

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	1
ILLINOIS			CONTRACT NO. 62C64	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN
THE CITY OF BLUE ISLAND

TRAFFIC DATA:

2014 ADT - 2150

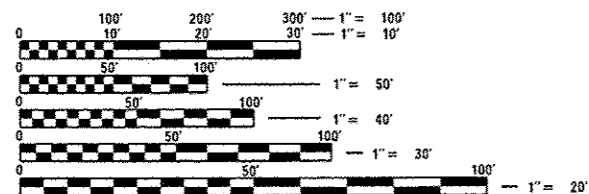
POSTED SPEED LIMIT - 30MPH

PROPOSED HIGHWAY PLANS

FAU ROUTE 1596 (BROADWAY STREET)
FRANCISCO AVE TO ASHLAND AVE
SECTION 2016-030RS
RESURFACING (3P), PEDESTRIAN RAMPS
PROJECT ACM-1596(009)
COOK COUNTY

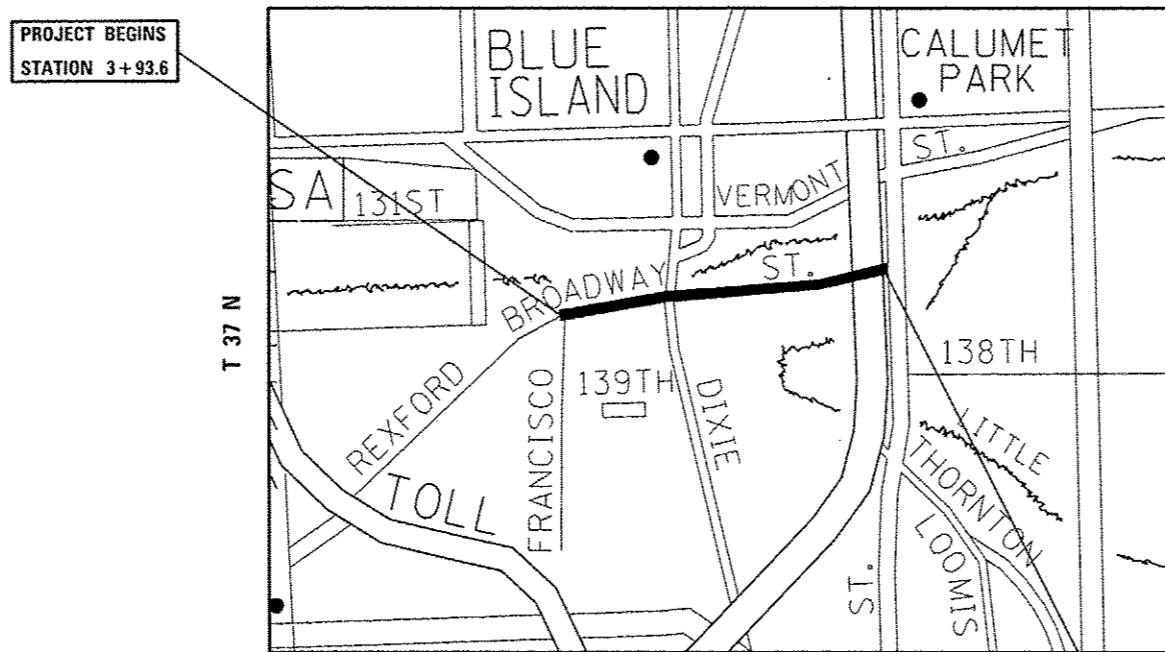
C-91-371-16

R 13 E
R 14 E



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 BEGINS
STATION 3+93.6

PROJECT ENDS
STATION 91+46.2

GROSS LENGTH = 8752.6 FT = 1.66 MILE
NET LENGTH = 8450.6 FT = 1.60 MILE

PROJECT ENGINEER: MIDY, J. ALAIN (847) 221-3056
PROJECT MANAGER: ISSAM RAYAN (847) 705-4178

CONTRACT NO. 62C64

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *October 18, 2016*

John F. [Signature]
REGIONAL ENGINEER

Dec 9, 2016
Maureen M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9, 2016
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

1	TITLE SHEET	442201-03	CLASS C AND D PATCHES
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	606001-06	CONCRETE CURB TYPE "B" AND COMBINATION CONCRETE CURB AND GUTTER
3-4	SUMMARY OF QUANTITIES	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
5-7	EXISTING AND PROPOSED TYPICAL SECTIONS	701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
8-10	ROADWAY AND PAVEMENT MARKING PLAN	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
11-12	DETECTOR LOOP REPLACEMENT PLANS	701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
13-31	ADA RAMPS	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS < 40 MPH
32	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
33	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
34	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
35	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
36	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)	701901-06	TRAFFIC CONTROL DEVICES
37	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	780001-05	TYPICAL PAVEMENT MARKINGS
38	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)		
39	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)		
40	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)		
41	PAVEMENT MARKING LETTER AND SYMBOLS FOR TRAFFIC STAGING (TC-16)		
42	ARTERIAL ROAD INFORMATION SIGN (TC-22)		
43-44	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSING (TC-23)		
45	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)		

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF BLUE ISLAND.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD TECHNICIAN, MS. PATRICE HARRIS AT Patrice.harris@illinois.gov TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

THE ENGINEER SHALL REPORT CLEARANCES UNDER THE BRIDGE AFTER RESURFACING.

FILE NAME =	USER NAME = gorenjavtab	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11004E01\INTEG\illinois.gov\WIDOT\Documents\DOT OFFices\District 1\Projects\013716\013716-01\Design\013716-01-01-01-01.dgn	CHECKED =	REVISED =	1596			2016-030RS	COOK	45	2		
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED =	REVISED =			CONTRACT NO. 62C64					
	PLOT DATE = 10/20/2016	DATE =	REVISED =			SCALE:	SHEET	OF	SHEETS	STA.	TO

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005				
20200100	EARTH EXCAVATION	CU YD	190	190				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	782	782				
25200110	SODDING, SALT TOLERANT	SO YD	782	782				
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	1144	1144				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25790	25790				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	57.5	57.5				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, NSO	TON	2105	2105				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1040	1040				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3210	3210				
42001300	PROTECTIVE COAT	SO YD	1720	1720				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	10098	10098				
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	16	16				
42400800	DETECTABLE WARNINGS	SO FT	905	905				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	35230	35230				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	16	16				
44000600	SIDEWALK REMOVAL	SO FT	9393	9393				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005				
44004250	PAVED SHOULDER REMOVAL	SO YD	27	27				
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SO YD	203	203				
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SO YD	60	60				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	200	200				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	120	120				
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	387	387				
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SO YD	1	1				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	14.5	14.5				
56108200	ADJUSTING WATER VALVES 6"	EACH	3	3				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	7	7				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE I FRAME, OPEN LID	EACH	6	6				
60251520	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE IIV FRAME AND GRATE	EACH	7	7				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2				
60406100	FRAMES AND LIDS, TYPE I, CLOSED LID	EACH	1	1				
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	110	110				
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				

16

FILE NAME :	USER NAME :	DESIGNED -	REVISED -
OFFICE:	PROJECT:	CHECKED -	REVISED -
PLOT SCALE :	PLOT DATE :	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	3
CONTRACT NO. 62C64				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	LSUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5640	5640					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1510	1510					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	123	123					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15035	15035					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	980	980					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	380	380					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	455	455					
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	6.3	6.3					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	123	123					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15032	15032					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	980	980					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	380	380					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	455	455					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	464	464					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	464	464					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	403	403					
* 89502376	REBUILD EXISTING HANDHOLE	EACH	5	5					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	5	5					
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	400	400					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	55	55					
Z0004562	COMBINATION CONCRETE CURB AND CUTTER REMOVAL AND REPLACEMENT	FOOT	2124	2124					
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	18	18					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	70	70					
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	6	6					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1					

FILE NAME :	USER NAME : gorange	DESIGNED -	REVISED -
PROJECT :	OFFICE :	CHECKED -	REVISED -
PLOT SCALE : 1/8" = 1' / 1/4"	PLOT DATE : 10/24/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

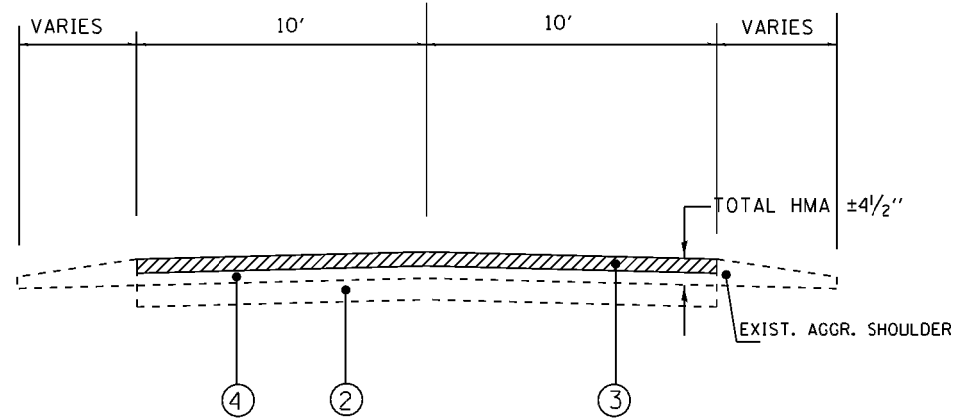
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62CG4	

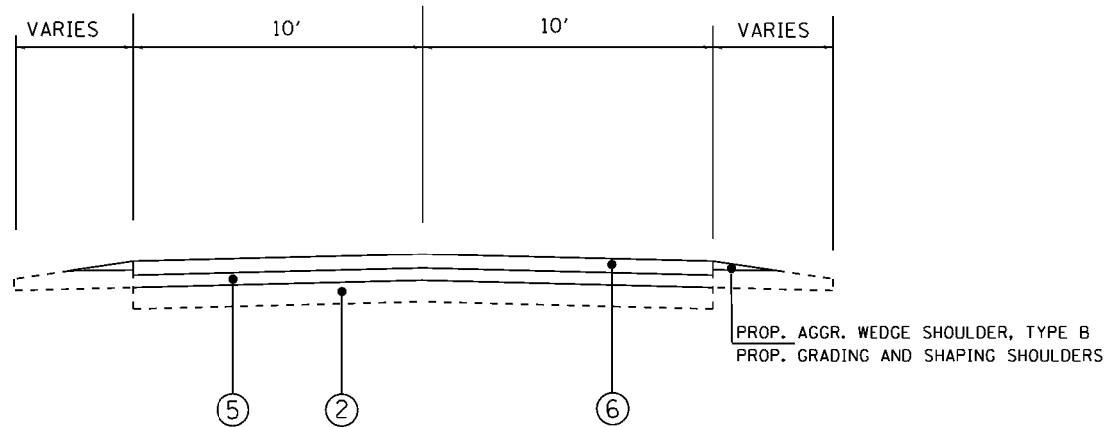
* SPECIALTY ITEM
□ NON-PART. (100% STATE)

CL IL BROADWAY ST



EXISTING TYPICAL SECTION
STA. 3+93.6 TO STA. 10+18

CL IL BROADWAY ST



PROPOSED TYPICAL SECTION
STA. 3+93.6 TO STA. 10+18

LEGEND

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER
- 2 EXISTING PCC (VARIES FROM ±7" TO ±11")
- 3 PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- 4 EXISTING HMA PAVEMENT AFTER MILLING, ±2"
- 5 PROPOSED POLYMERIZED LEVELING BINDER (MM) IL -4.75, N50, 1"
- 6 PROPOSED HMA SURFACE COURSE MIX "D", N70, 1 1/2"
- 7 EXISTING CONCRETE RAISED MEDIAN

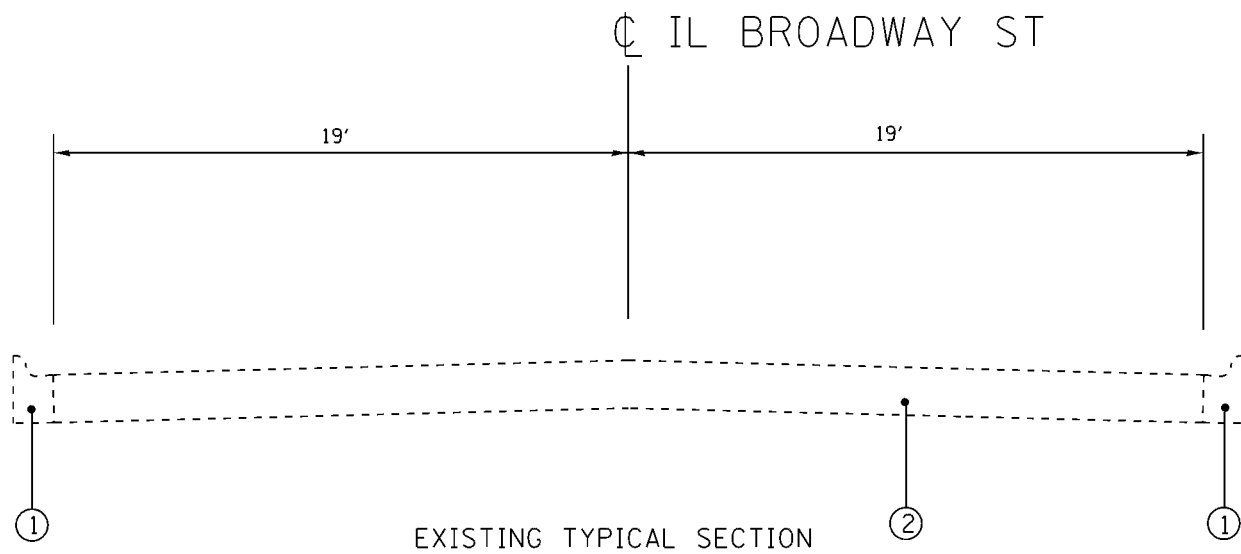
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm).	4% @ 70 GYR.	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50.	3.5% @ 50 GYR.	OCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	Oc/Oa

QMP Designation: Quality Control/Quality Assurance (QC/CA); Quality Control for Performance (OCP);

NOTE:

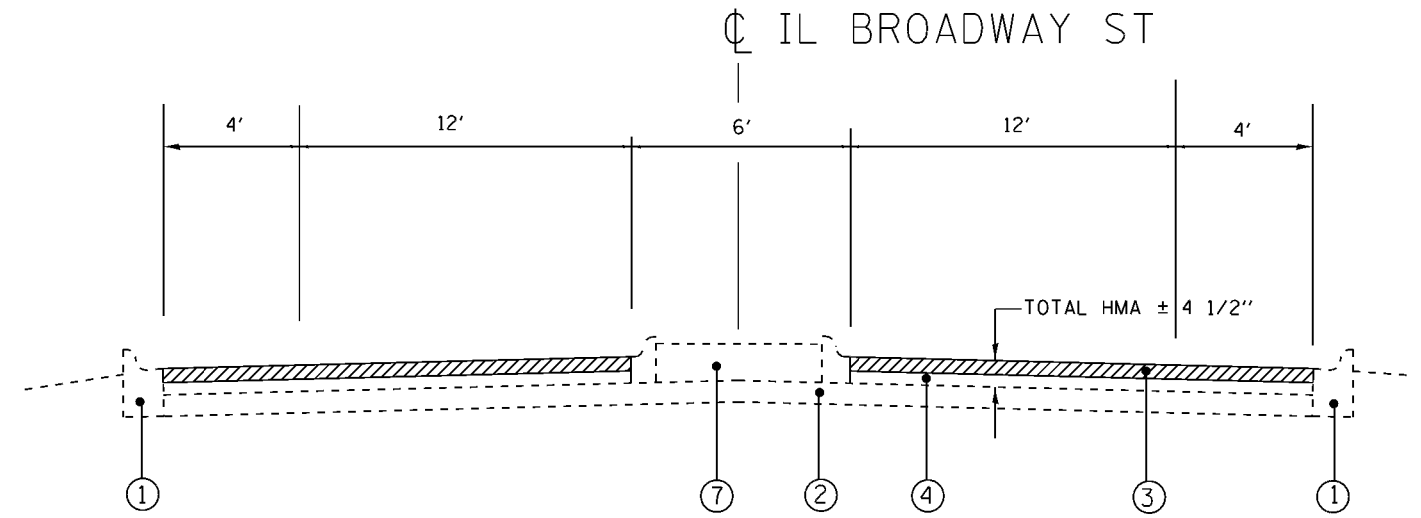
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ.YD./IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUANTITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE: CONTRACTOR SHALL MILL FIRST BEFORE PATCHING



