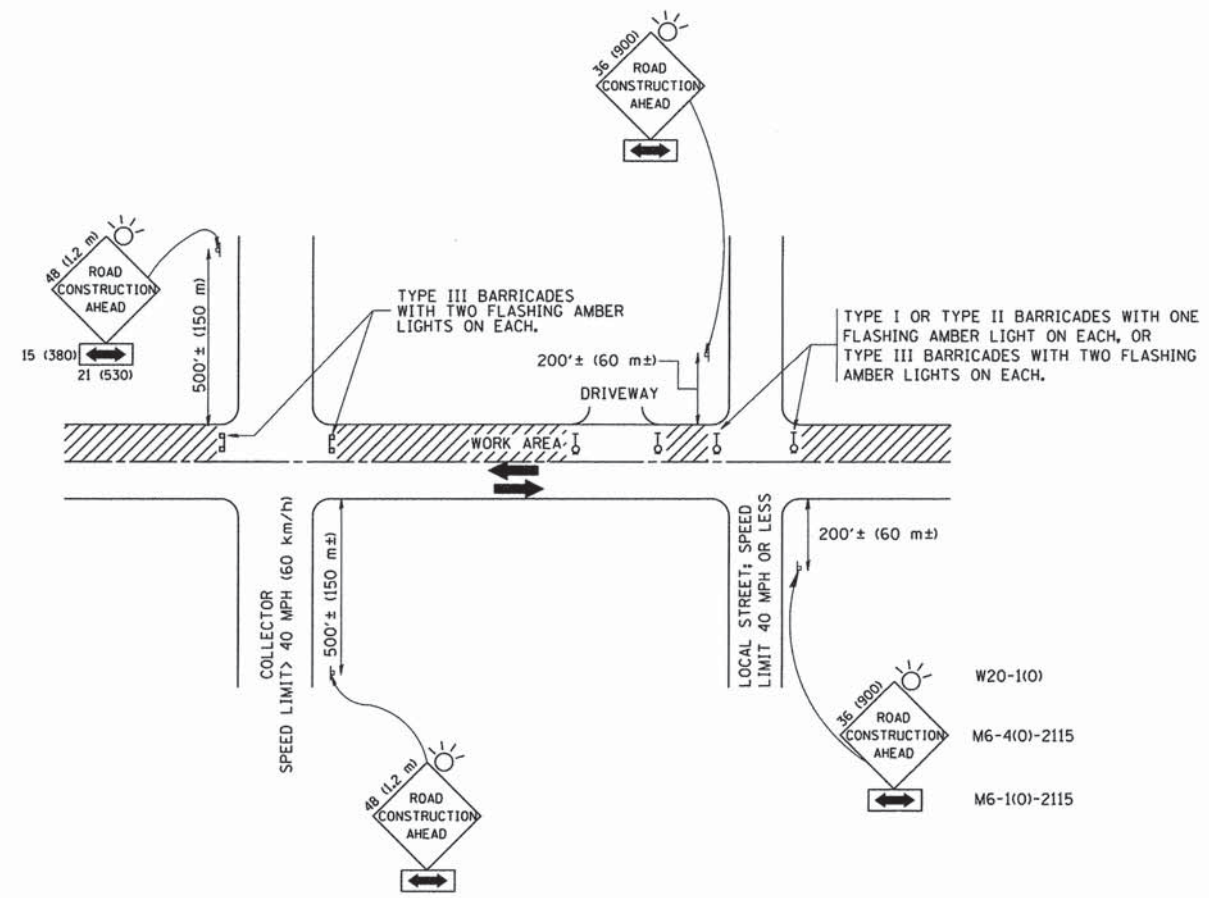
INTERSECTION - NEWCASTLE AVE. AND SUNNYSIDE AVE.