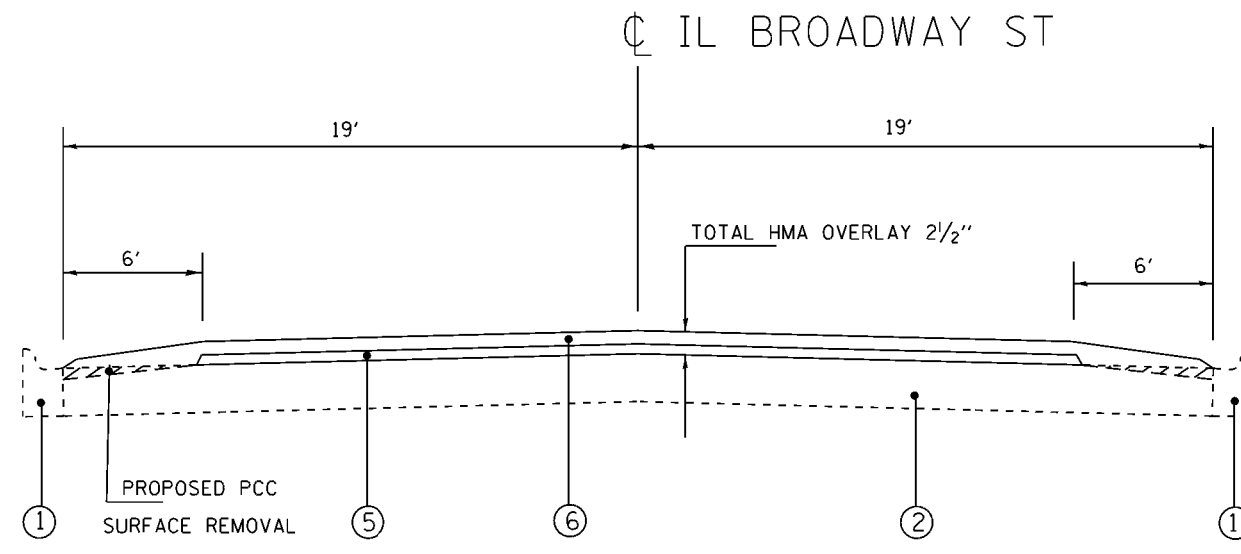
EXISTING TYPICAL SECTION

STA. 14+53 TO STA. 16+04
STA. 27+96 TO STA. 32+39



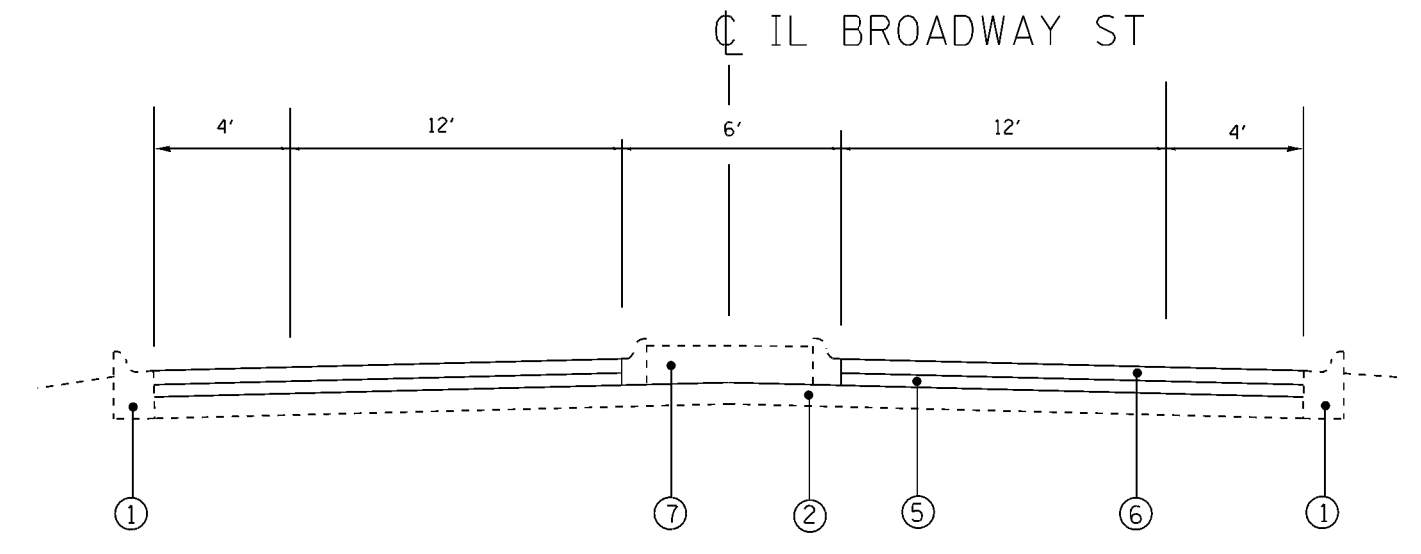
EXISTING TYPICAL SECTION

STA. 16+76 TO STA. 18+88
STA. 20+54.59 TO STA. 21+65



PROPOSED TYPICAL SECTION

STA. 14+53 TO STA. 16+04
STA. 27+96 TO STA. 32+39



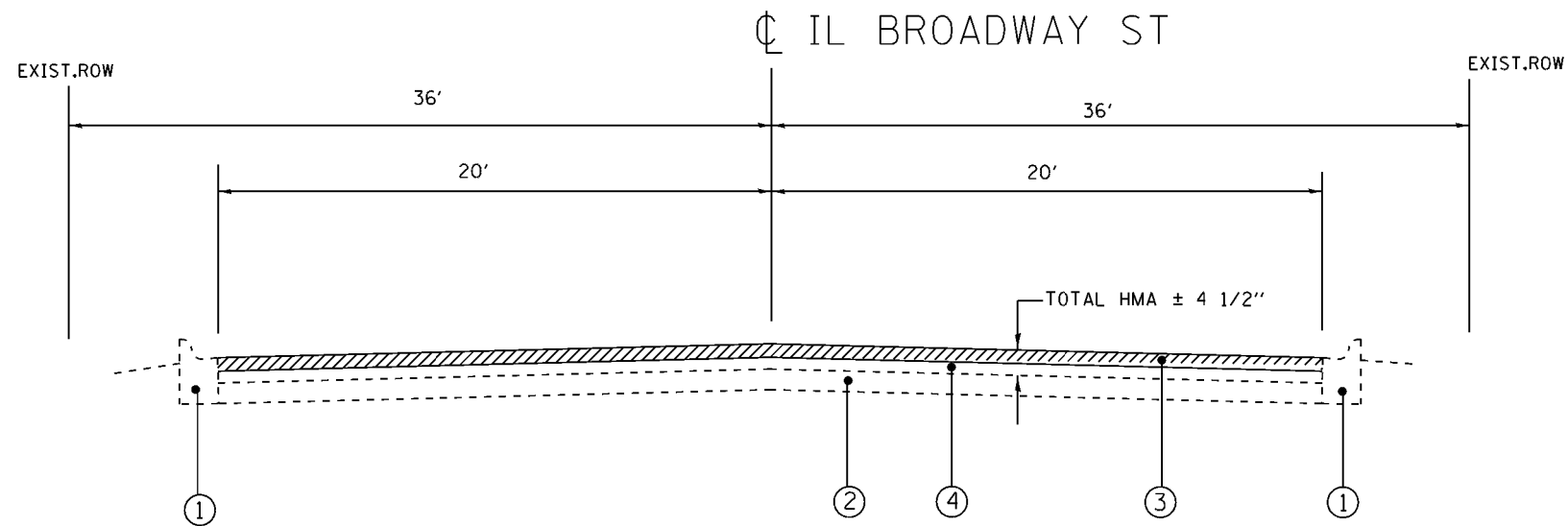
PROPOSED TYPICAL SECTION

STA. 16+76 TO STA. 18+88
STA. 20+54.59 TO STA. 21+65

LEGEND

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER
- 2 EXISTING PCC (VARIES FROM ±7" TO ±11")
- 3 PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- 4 EXISTING HMA PAVEMENT AFTER MILLING, ±2"
- 5 PROPOSED POLYMERIZED LEVELING BINDER (MM) IL -4.75, N50, 1"
- 6 PROPOSED HMA SURFACE COURSE MIX "D", N70, 1 1/2"
- 7 EXISTING CONCRETE RAISED MEDIAN

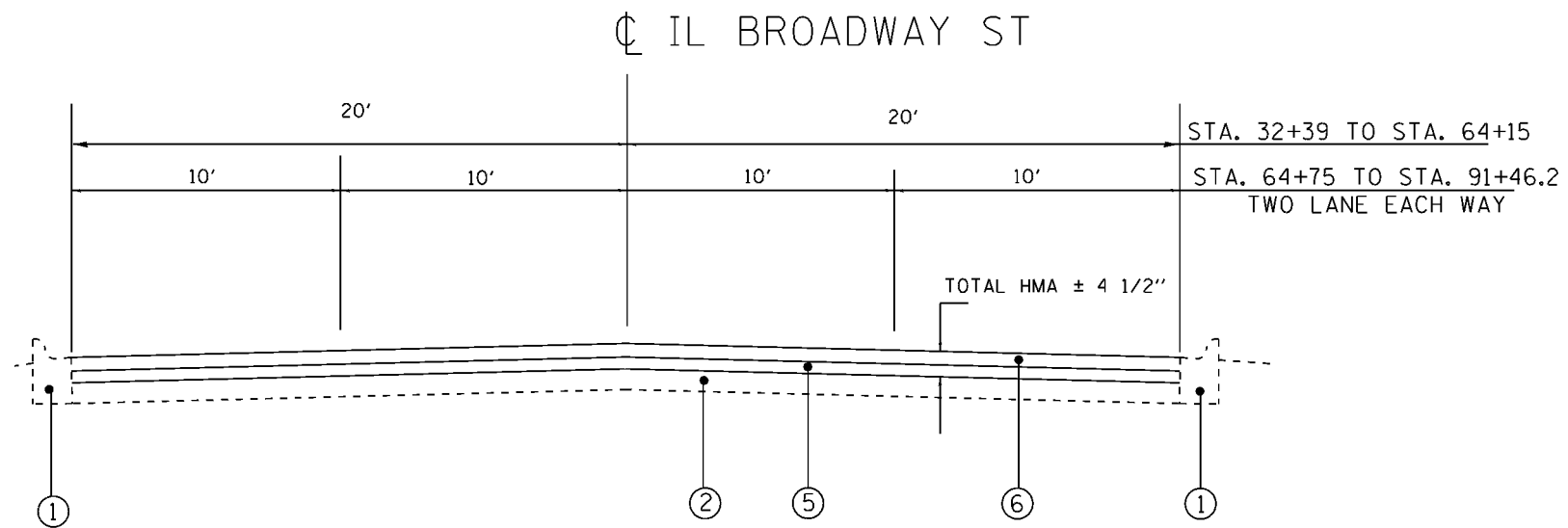
FILE NAME =	USER NAME = gorengeautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\il\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\DI37116\084EBID\Design\DI37116-shr-pln.dgn		REVISIONS				1596	2016-030RS	COOK	45	6	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 62C64					
	PLOT DATE = 10/18/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



EXISTING TYPICAL SECTION
STA. 32+39 TO STA. 91+46.2

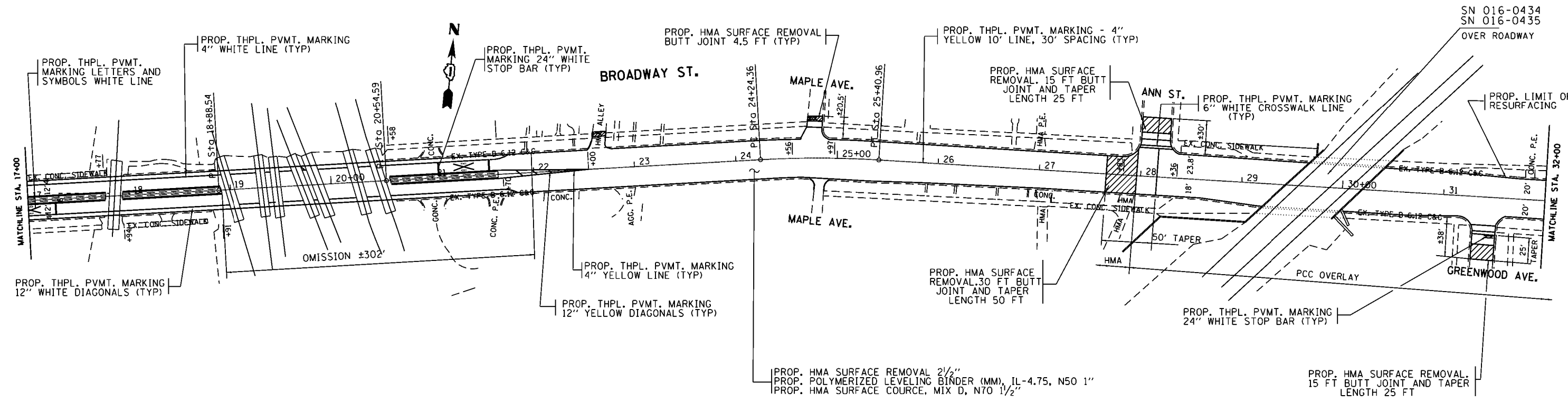
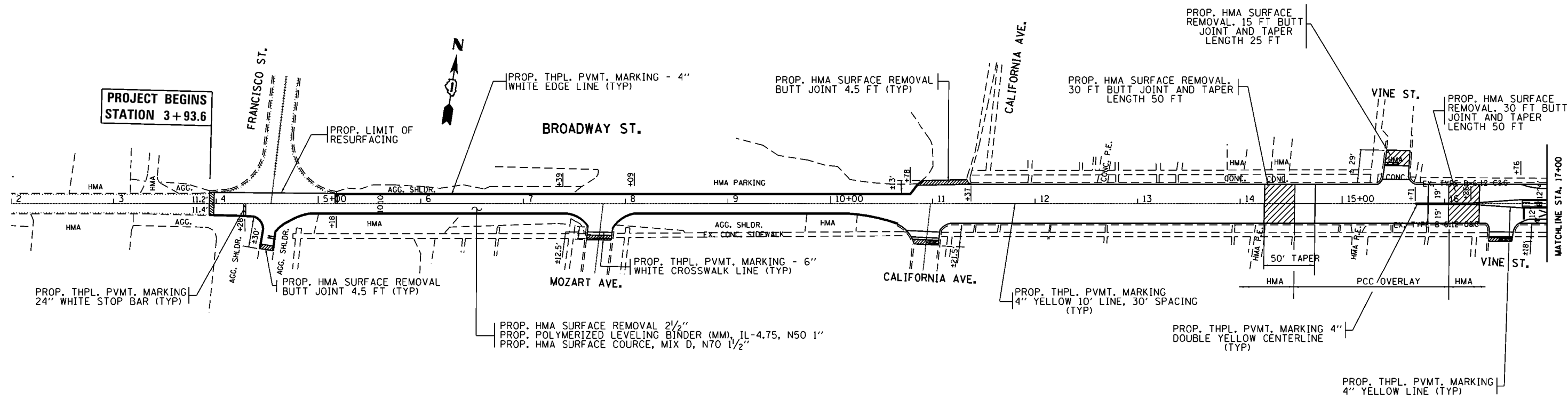
LEGEND

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER
- 2 EXISTING PCC (VARIES FROM ±7" TO ±11")
- 3 PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- 4 EXISTING HMA PAVEMENT AFTER MILLING, ±2"
- 5 PROPOSED POLYMERIZED LEVELING BINDER (MM) IL -4.75, N50' 1"
- 6 PROPOSED HMA SURFACE COURSE MIX "D", N70, 1 1/2"
- 7 EXISTING CONCRETE RAISED MEDIAN

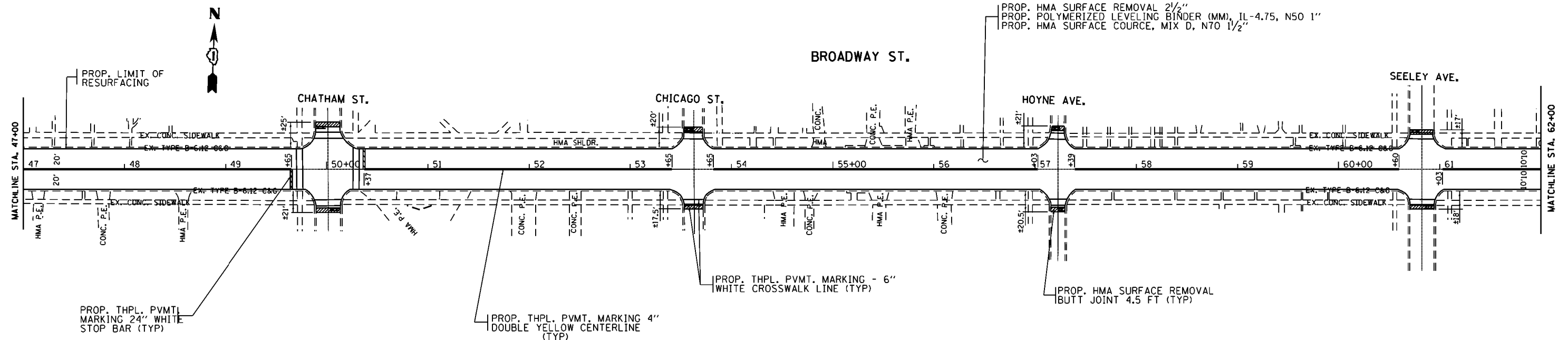
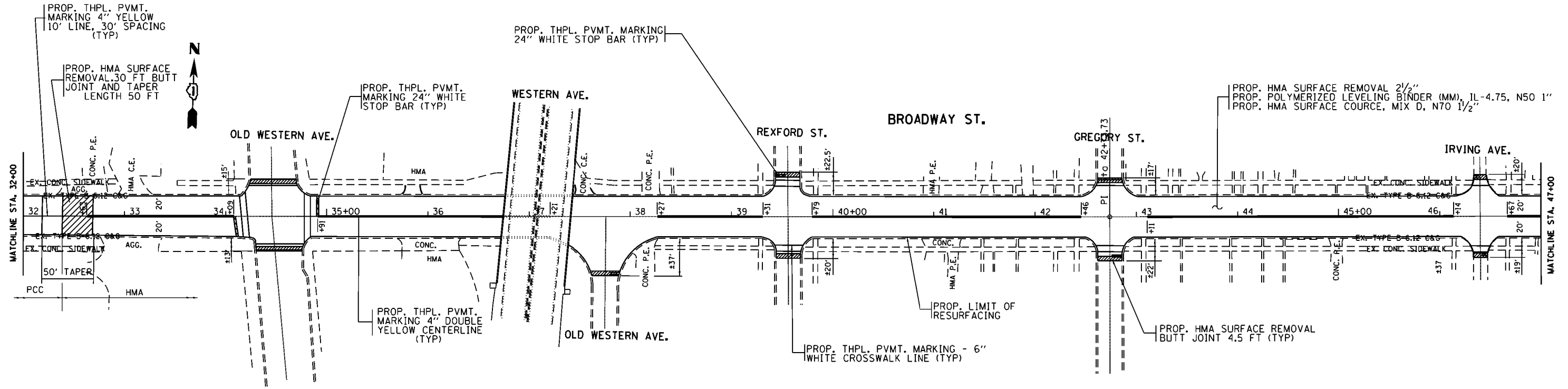


PROPOSED TYPICAL SECTION
STA. 32+39 TO STA. 91+46.2

FILE NAME =	USER NAME = gorengetab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\137116\137116-030RS\Design\137116-shr-plan.dgn		REVISIONS				1596	2016-030RS	COOK	45	7	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 62C64					
	PLOT DATE = 10/18/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

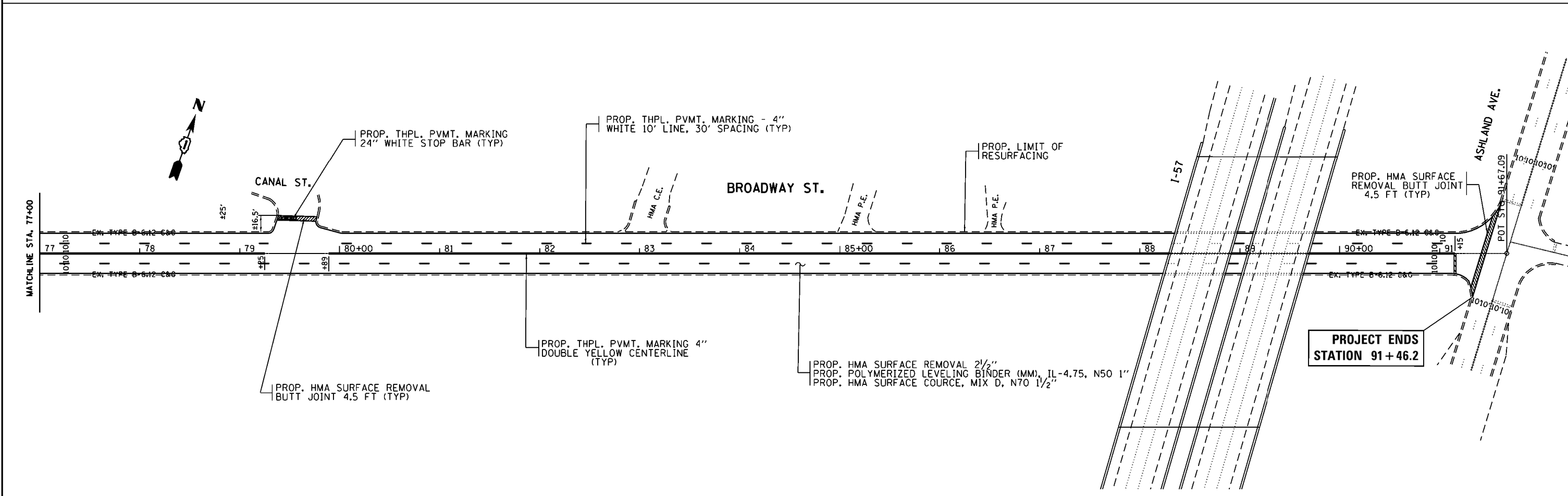
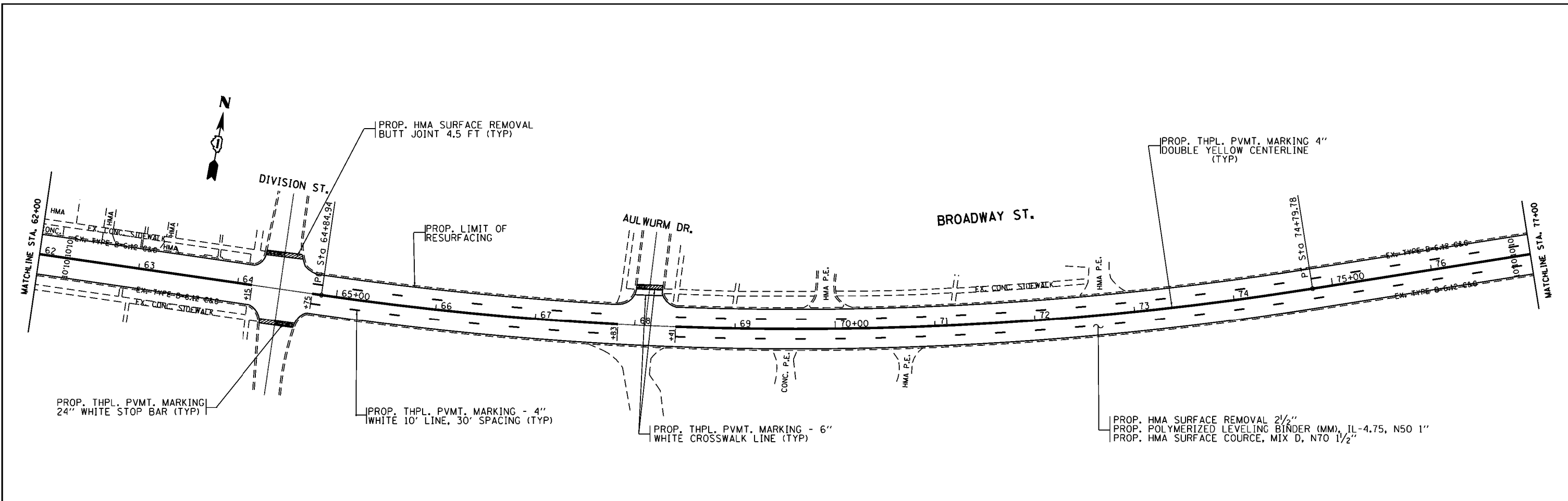


FILE NAME =	USER NAME = gorenautob	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)	F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\0137116\0137116\0137116\Design\0137116-sht-plan.dgn						1596	2016-030RS	COOK	45	8	
PLOT SCALE = 100.0000' / 1" / 1"						CHECKED -	REVISED -	CONTRACT NO. 62C64			
Default						DATE -	REVISED -	ILLINOIS FED. AID PROJECT			



FILE NAME =	USER NAME = gorenautob	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwi\ill084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI37116\000\00\00\Design\DI37116-sh1-pln.dgn		REVISÉD -	REVISÉD -			1596	2016-030RS	COOK	45	9
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISÉD -			CONTRACT NO. 62C64				
	PLOT DATE = 10/18/2016	DATE -	REVISÉD -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET OF SHEETS STA. 32+00 TO STA. 62+00



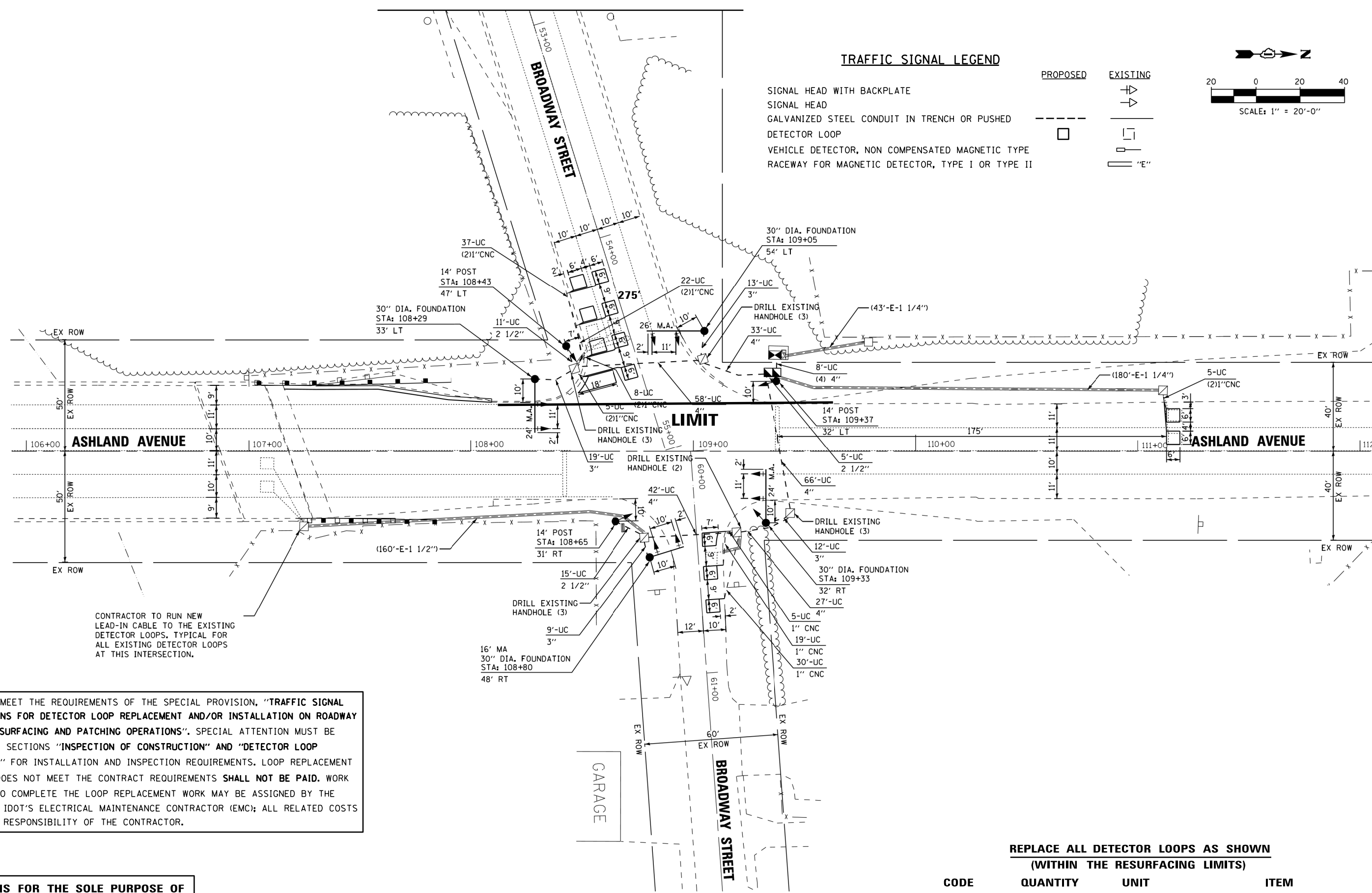
FILE NAME =	USER NAME = gorenautob	DESIGNED -	REVISED -
pw\l\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\137116\BROADWAY\Design\137116-shr-plan.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1\"/>		
	DATE = 10/18/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
BROADWAY ST. (FRANCISCO AVE. TO ASHLAND AVE.)**

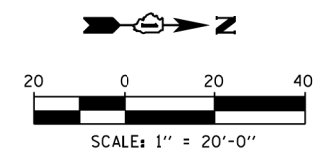
SCALE: 1"=50' SHEET OF SHEETS STA. 62+00 TO STA. 91+46.2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	10
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL LEGEND

- | | | |
|--|----------|----------|
| SIGNAL HEAD WITH BACKPLATE | PROPOSED | EXISTING |
| SIGNAL HEAD | | |
| GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED | | |
| DETECTOR LOOP | | |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | |



WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID**. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

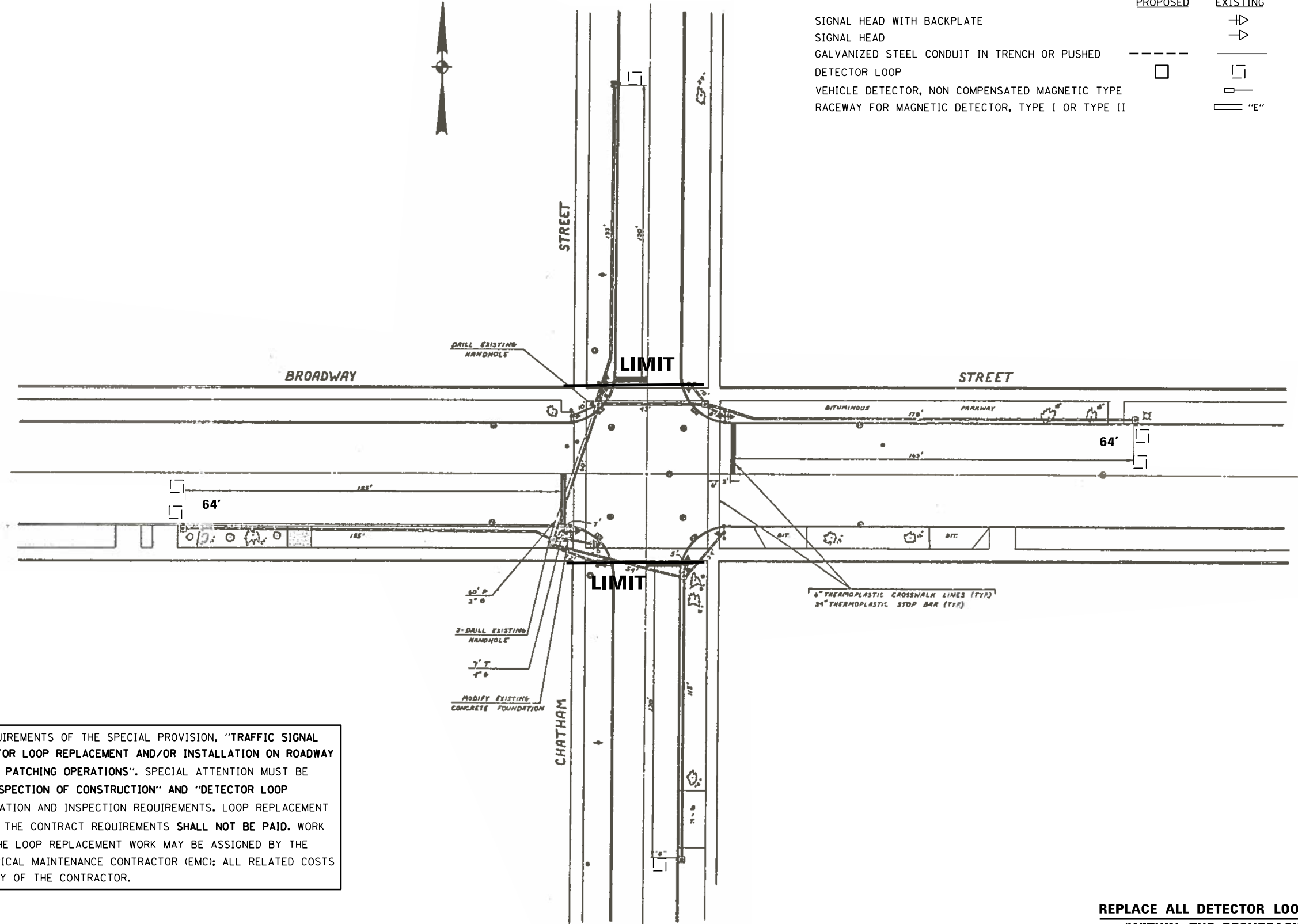
REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	275'	FOOT	DETECTOR LOOP REPLACEMENT



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE	⊕	⊕
SIGNAL HEAD	⊖	⊖
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	---	---
DETECTOR LOOP	□	□
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	⊞	⊞
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	⊞	⊞



WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID**. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	128'	FOOT	DETECTOR LOOP REPLACEMENT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -
S:\WP\Design\SN\B. of Design - Resurfacing project - Detector Loops Replacement\2015\DWG\CADD\Detector Loop.dgn		DRAWN - SN	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - SN	REVISIONS	REVISED -
PLOT DATE = 8/8/2016	DATE - 08-09-2016		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT
BROADWAY ST. AND CHATHAM ST.**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62C64	

BENCHMARKS:

1. NGS ME1834. THE BENCHMARK DISK SET IN THE TOP OF A CONCRETE POST, PROJECTING 4 INCHES. THE MONUMENT IS LOCATED ABOUT 0.9 MILE EAST ALONG VERMONT STREET FROM THE POST OFFICE AT BLUE ISLAND. SET IN THE NORTHEAST ANGLE OF THE JUNCTION OF WOOD STREET. AT THE SOUTHWEST CORNER OF A PARK, 90 FEET NORTH OF THE CENTER LINE OF VERMONT STREET AND 36 FEET EAST OF THE CENTER LINE OF WOOD STREET, 20.5 FEET SOUTH OF A POWER POLE, 1 FOOT WEST OF THE WEST EDGE OF THE CONCRETE SIDEWALK, 2 FEET SOUTH OF A WHITE WOODEN WITNESS POST, ABOUT 0.3 ABOVE THE SIDEWALK. ELEV. 605.82
2. NGS ME1838. 0.2 MI WEST FROM BLUE ISLAND. ABOUT 0.2 MILE WEST ALONG STATE HIGHWAY 83 FROM GRAND TRUNK AND WESTERN RAILROAD STATION AT BLUE ISLAND, SET VERTICALLY IN THE NORTH FACE OF THE CONCRETE FOUNDATION OF THE NORTHWEST CORNER OF 2801 WEST BROADWAY ST. 1 FOOT EAST OF THE NORTHWEST CORNER AND ABOUT 1 FOOT ABOVE THE SIDEWALK. ELEV. 596.36