FILE NAME = INTERSECTION PLANS 11-14.DWG	USER NAME = EMILY K. SCHNEIDER	DESIGNED - TSIANIS	REVISED -
		DRAWN - B BUTTERFIELD	REVISED -
		CHECKED - RNORDMEYER	REVISED -
		DATE - 10/08/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLANS	
SCALE: NONE	SHEET 12 OF 23 SHEETS STA. --- TO STA. ---

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	15-00058-00-SW	COOK	15	12
ILLINOIS		CONTRACT NO. 61C09		
FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\diststd\22x34\tbl.dgn	USER NAME = goglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

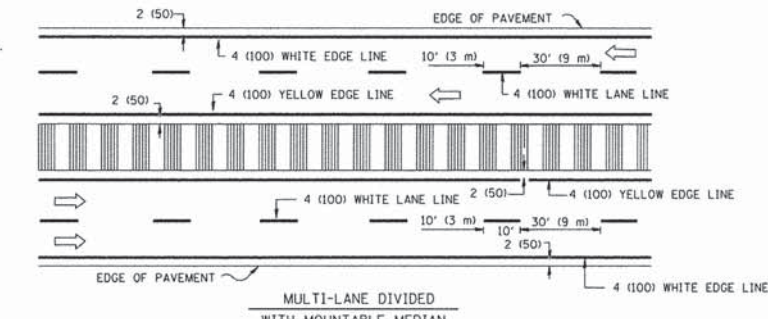
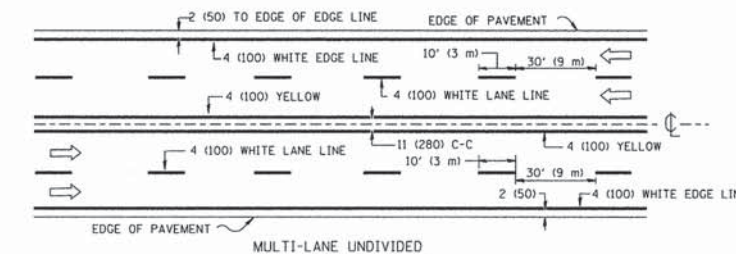
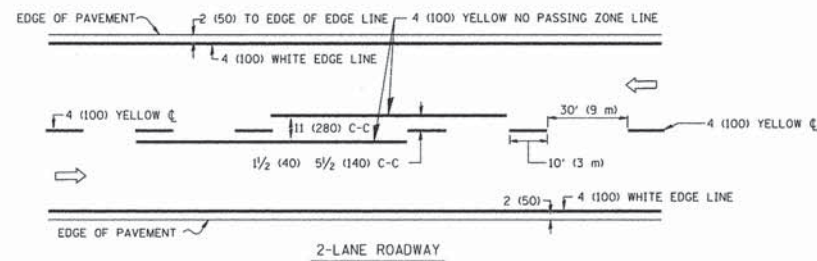
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = DISTRICT 1 CONST DETAILS.DWG	USER NAME = BRETT R. BUTTERFIELD	DESIGNED - TSIANIS	REVISED - 01/04/2016
		DRAWN - BBUTTERFIELD	REVISED -
	PLOT SCALE = -----	CHECKED - RNORDMEYER	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

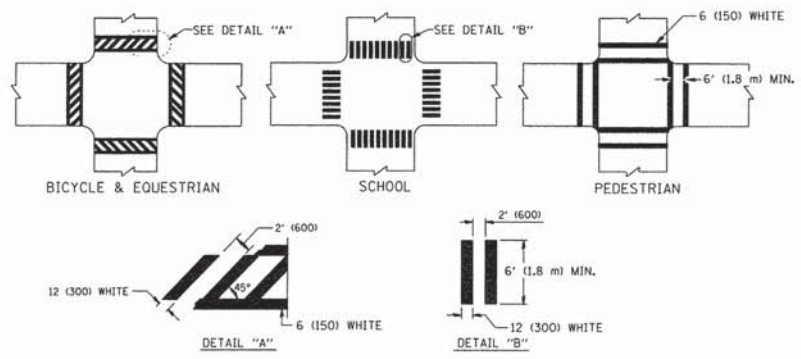
TRAFFIC CONTROL & PROTECTION DETAIL (D-1)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	15-00058-00-SW	COOK	15	13
ILLINOIS		CONTRACT NO. 61C09		
FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT				