BILL OF MATERIAL

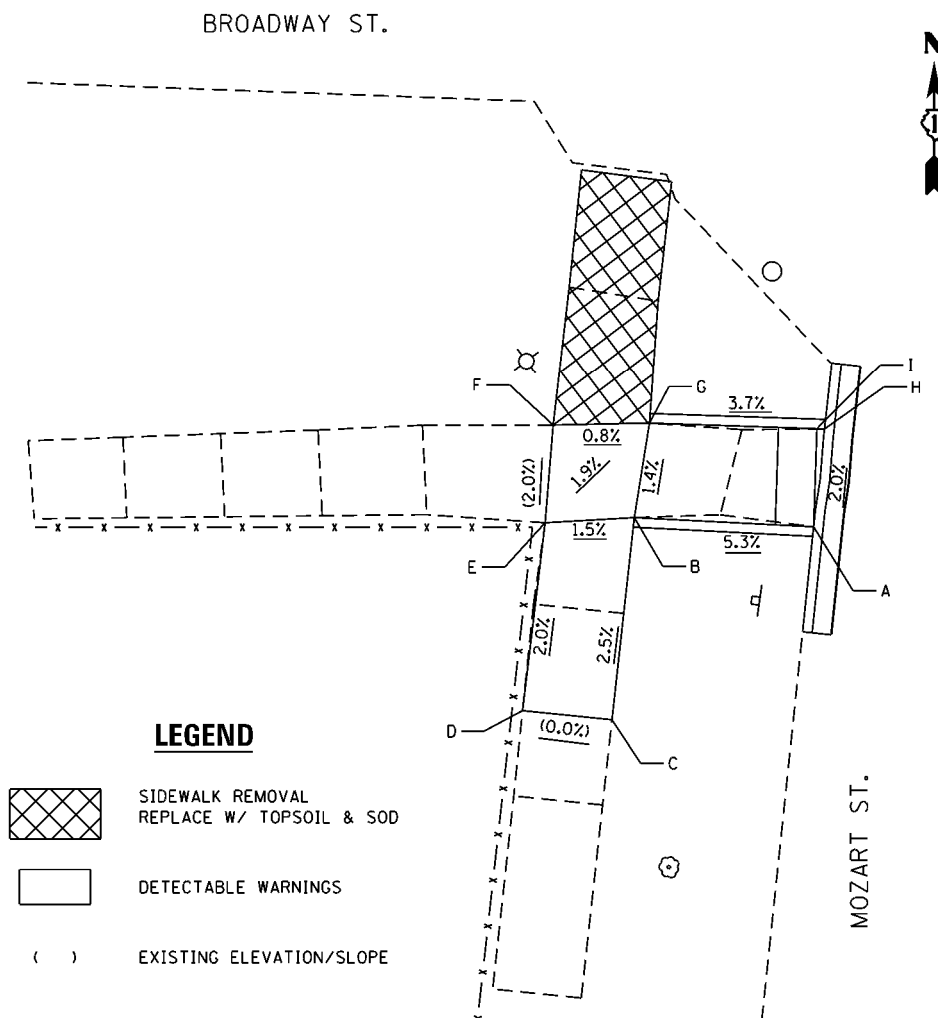
ITEM	QUANTITY
EARTH EXCAVATION	7 CU YD
TOPSOIL FURNISH AND PLACE, 4"	43 SQ YD
SODDING, SALT TOLERANT	43 SQ YD
PROTECTIVE COAT	43 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	316.5 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	382 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	27 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	35 SQ YD

SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815583.6129 E=1159853.8194	593.98
B	N=1815582.7820 E=1159844.5110	594.47
C	N=1815572.2186 E=1159844.8274	(594.74)
D	N=1815572.0347 E=1159840.1530	(594.74)
E	N=1815581.8680 E=1159839.9520	(594.54)
F	N=1815586.9570 E=1159839.6570	(594.44)
G	N=1815587.7570 E=1159844.6060	594.40
H	N=1815588.7256 E=1159853.6689	594.08
I	N=1815588.6547 E=1159853.0054	594.08

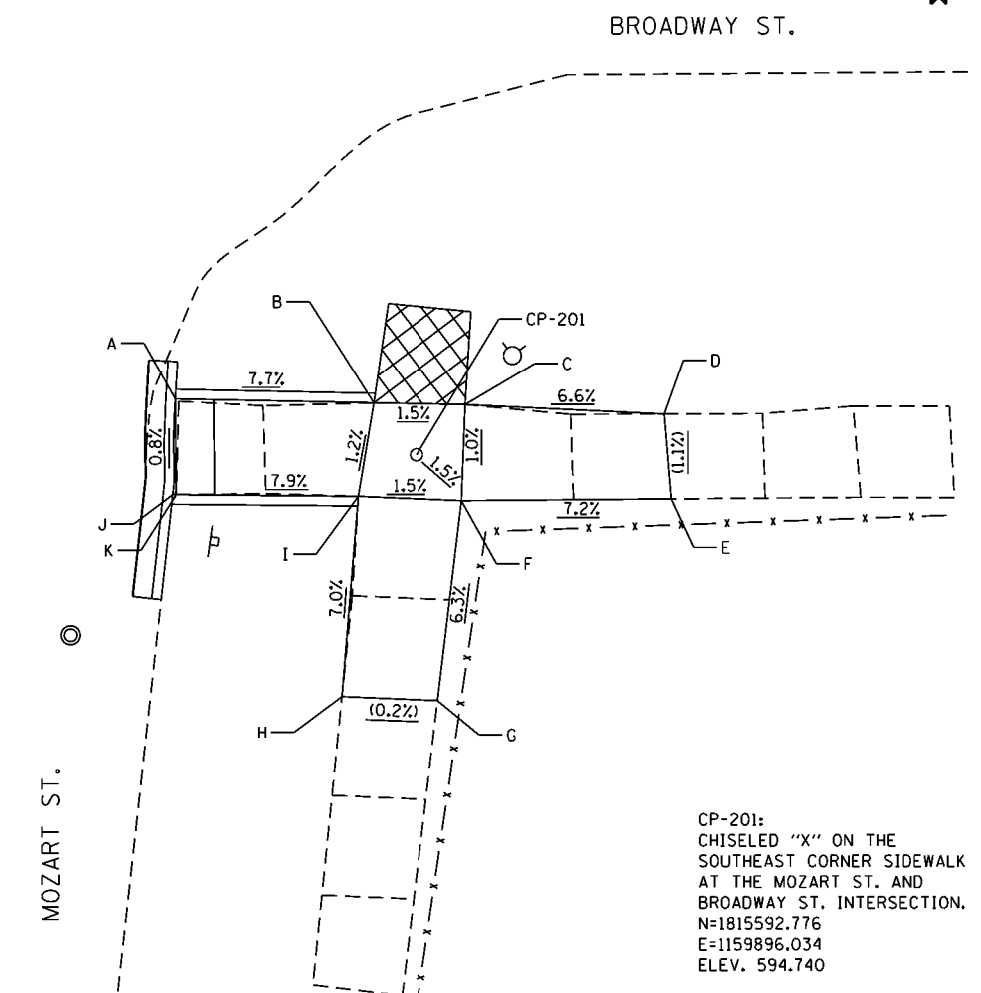
SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815593.9096 E=1159883.1753	593.21
B	N=1815595.1510 E=1159893.4450	594.00
C	N=1815595.7270 E=1159898.1870	594.07
D	N=1815596.6890 E=1159908.5241	(594.76)
E	N=1815592.3548 E=1159909.5119	(594.81)
F	N=1815590.7360 E=1159898.6970	594.02
G	N=1815580.2691 E=1159898.9095	(594.68)
H	N=1815579.7770 E=1159893.9285	(594.67)
I	N=1815590.2050 E=1159893.3220	593.94
J	N=1815588.9410 E=1159883.7420	593.17
K	N=1815588.9691 E=1159883.9266	593.17



LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE



CP-201:
CHISELED "X" ON THE
SOUTHEAST CORNER SIDEWALK
AT THE MOZART ST. AND
BROADWAY ST. INTERSECTION.
N=1815592.776
E=1159896.034
ELEV. 594.740

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - MOZART ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	13
CONTRACT NO. 62C64				

SCALE: SHEET OF SHEETS STA. TO STA.

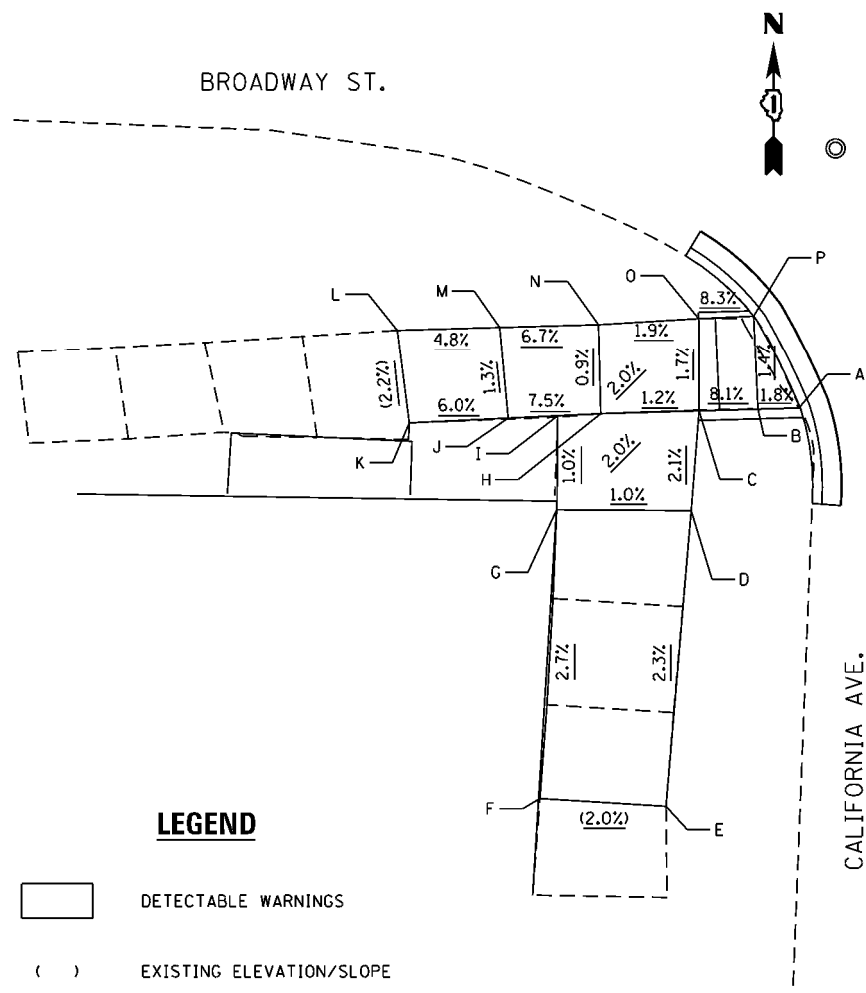
ILLINOIS FED. AID PROJECT

FILE NAME = p:\11084EBID\INTEG\11084EBID\Documents\1001\0ffices\District\Projects\10137116\Consult\MapData\Accurate Group\CADD Sheets\10162264-Sht-ADA 01 Mozart St.dgn



USER NAME = gorenautob	DESIGNED - SAT	REVISED -
	DRAWN - GDC	REVISED -
PLOT SCALE = 28.0000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 10/24/2016	DATE - 10/24/2016	REVISED -

FILE NAME = p:\11084EB\ID\INTEC\Illinois.gov\1001\Documents\1001\Projects\10137116\Consult\Drawings\Group\CADD Sheets\162264-Sht-ADA 02 California Ave.dgn



SW RAMP

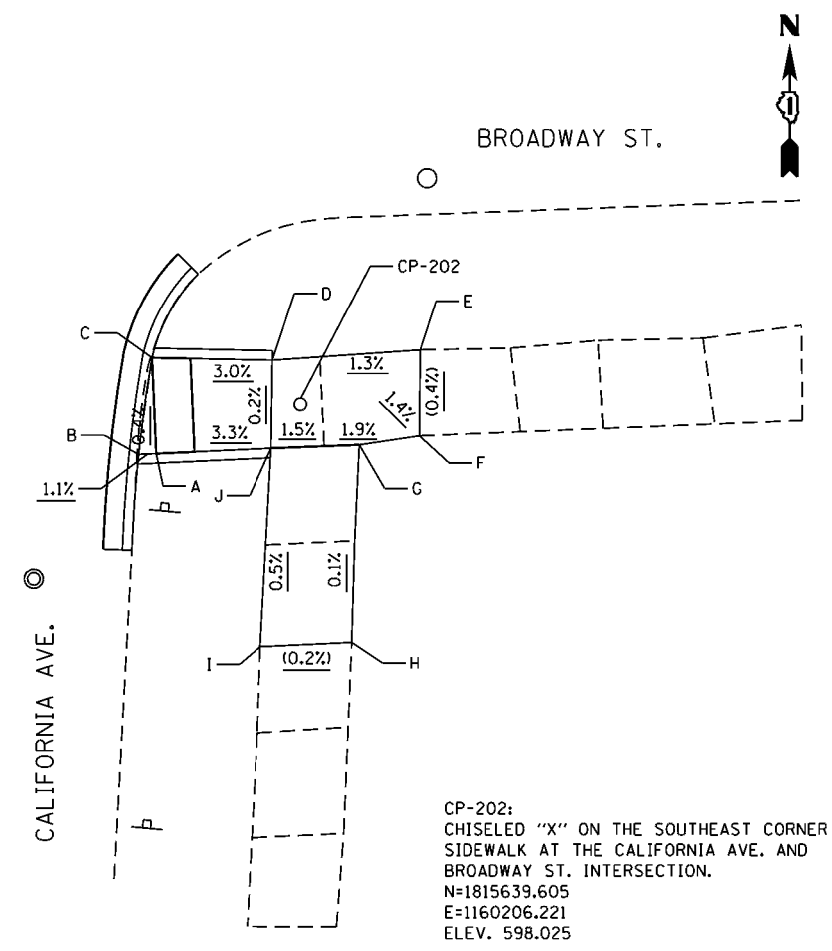
POINT	COORDINATES	ELEVATION
A	N=1815631.1115 E=1160167.1297	594.59
B	N=1815630.8461 E=1160164.9380	594.63
C	N=1815630.4776 E=1160161.8946	594.88
D	N=1815625.2760 E=1160161.9630	594.88
E	N=1815609.8510 E=1160162.0720	(595.34)
F	N=1815609.6521 E=1160155.4998	(595.47)
G	N=1815624.6750 E=1160154.9870	595.06
H	N=1815629.8620 E=1160156.8110	594.94
I	N=1815629.5495 E=1160154.5919	595.02
J	N=1815629.1894 E=1160152.0348	595.30
K	N=1815628.4640 E=1160146.8830	(595.61)
L	N=1815633.2300 E=1160145.8180	(595.50)
M	N=1815633.88 E=1160151.16	595.24
N	N=1815634.49 E=1160156.26	594.90
O	N=1815635.29 E=1160161.43	594.80
P	N=1815635.6859 E=1160164.2629	594.56
Q	N=1815625.2760 E=1160161.9630	594.99

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	7 CU YD
TOPSOIL FURNISH AND PLACE, 4"	30 SQ YD
SODDING, SALT TOLERANT	30 SQ YD
PROTECTIVE COAT	48 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	358.5 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	348 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	31 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	40 SQ YD

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815636.3600 E=1160198.9446	594.69
B	N=1815636.2350 E=1160198.0340	594.68
C	N=1815641.3050 E=1160198.2660	594.71
D	N=1815641.7602 E=1160204.5509	594.90
E	N=1815643.0060 E=1160212.1890	(595.00)
F	N=1815638.5500 E=1160212.5540	(595.02)
G	N=1815637.7950 E=1160209.4760	594.96
H	N=1815627.5260 E=1160210.0290	(595.95)
I	N=1815626.8626 E=1160205.2816	(594.94)
J	N=1815637.1930 E=1160204.9010	594.89



CP-202:
CHISELED "X" ON THE SOUTHEAST CORNER SIDEWALK AT THE CALIFORNIA AVE. AND BROADWAY ST. INTERSECTION.
N=1815639.605
E=1160206.221
ELEV. 598.025

LEGEND

□ DETECTABLE WARNINGS

() EXISTING ELEVATION/SLOPE



USER NAME = gorengeutob	DESIGNED - AB	REVISED -
PLOT SCALE = 20.0005' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

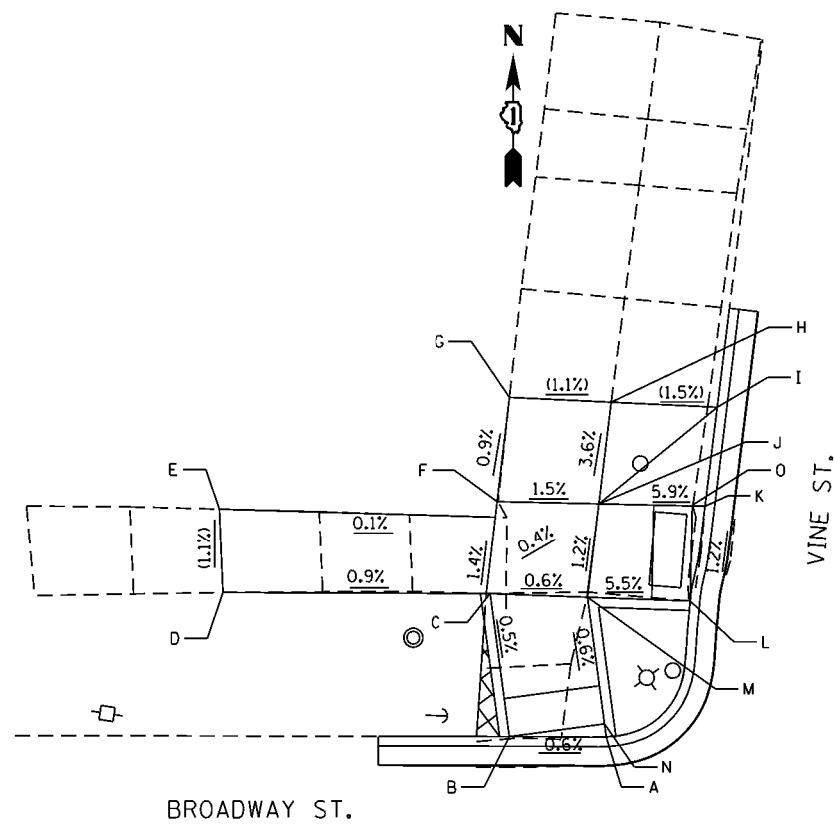
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - CALIFORNIA AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 1596	SECTION 2016-030RS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 14
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

FILE NAME = P:\11084EBID\INTEG\Illinois\gop\1001\Documents\1001\Projects\10137116\Consult\Drawings\Group\CADD_Sheets\1162264-Sht-ADA_03_Vine_St_Weast.dgn

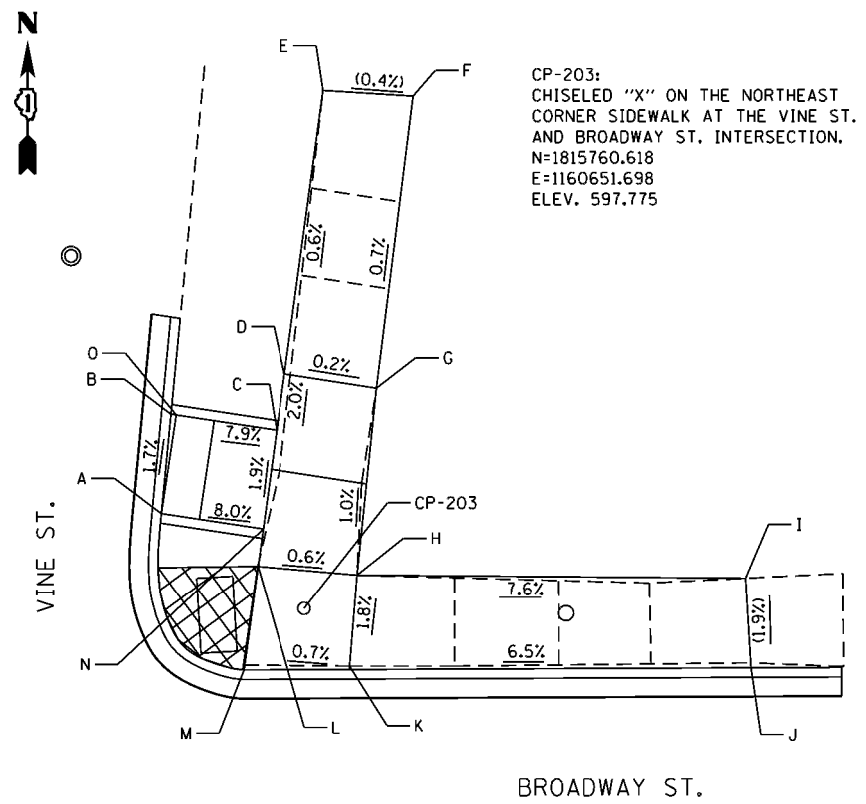


NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815751.7278 E=1160612.4656	596.51
B	N=1815750.9862 E=1160607.4739	596.48
C	N=1815758.1750 E=1160605.1700	596.52
D	N=1815756.1747 E=1160591.5830	(596.64)
E	N=1815760.4780 E=1160590.7431	(596.59)
F	N=1815763.0410 E=1160605.0550	596.57
G	N=1815768.5004 E=1160604.8305	(596.62)
H	N=1815769.0430 E=1160610.1060	(596.68)
I	N=1815769.6082 E=1160615.6014	(596.60)
J	N=1815763.7100 E=1160610.2660	596.49
K	N=1815764.4133 E=1160615.7440	596.20
L	N=1815759.3767 E=1160615.7234	596.26
M	N=1815758.7722 E=1160610.4141	596.55
N	N=1815752.3843 E=1160612.2744	596.51
O	N=1815764.3291 E=1160615.0883	596.20

NE RAMP

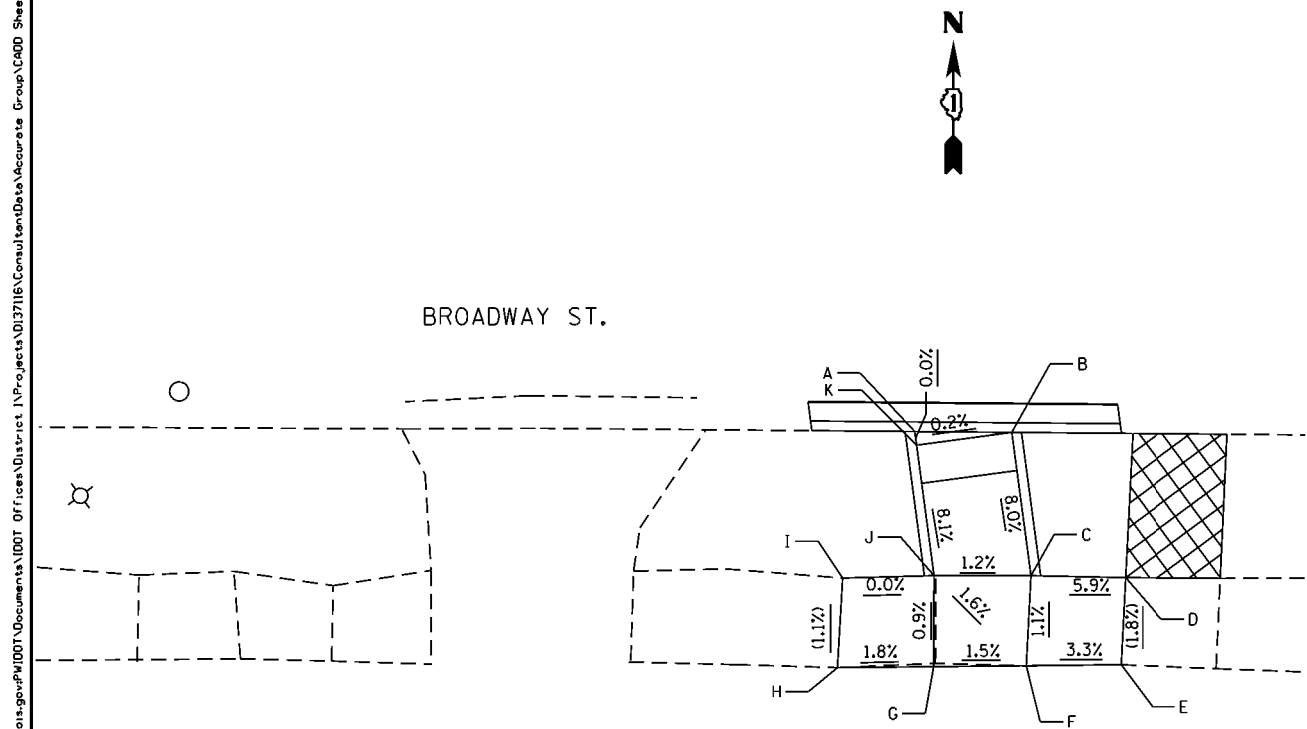
POINT	COORDINATES	ELEVATION
A	N=1815764.4133 E=1160643.5821	596.48
B	N=1815769.6082 E=1160643.3021	596.39
C	N=1815769.6082 E=1160648.8878	596.81
D	N=1815772.5625 E=1160649.1671	596.87
E	N=1815787.4590 E=1160648.6410	(596.96)
F	N=1815787.8700 E=1160653.3280	(596.98)
G	N=1815772.5500 E=1160653.7120	596.88
H	N=1815762.7600 E=1160654.1710	596.98
I	N=1815765.6240 E=1160674.1870	(598.51)
J	N=1815761.0287 E=1160675.1694	(598.42)
K	N=1815757.8122 E=1160654.5111	597.07
L	N=1815762.4320 E=1160648.9870	596.95
M	N=1815756.9649 E=1160649.0626	597.03
N	N=1815764.4133 E=1160648.9596	596.91
O	N=1815769.6082 E=1160643.5821	596.39



CP-203:
CHISELED "X" ON THE NORTHEAST
CORNER SIDEWALK AT THE VINE ST.
AND BROADWAY ST. INTERSECTION.
N=1815760.618
E=1160651.698
ELEV. 597.775

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	16 CU YD
TOPSOIL FURNISH AND PLACE, 4"	53 SQ YD
SODDING, SALT TOLERANT	53 SQ YD
PROTECTIVE COAT	94 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	614 SQ FT
DETECTABLE WARNINGS	40 SQ FT
SIDEWALK REMOVAL	610 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	107 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	68 SQ YD



S RAMP

POINT	COORDINATES	ELEVATION
A	N=1815710.7825 E=1160619.1825	596.60
B	N=1815711.4945 E=1160624.1829	596.61
C	N=1815704.2800 E=1160626.2840	597.21
D	N=1815704.9190 E=1160631.1750	(597.50)
E	N=1815700.4090 E=1160631.6240	(597.42)
F	N=1815699.6030 E=1160626.7430	597.26
G	N=1815698.8479 E=1160621.9833	597.19
H	N=1815698.0470 E=1160617.0370	(597.10)
I	N=1815702.6930 E=1160616.6110	(597.15)
J	N=1815703.5276 E=1160621.2954	597.15
K	N=1815710.0964 E=1160619.3823	596.60

LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE



USER NAME = gorengoutab	DESIGNED - SAT	REVISED -
	DRAWN - GC	REVISED -
PLOT SCALE = 28.0006' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 10/24/2016	DATE - 10/24/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - VINE ST. - I
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.**

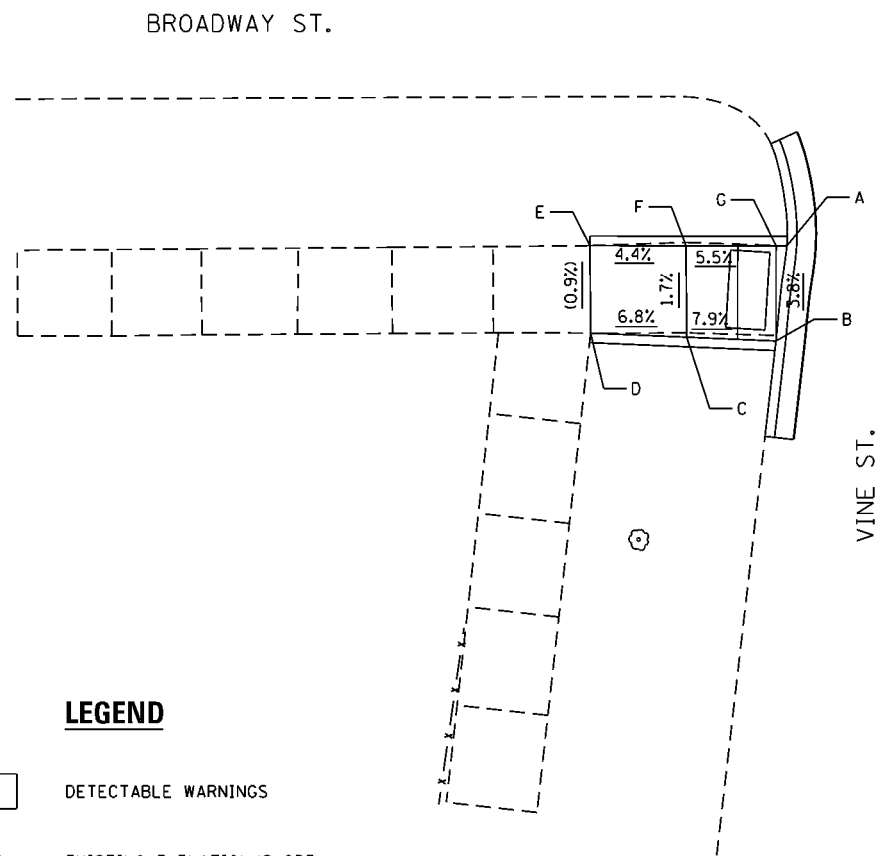
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	15
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

CP-203:
 CHISELED "X" ON THE NORTHEAST CORNER SIDEWALK
 AT THE VINE ST. AND BROADWAY ST. INTERSECTION.
 N 1815760.618
 E 1160651.698
 ELEV. 597.775

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	4 CU YD
TOPSOIL FURNISH AND PLACE, 4"	20 SQ YD
SODDING, SALT TOLERANT	20 SQ YD
PROTECTIVE COAT	31 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	196 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	176 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	31 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	22 SQ YD

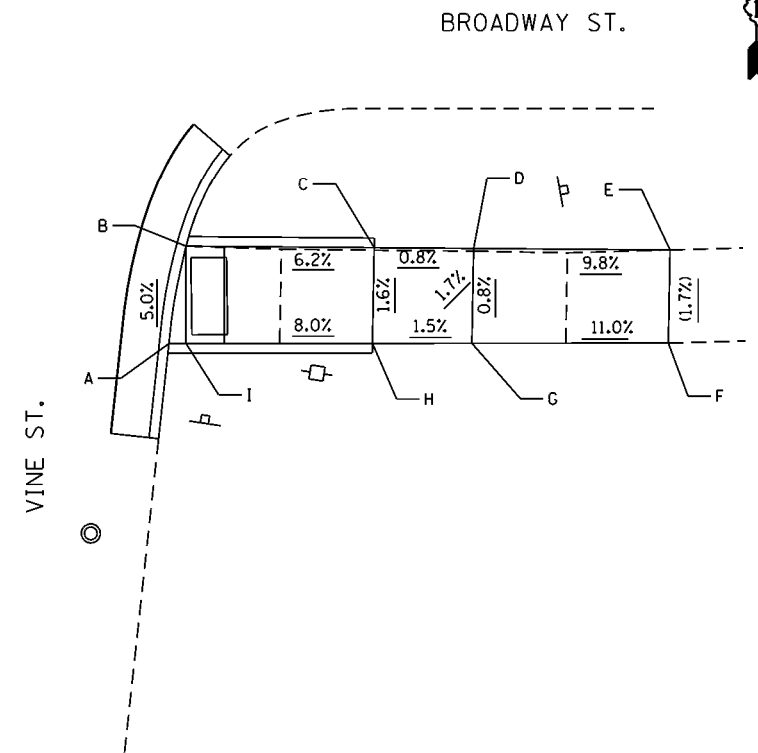


SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815719.0887 E=1160726.2115	598.93
B	N=1815714.0613 E=1160726.4020	598.74
C	N=1815713.5628 E=1160721.7793	599.11
D	N=1815713.0260 E=1160716.8010	(599.45)
E	N=1815717.5677 E=1160716.0792	(599.41)
F	N=1815718.3101 E=1160721.0248	599.19
G	N=1815719.0059 E=1160725.6598	598.93

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815718.3921 E=1160753.1875	599.18
B	N=1815723.5294 E=1160753.3101	599.43
C	N=1815724.9254 E=1160763.0593	600.04
D	N=1815725.6593 E=1160768.1844	600.08
E	N=1815727.1090 E=1160778.3080	(601.08)
F	N=1815722.3120 E=1160778.9430	(601.16)
G	N=1815720.7730 E=1160768.8312	600.04
H	N=1815719.9939 E=1160763.7121	599.96
I	N=1815718.5265 E=1160754.0704	599.18



LEGEND

- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE

FILE NAME = p:\11084E8E\ID\INTEC\Illinois.gov\1001\Documents\1001\Projects\10116\Consult\MapData\Accurate_Group\CADD_Sheets\162264-Sht-ADA_03A_Vine_St_East.dgn



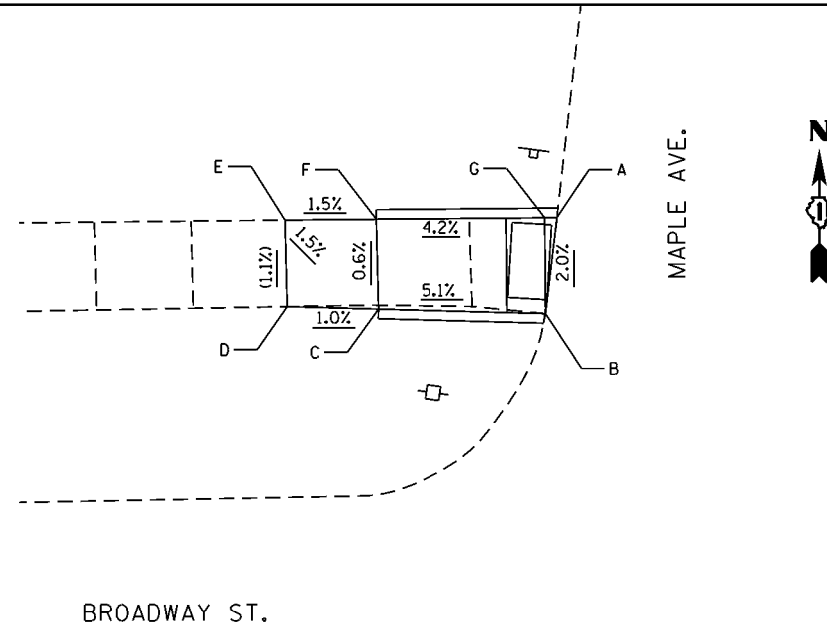
USER NAME = gorengautab	DESIGNED - SAT	REVISED - _____
	DRAWN - GC	REVISED - _____
PLOT SCALE = 20.0000' / in.	CHECKED - TGM	REVISED - _____
PLOT DATE = 10/24/2016	DATE - 10/24/2016	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMPS - VINE ST. - II
 BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

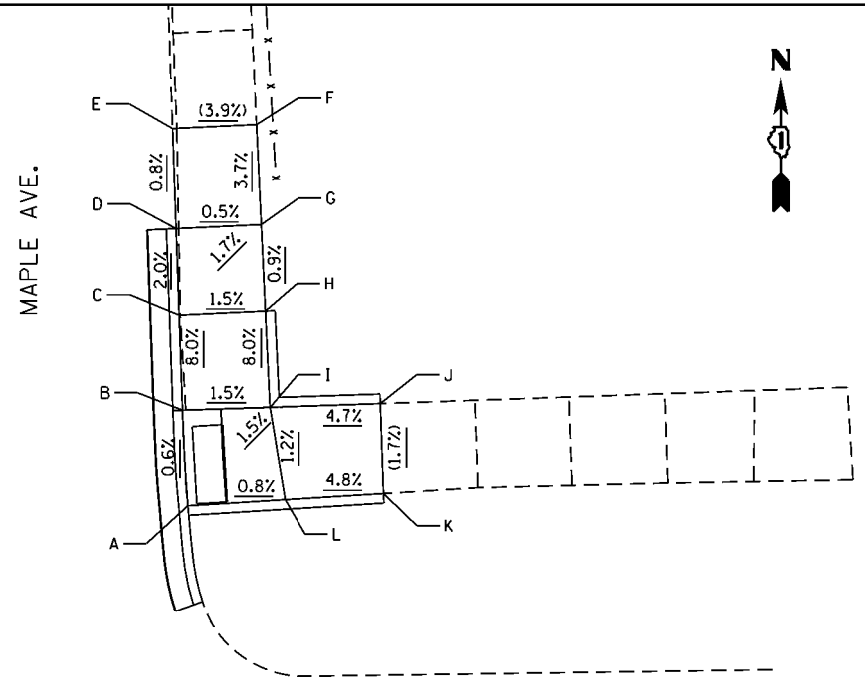
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 1596	SECTION 2016-03ORS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 16
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				