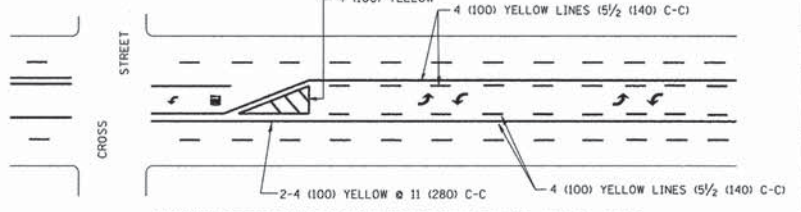
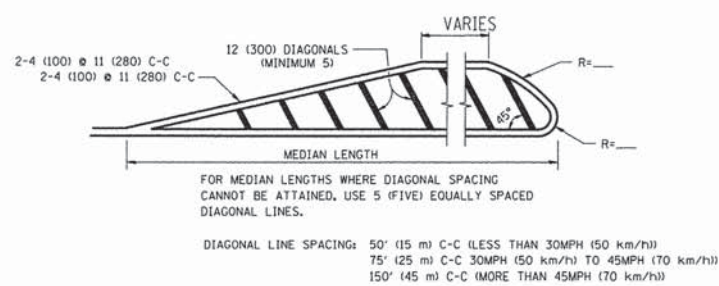
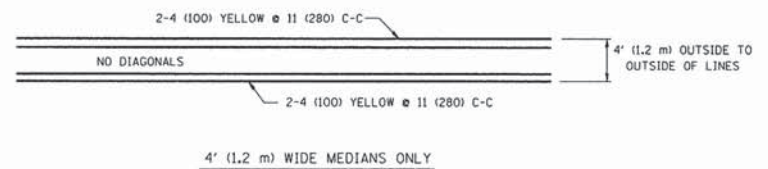


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

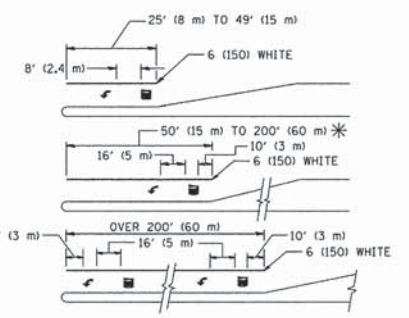
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



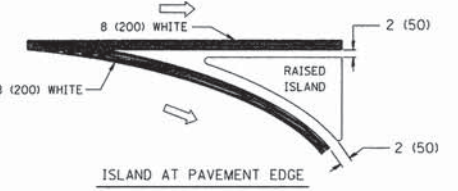
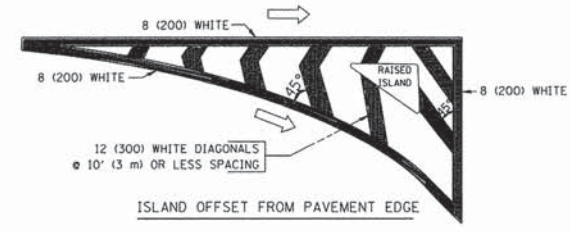
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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

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

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
ci:\pwwork\p1dot\drivakosgn\08108315\td3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50,000 * / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS						
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