NW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815904.5430 E=1161538.3294	596.18
B	N=1815899.5170 E=1161538.4149	596.08
C	N=1815898.5775 E=1161529.7343	596.52
D	N=1815898.0657 E=1161525.0045	(596.57)
E	N=1815902.5114 E=1161524.2867	(596.62)
F	N=1815903.1917 E=1161528.9892	596.55
G	N=1815904.4521 E=1161537.7009	596.18

NE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815900.1341 E=1161555.1353	596.01
B	N=1815905.1047 E=1161554.8552	596.04
C	N=1815910.0533 E=1161554.6808	596.44
D	N=1815914.5657 E=1161554.5218	596.53
E	N=1815919.7651 E=1161554.3386	(596.57)
F	N=1815919.9728 E=1161558.7164	(596.74)
G	N=1815914.7764 E=1161558.9629	596.55
H	N=1815910.2666 E=1161559.1769	596.51
I	N=1815905.2566 E=1161559.4147	596.11
J	N=1815905.4490 E=1161565.1908	(596.38)
K	N=1815900.7738 E=1161565.3542	(596.30)
L	N=1815900.4520 E=1161560.2135	596.05



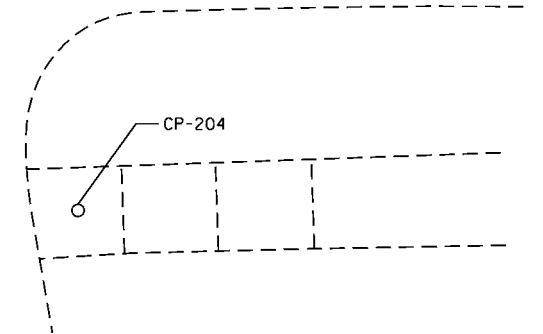
BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	3 CU YD
TOPSOIL FURNISH AND PLACE, 4"	14 SQ YD
SODDING, SALT TOLERANT	14 SQ YD
PROTECTIVE COAT	30 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	201 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	182 SQ FT
COMBINATION CONCRETE CURB AND CUTTER REMOVAL AND REPLACEMENT	20 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	22 SQ YD

LEGEND

- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE

CP-204:
CHISELED "X" ON THE SOUTHEAST CORNER SIDEWALK AT THE MAPLE AVE. AND BROADWAY ST. INTERSECTION.
N=1815835.285
E=1161565.909
ELEV. 596.620



FILE NAME = p:\1\0848EDID\TEG\1\inois.gov\p\1\DOT\Documents\1\DOT OFFices\District 1\Projects\1\37116\Consult\MapData\Accurate\1\Maple Ave.dgn



USER NAME = gorengoutab	DESIGNED - SAT	REVISED -
PLOT SCALE = 20.0000' = 1" = 1/8"	DRAWN - GC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE = 10/24/2016	REVISED -

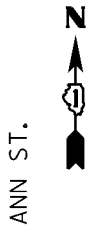
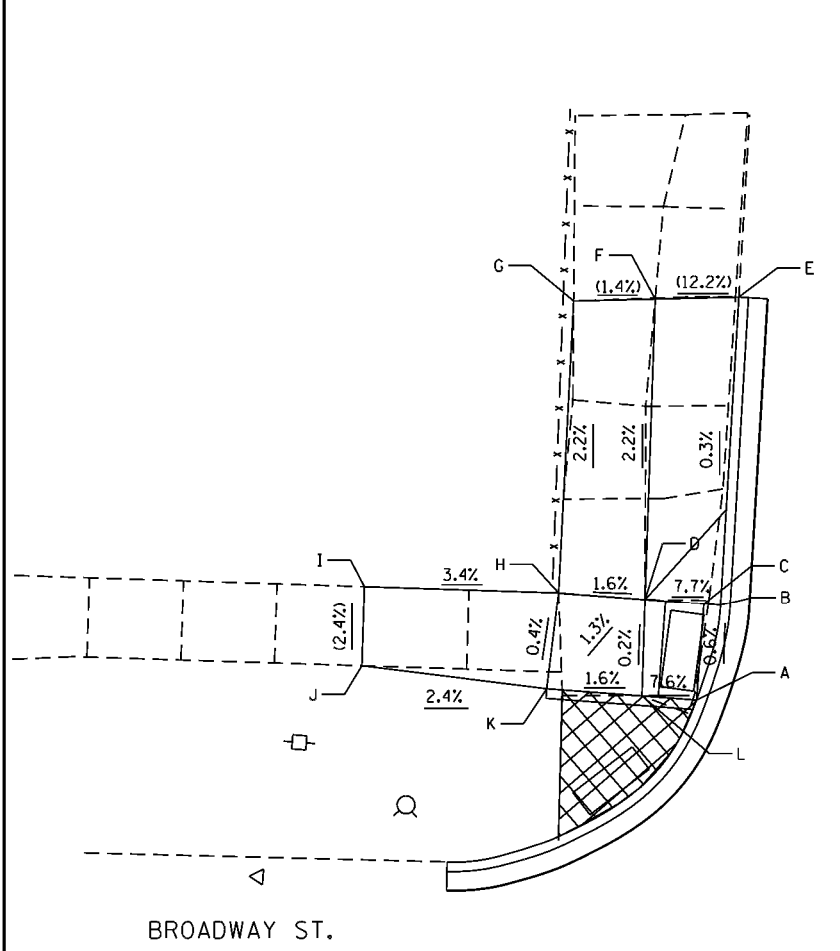
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - MAPLE AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

F.A.P. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	17
CONTRACT NO. 62C64				
[ILLINOIS] FED. AID PROJECT				

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

FILE NAME = p:\11084EBID\INTEC\Illinois.gov\FW\DOT\Documents\DOT_Offices\District_1\Projects\10137116\Consult\MapData\Accurate_Group\CADD_Sheets\162264-Sht-ADA_05_Ann_Sldgn



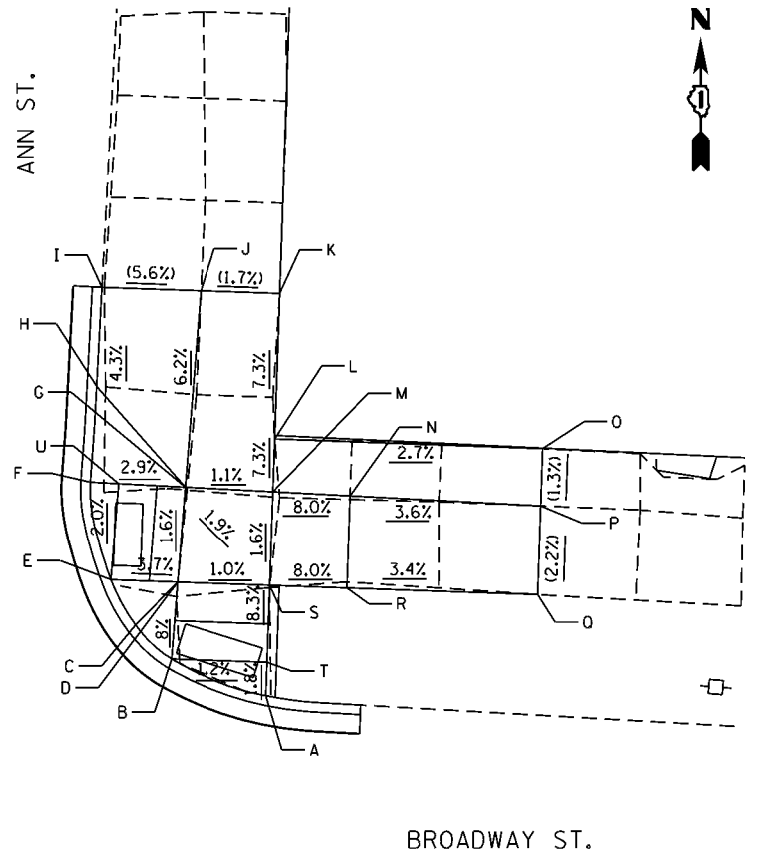
NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815911.7840 E=1161866.7465	595.70
B	N=1815916.8310 E=1161867.6157	595.67
C	N=1815916.8310 E=1161866.7465	595.67
D	N=1815916.8310 E=1161863.6740	595.91
E	N=1815932.9173 E=1161867.3556	(595.71)
F	N=1815932.4852 E=1161863.0228	(596.25)
G	N=1815932.0638 E=1161858.7966	(596.31)
H	N=1815916.8460 E=1161859.1630	595.98
I	N=1815916.4079 E=1161849.0076	(596.33)
J	N=1815912.2490 E=1161849.1907	(596.23)
K	N=1815911.7840 E=1161858.9236	596.00
L	N=1815911.7840 E=1161863.8962	595.92

NE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815908.3006 E=1161908.8679	595.21
B	N=1815909.8376 E=1161903.8046	595.30
C	N=1815911.4632 E=1161901.7913	595.40
D	N=1815913.8664 E=1161903.8222	595.62
E	N=1815913.7246 E=1161900.3321	595.50
F	N=1815918.7324 E=1161898.8829	595.60
G	N=1815918.8459 E=1161903.8440	595.70
H	N=1815923.7460 E=1161898.8301	596.02
I	N=1815928.9015 E=1161898.7140	(596.04)
J	N=1815929.1162 E=1161903.8888	(596.33)
K	N=1815929.2870 E=1161908.0070	(596.40)
L	N=1815921.7089 E=1161908.3179	595.85

POINT	COORDINATES	ELEVATION
M	N=1815918.9508 E=1161908.4310	595.65
N	N=1815919.0432 E=1161912.4667	595.97
O	N=1815922.2575 E=1161922.2726	(596.37)
P	N=1815919.2703 E=1161922.3965	(596.33)
Q	N=1815914.6288 E=1161922.5890	(596.23)
R	N=1815914.2257 E=1161912.6665	595.89
S	N=1815914.0618 E=1161908.6316	595.57
T	N=1815910.0431 E=1161908.7964	595.24
U	N=1815918.7662 E=1161900.3592	595.60

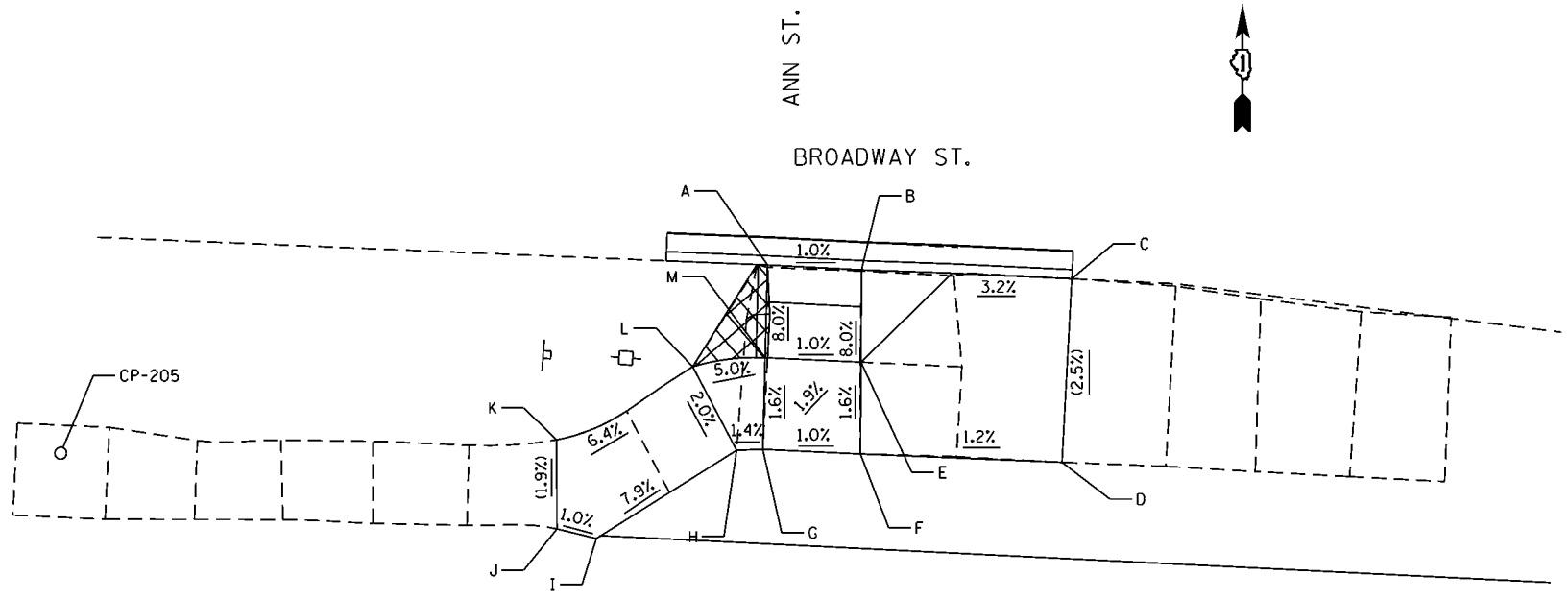


BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	16 CU YD
TOPSOIL FURNISH AND PLACE, 4"	25 SO YD
SODDING, SALT TOLERANT	25 SO YD
PROTECTIVE COAT	104 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	739 SQ FT
DETECTABLE WARNINGS	40 SQ FT
SIDEWALK REMOVAL	781 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	92 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	82 SO YD

S RAMP

POINT	COORDINATES	ELEVATION
A	N=1815862.4701 E=1161905.1579	595.15
B	N=1815862.5920 E=1161910.2514	595.10
C	N=1815862.9790 E=1161921.6940	(595.46)
D	N=1815853.0260 E=1161921.9150	(595.71)
E	N=1815857.6083 E=1161910.5981	595.50
F	N=1815852.6490 E=1161910.9430	595.58
G	N=1815852.5000 E=1161905.6540	595.63
H	N=1815852.3430 E=1161904.2450	595.65
I	N=1815847.0090 E=1161897.0380	595.36
J	N=1815847.3620 E=1161894.8710	(596.38)
K	N=1815852.1730 E=1161894.4900	(596.29)
L	N=1815856.6760 E=1161901.5330	595.75
M	N=1815857.4574 E=1161905.4073	595.55



LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE

CP-205:
CHISELED "X" ON THE SOUTH SIDEWALK
AT THE ANN ST. AND BROADWAY ST. INTERSECTION.
N 1815849.419
E 1161867.704
ELEV. 596.805



USER NAME = gorenautob	DESIGNED - SAT	REVISED -
PLOT SCALE = 28.0000' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE = 10/24/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - ANN ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	18
CONTRACT NO. 62C64				

ILLINOIS FED. AID PROJECT

BILL OF MATERIAL

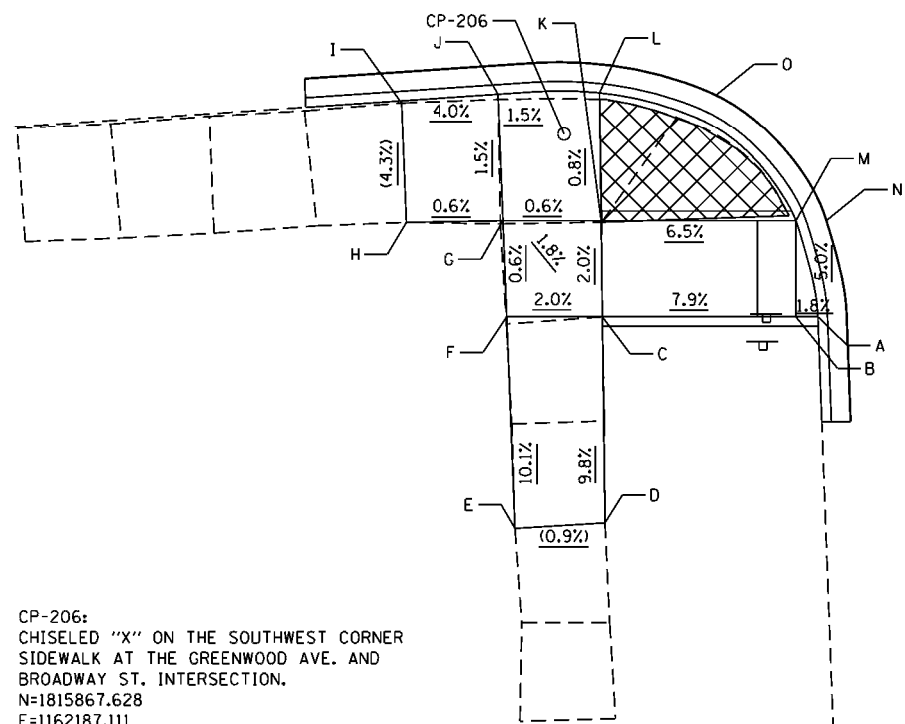
ITEM	QUANTITY
EARTH EXCAVATION	11 CU YD
TOPSOIL FURNISH AND PLACE, 4"	39 SO YD
SODDING, SALT TOLERANT	39 SO YD
PROTECTIVE COAT	69 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	480.5 SO FT
DETECTABLE WARNINGS	23 SO FT
SIDEWALK REMOVAL	453 SO FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	58 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	53 SO YD
RELOCATE SIGN PANEL, TYPE I	6.3 SO FT

SW RAMP

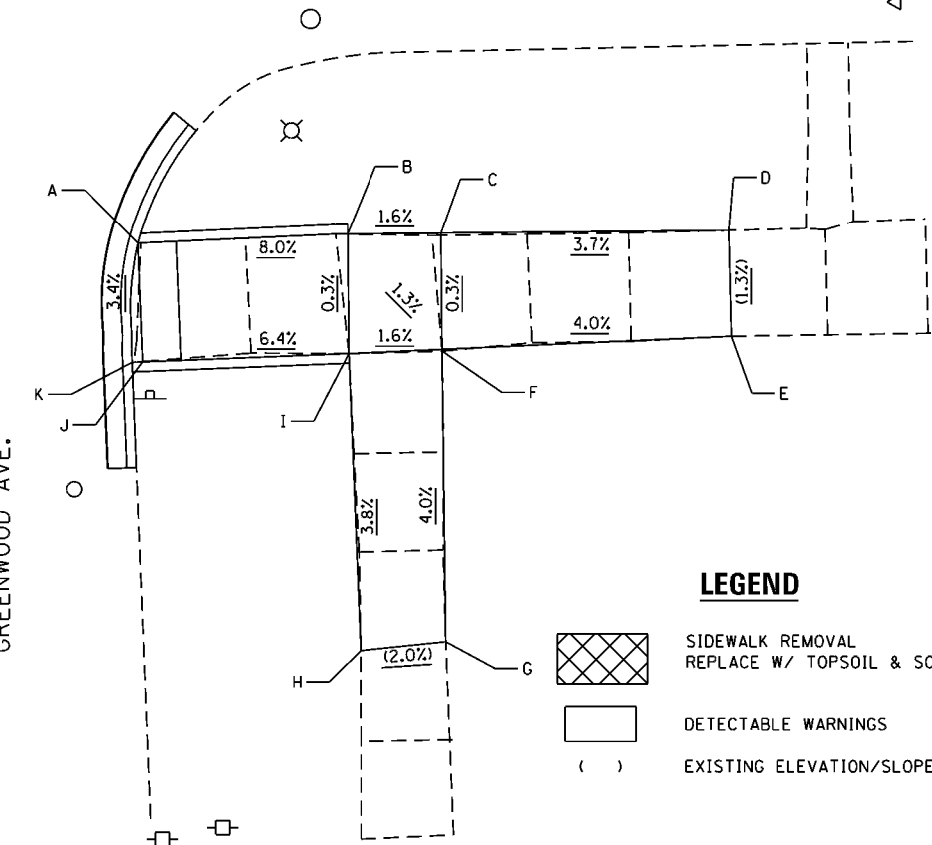
POINT	COORDINATES	ELEVATION
A	N=1815858.1110 E=1162200.3242	594.87
B	N=1815858.1110 E=1162199.1794	594.85
C	N=1815858.1115 E=1162189.1063	594.05
D	N=1815847.4030 E=1162189.2420	(595.10)
E	N=1815847.1150 E=1162184.5600	(595.06)
F	N=1815858.1110 E=1162184.1297	593.95
G	N=1815863.1110 E=1162183.9341	593.92
H	N=1815863.0210 E=1162178.8570	(593.89)
I	N=1815869.3824 E=1162178.6054	(593.62)
J	N=1815869.7276 E=1162183.6752	593.82
K	N=1815863.1110 E=1162189.0429	593.95
L	N=1815869.7995 E=1162188.9582	593.90
M	N=1815863.1110 E=1162199.1794	594.61
N	N=1815863.1110 E=1162200.7665	594.62
O	N=1815869.6871 E=1162195.0063	(594.04)

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815863.5305 E=1162227.5654	594.61
B	N=1815864.0088 E=1162238.5014	595.49
C	N=1815864.0539 E=1162243.3844	595.57
D	N=1815864.1920 E=1162258.3861	(596.13)
E	N=1815858.6720 E=1162258.5170	(596.20)
F	N=1815857.9899 E=1162243.4404	595.59
G	N=1815842.7890 E=1162243.6360	(596.19)
H	N=1815842.3290 E=1162239.1860	(596.10)
I	N=1815857.7690 E=1162238.5590	595.51
J	N=1815857.3355 E=1162227.8154	594.82
K	N=1815857.3135 E=1162227.2689	594.82



CP-206:
CHISELED "X" ON THE SOUTHWEST CORNER
SIDEWALK AT THE GREENWOOD AVE. AND
BROADWAY ST. INTERSECTION.
N=1815867.628
E=1162187.111
ELEV. 594.100



LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - GREENWOOD AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

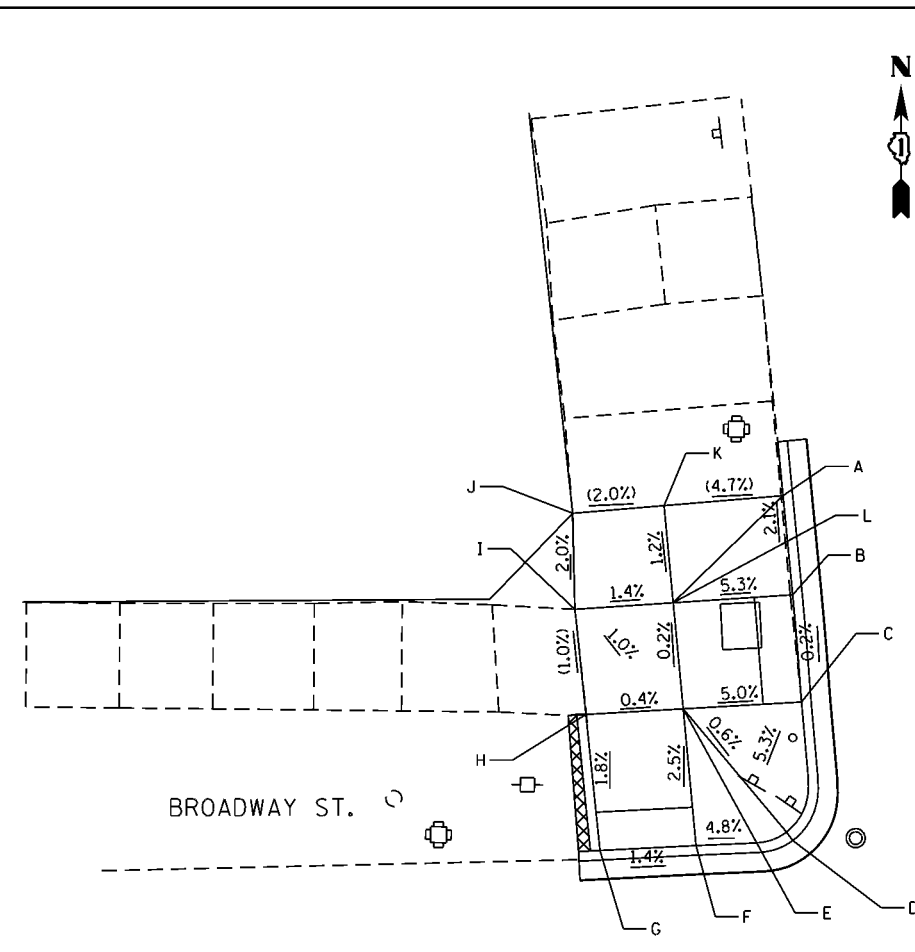


USER NAME = gorenautob	DESIGNED - SAT	REVISED -
PLOT SCALE = 28.0000' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

F.A.P. RTE. 1596	SECTION 2016-030RS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 19
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\11084EBID\INTEG\Illinois.gov\11001\Documents\1001\Offices\District\Projects\110116\Consult\TaskData\Accurate Group\CADD Sheets\1162264-Sht-ADA 06 Greenwood Ave.dgn

FILE NAME = p:\1108464\ID\TEC\Illinois\gov\p\1001\Documents\1001\Offices\Dist\ct\Projects\1108464\Consult\MapData\Accurate Group\CADD Sheets\1162264-Sht-ADA 07 Old Western Ave.dgn



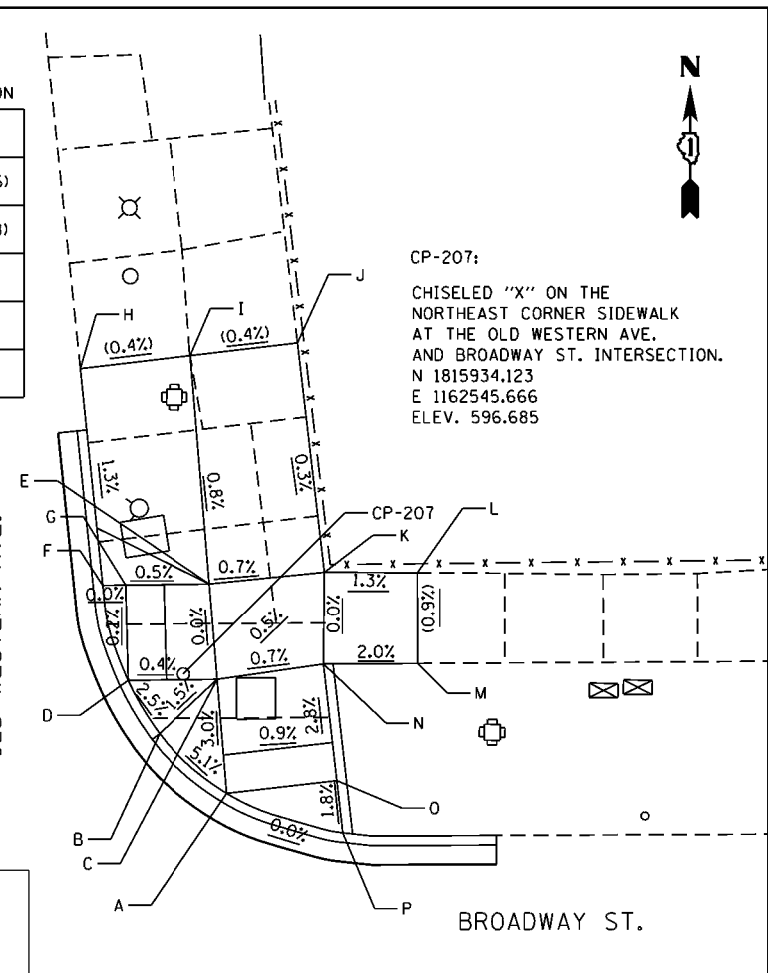
NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815942.9846 E=1162491.3277	(596.64)
B	N=1815937.8337 E=1162491.9241	596.53
C	N=1815932.2095 E=1162492.4886	596.54
D	N=1815924.9930 E=1162492.1643	596.90
E	N=1815931.7413 E=1162486.3376	596.85
F	N=1815924.6380 E=1162487.1351	596.67
G	N=1815924.2907 E=1162482.1427	596.74
H	N=1815931.3563 E=1162481.2784	(596.87)
I	N=1815936.8700 E=1162480.6040	(596.93)
J	N=1815941.8642 E=1162480.4001	(597.04)
K	N=1815942.3508 E=1162485.1465	(596.93)
L	N=1815937.3050 E=1162485.7130	(596.86)

NE RAMP

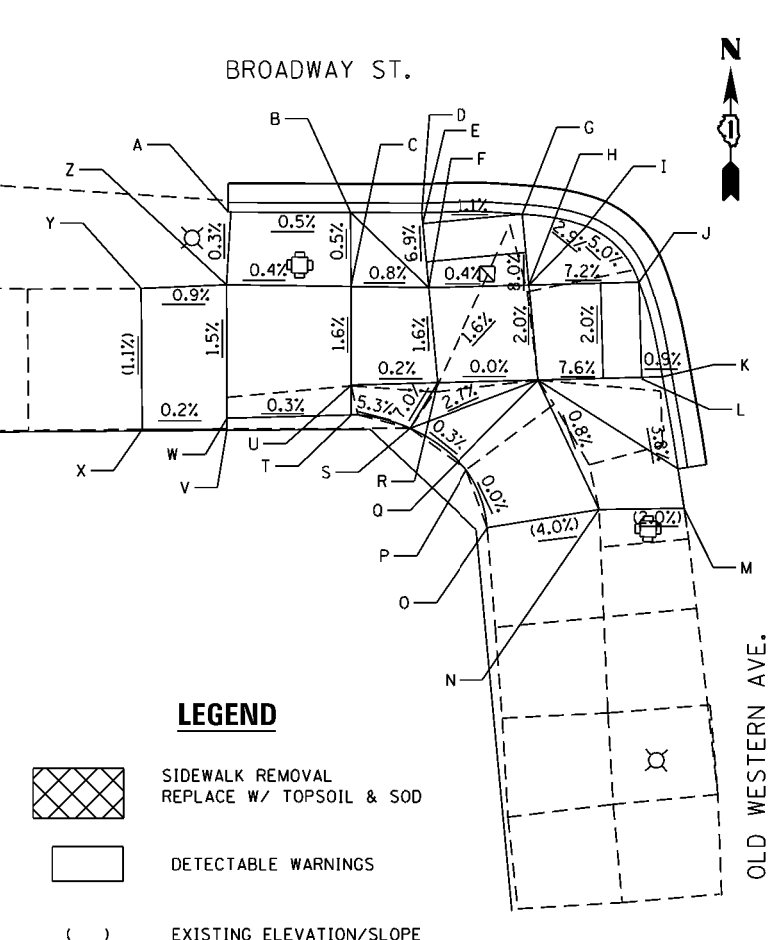
POINT	COORDINATES	ELEVATION
A	N=1815927.9466 E=1162548.0361	596.36
B	N=1815930.9932 E=1162544.4670	596.83
C	N=1815933.8788 E=1162547.4326	596.54
D	N=1815933.7369 E=1162542.7621	596.52
E	N=1815938.8703 E=1162546.9247	596.54
F	N=1815938.6927 E=1162541.3514	596.51
G	N=1815938.7307 E=1162542.5447	596.51
H	N=1815949.9608 E=1162539.9761	(696.66)
I	N=1815950.7460 E=1162545.7164	(596.64)
J	N=1815951.5095 E=1162551.2983	(596.62)

POINT	COORDINATES	ELEVATION
K	N=1815939.5880 E=1162552.9200	596.58
L	N=1815939.6530 E=1162557.7594	(596.66)
M	N=1815934.8990 E=1162557.8620	(596.68)
N	N=1815934.7794 E=1162552.9580	596.58
O	N=1815928.7128 E=1162553.7688	596.41
P	N=1815926.0057 E=1162554.1241	596.36



BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	19 CU YD
TOPSOIL FURNISH AND PLACE, 4"	6 SQ YD
SODDING, SALT TOLERANT	6 SQ YD
PROTECTIVE COAT	158 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	1148 SQ FT
DETECTABLE WARNINGS	89 SQ FT
SIDEWALK REMOVAL	1144 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	131 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	128 SQ YD



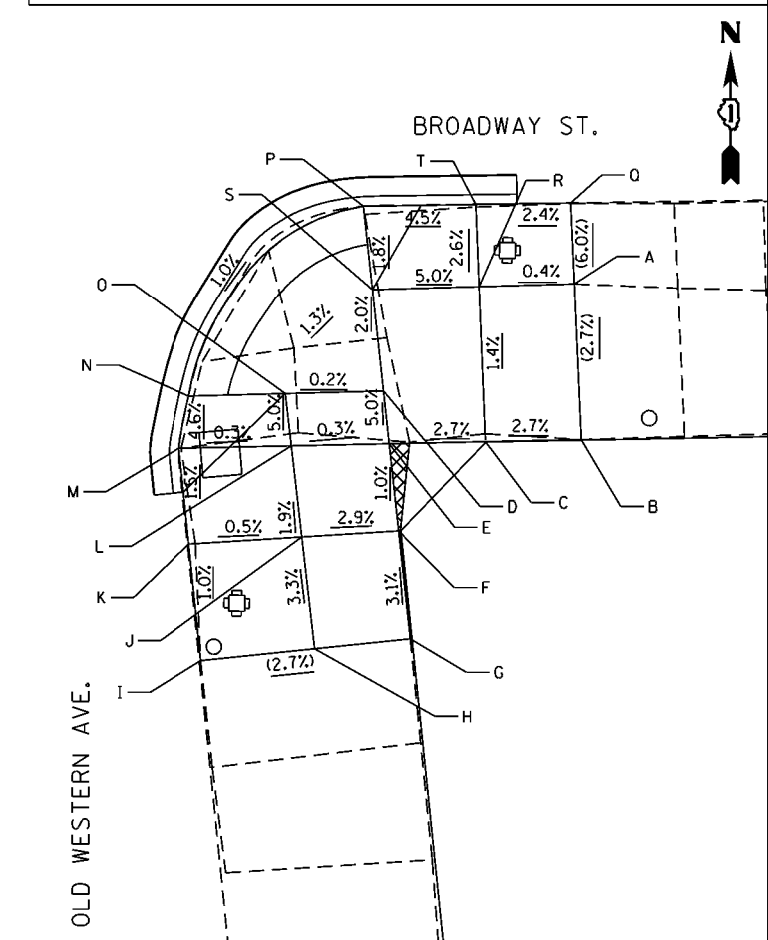
SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815878.1110 E=1162477.3769	596.96
B	N=1815878.2010 E=1162483.6117	597.02
C	N=1815874.3534 E=1162483.6950	597.04
D	N=1815878.2544 E=1162487.3111	596.77
E	N=1815877.6984 E=1162487.3736	596.77
F	N=1815874.3711 E=1162487.7471	597.04
G	N=1815878.2843 E=1162492.5922	596.71
H	N=1815874.5990 E=1162493.0059	597.02
I	N=1815877.7160 E=1162495.9350	596.81
J	N=1815874.8549 E=1162498.7365	596.61
K	N=1815869.9085 E=1162500.0469	596.70
L	N=1815869.8599 E=1162498.9596	596.71
M	N=1815863.0940 E=1162501.3080	(596.97)
N	N=1815861.9020 E=1162491.0620	(597.06)

POINT	COORDINATES	ELEVATION
O	N=1815861.9020 E=1162491.0620	(597.30)
P	N=1815864.8810 E=1162489.9120	(597.30)
Q	N=1815869.6190 E=1162493.5650	597.12
R	N=1815869.3842 E=1162488.3070	597.12
S	N=1815866.9920 E=1162486.9140	597.32
T	N=1815867.6280 E=1162483.8408	597.15
U	N=1815869.1832 E=1162483.8071	597.13
V	N=1815866.7765 E=1162477.3842	597.14
W	N=1815867.3391 E=1162477.3718	597.13
X	N=1815866.6767 E=1162472.9695	(597.14)
Y	N=1815874.0530 E=1162472.7800	596.98
Z	N=1815874.3250 E=1162477.2180	(596.95)