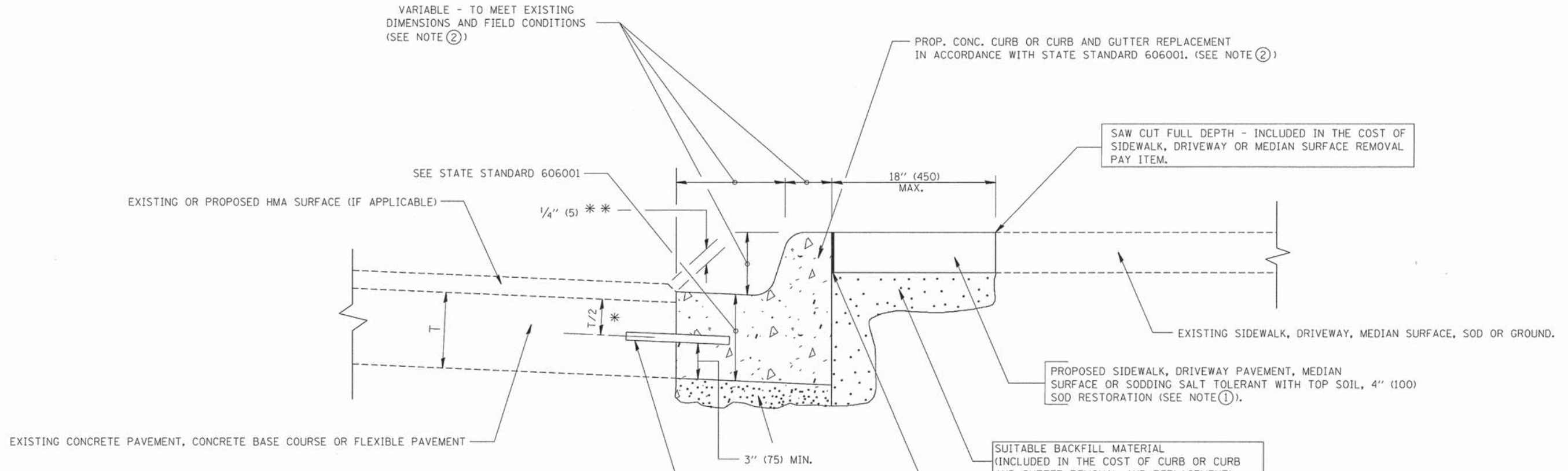
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	15-00058-00-SW	COOK	15	14
ILLINOIS CONTRACT NO. 61C09				

FILE NAME = DISTRICT 1 CONST DETAILS.DWG	USER NAME = BRETT R. BUTTERFIELD	DESIGNED - TSANIS	REVISED - 01/04/2016
		DRAWN - B BUTTERFIELD	REVISED -
	PLOT SCALE = ----	CHECKED - RNORDMEYER	REVISED -
	PLOT DATE = 1/4/2016 12:27 PM	DATE - 10/08/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS DETAIL (D-1)						
SCALE: NONE	SHEET 14 OF 15 SHEETS	STA.	--- TO STA. ---	FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	15-00058-00-SW	COOK	15	14
ILLINOIS CONTRACT NO. 61C09				



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
 SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
 ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
 ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
 ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
 ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
 ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
 ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
ct:\p_wor\pwidot\drivakosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		BD600-06 (BD-24)		CONTRACT NO.		
SHEET NO. 1 OF 1 SHEETS		STA. --- TO STA. ---		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

FILE NAME = DISTRICT 1 CONST DETAILS.DWG	USER NAME = BRETT R. BUTTERFIELD	DESIGNED - TSIANIS	REVISED - 01/04/2016
		DRAWN - B BUTTERFIELD	REVISED -
	PLOT SCALE = ----	CHECKED - RNORDMEYER	REVISED -
	PLOT DATE = 1/4/2016 12:27 PM	DATE - 10/08/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB & GUTTER REMOVAL & REPLACEMENT DETAIL (D-1)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		N/A		15-00058-00-SW		
SHEET 15 OF 15 SHEETS		STA. --- TO STA. ---		ILLINOIS COOK CONTRACT NO. 61C09		
		FED. ROAD DISTRICT 1		ILLINOIS FED. AID PROJECT		