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815878.3820 E=1162570.4010	(596.66)
B	N=1815870.2670 E=1162570.9120	(596.88)
C	N=1815870.0550 E=1162565.9700	596.75
D	N=1815872.6116 E=1162560.5751	596.47
E	N=1815869.8703 E=1162560.9232	596.61
F	N=1815865.3464 E=1162561.4976	596.83
G	N=1815859.7520 E=1162562.2080	(597.01)
H	N=1815859.1439 E=1162557.2313	(596.87)
I	N=1815858.4193 E=1162551.3019	(596.71)
J	N=1815864.9385 E=1162556.4568	596.68
K	N=1815864.4615 E=1162550.5623	596.65
L	N=1815869.6679 E=1162555.8248	596.59
M	N=1815869.4347 E=1162549.9536	596.58
N	N=1815872.1579 E=1162550.4161	596.45
O	N=1815872.3832 E=1162555.4619	596.46
P	N=1815882.2394 E=1162559.3526	596.28
Q	N=1815882.6077 E=1162570.1349	(596.41)
R	N=1815878.1510 E=1162565.4600	596.64
S	N=1815877.8913 E=1162559.9047	596.36
T	N=1815882.4394 E=1162565.2079	596.53



USER NAME = gorenautob	DESIGNED - AB	REVISED -
PLLOT SCALE = 28.0006' / in.	DRAWN - GOC	REVISED -
PLLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - OLD WESTERN AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

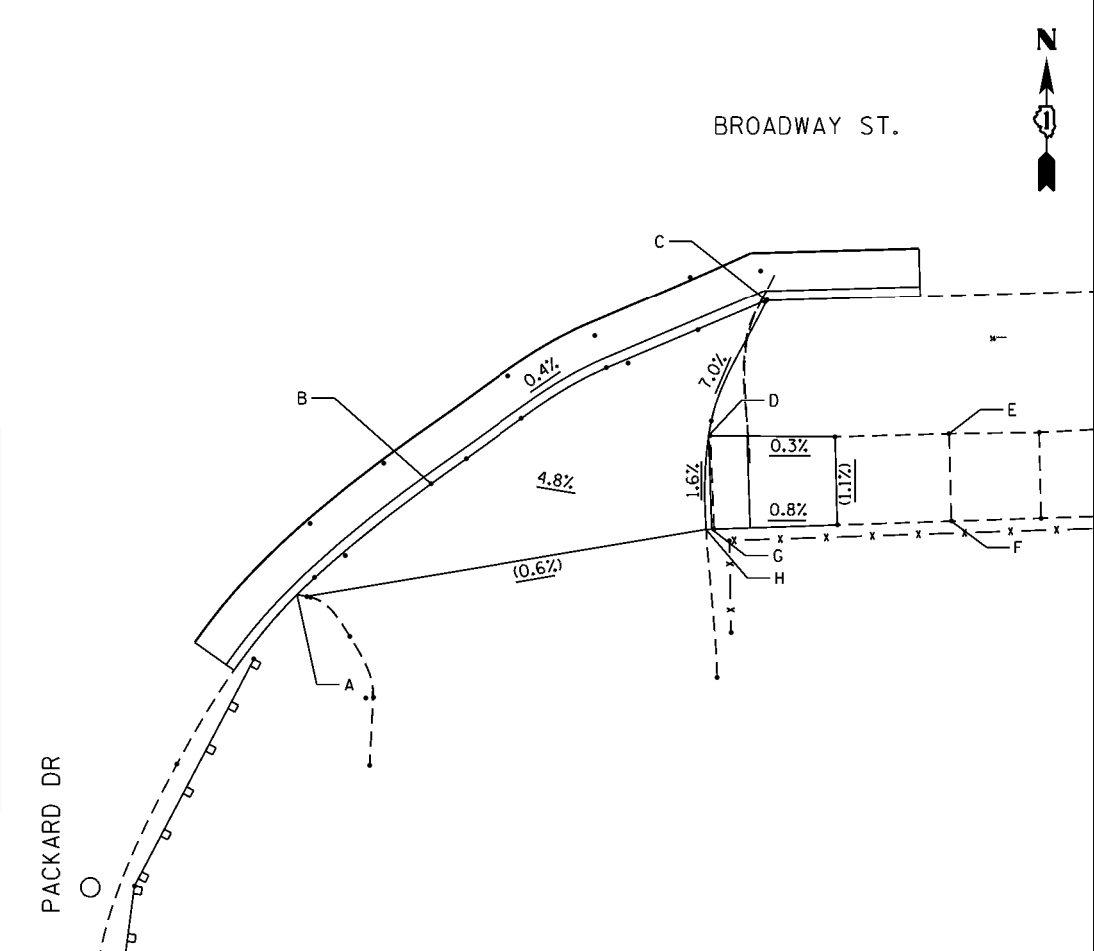
F.A.P. RTE. 1596	SECTION 2016-03ORS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 20
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL




ITEM	QUANTITY
EARTH EXCAVATION	2 CU YD
TOPSOIL FURNISH AND PLACE, 4"	7 SQ YD
SODDING, SALT TOLERANT	7 SQ YD
PROTECTIVE COAT	29 SQ YD
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	16 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	32 SQ FT
DETECTABLE WARNINGS	10 SQ FT
DRIVEWAY PAVEMENT REMOVAL	16 SQ YD
SIDEWALK REMOVAL	32 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	43 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	20 SQ YD

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815877.2540 E=1162874.4076	595.13
B	N=1815883.0040 E=1162881.3890	594.55
C	N=1815892.5196 E=1162898.9364	594.63
D	N=1815885.4739 E=1162895.9019	595.17
E	N=1815885.4080 E=1162902.4880	595.15
F	N=1815880.8215 E=1162902.5902	595.20
G	N=1815880.6131 E=1162896.0569	595.25
H	N=1815880.6035 E=1162895.7560	595.25



LEGEND

-  SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
-  DETECTABLE WARNINGS
-  EXISTING ELEVATION/SLOPE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - PACKARD DR.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	21
CONTRACT NO. 62C64				

SCALE: SHEET OF SHEETS STA. TO STA.

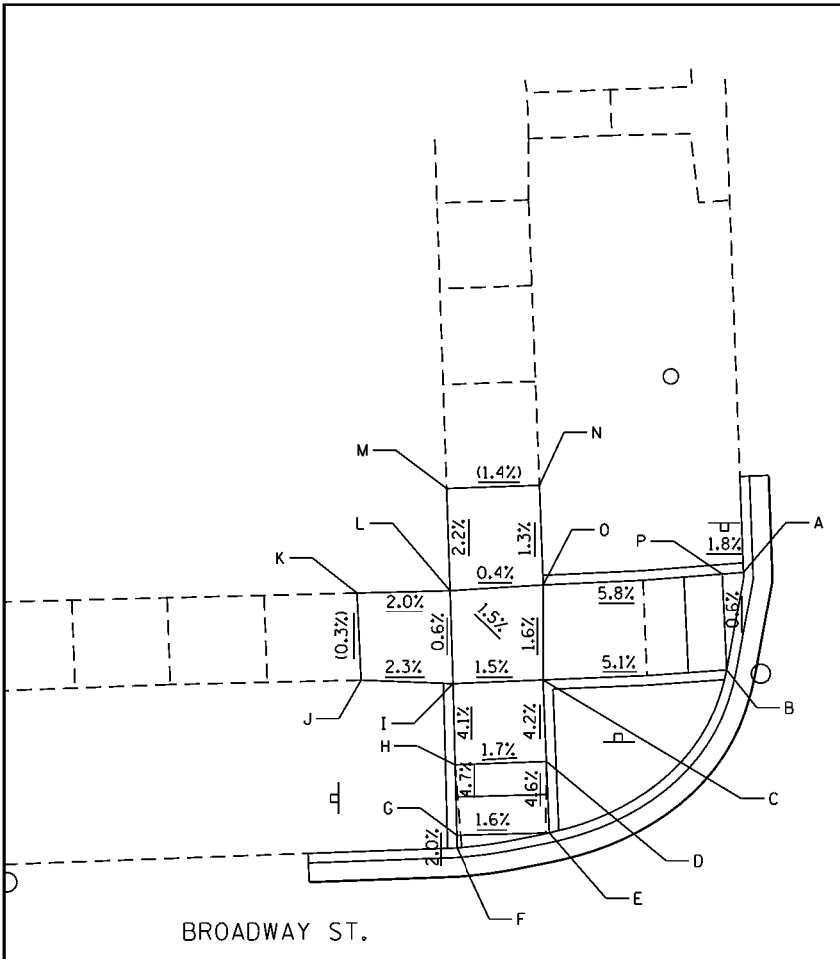
ILLINOIS FED. AID PROJECT

FILE NAME = p:\11\084EBID\INTEC\11\inois.gov\1001\Documents\1001\Projects\11\116\Consult\LenData\Accurate Group\CADD Sheets\1162264-Sht-ADA 08 Packard Dr.dgn

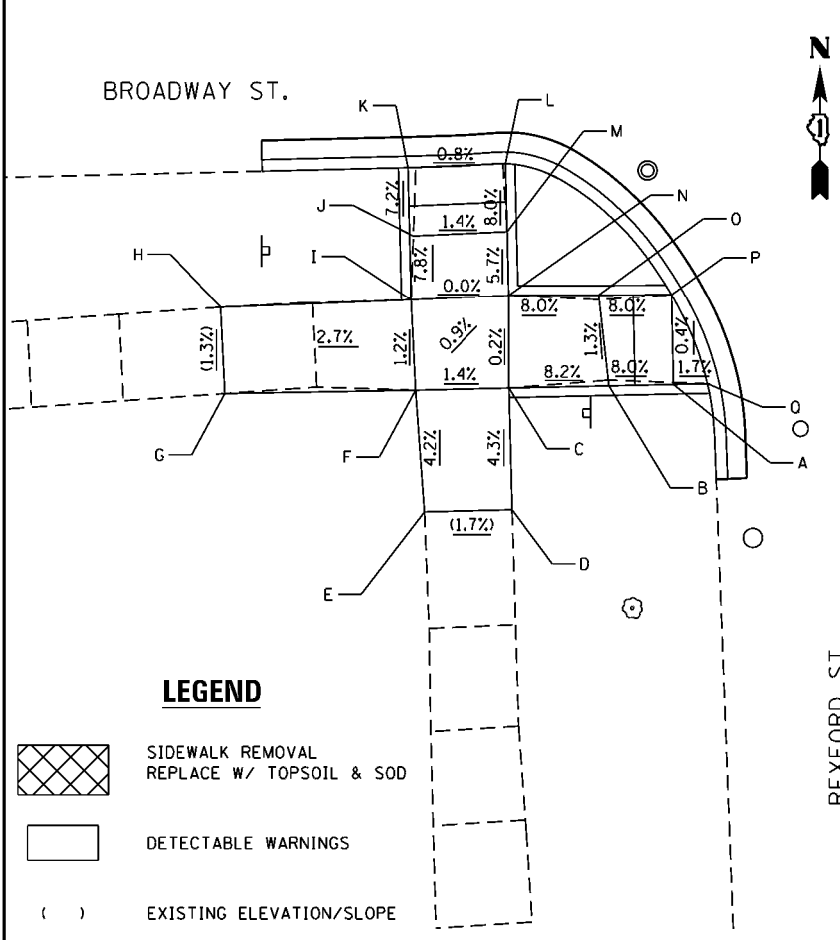


USER NAME = gorenautab	DESIGNED - SAT	REVISED -
	DRAWN - GDC	REVISED -
PLOT SCALE = 28.0000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 10/24/2016	DATE - 10/24/2016	REVISED -

FILE NAME = p:\11\084EBID\INTEC\Illinois.gov\11\001\Documents\1001\Offices\District\Projects\11\116\ConsultantData\Accurate Group\CADD Sheets\1162264-Sht-ADA 09 REXford St.dwg



NW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815953.5443 E=1163010.8862	593.94
B	N=1815948.4209 E=1163010.0075	593.93
C	N=1815947.9161 E=1163000.4436	594.42
D	N=1815943.6710 E=1163000.6120	594.25
E	N=1815939.9098 E=1163000.5729	594.08
F	N=1815939.1998 E=1162996.1451	594.14
G	N=1815939.7103 E=1162996.1054	594.15
H	N=1815943.5030 E=1162995.8110	594.33
I	N=1815947.7280 E=1162995.7110	594.49
J	N=1815947.9220 E=1162990.9250	(594.60)
K	N=1815952.5064 E=1162990.7208	(594.62)
L	N=1815952.6190 E=1162995.5650	594.52
M	N=1815957.9394 E=1162995.3944	(594.64)
N	N=1815958.0961 E=1163000.2774	(594.57)
O	N=1815952.9120 E=1163000.4660	594.50
P	N=1815953.4598 E=1163009.7825	593.96



SW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815884.0954 E=1163011.3826	593.85
B	N=1815884.0286 E=1163008.0215	594.11
C	N=1815883.9250 E=1163002.8110	594.54
D	N=1815877.5960 E=1163002.9620	(594.81)
E	N=1815877.4910 E=1162998.3650	(594.89)
F	N=1815883.8190 E=1162997.9120	594.61
G	N=1815883.6630 E=1162987.9787	(594.88)
H	N=1815888.1690 E=1162987.7650	(594.82)
I	N=1815888.5420 E=1162997.6880	594.55
J	N=1815891.8781 E=1162997.8098	594.29
K	N=1815895.4498 E=1162997.9401	594.03
L	N=1815895.6477 E=1163002.5136	594.07
M	N=1815892.0859 E=1163002.6622	594.36
N	N=1815888.7610 E=1163002.8010	594.55
O	N=1815888.7722 E=1163007.4927	594.17
P	N=1815888.7812 E=1163011.2895	593.87
Q	N=1815884.1307 E=1163013.1583	593.82

LEGEND

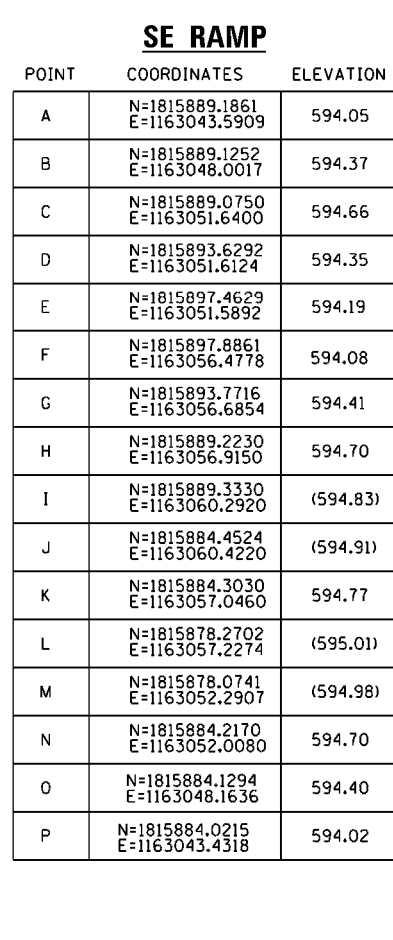
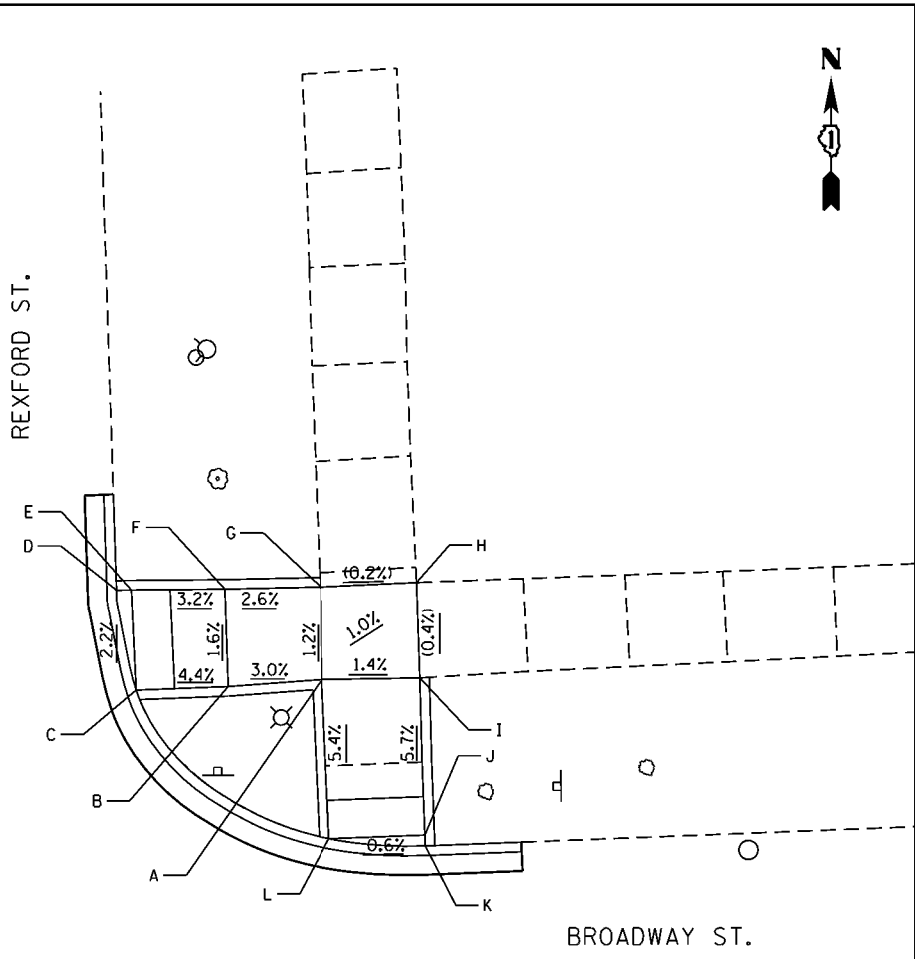
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE

NE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815949.6670 E=1163049.6530	594.39
B	N=1815949.3080 E=1163044.7550	594.24
C	N=1815949.1309 E=1163039.9660	594.03
D	N=1815954.3769 E=1163038.9532	594.15
E	N=1815954.3825 E=1163039.7315	594.16
F	N=1815954.4180 E=1163044.5930	594.32
G	N=1815954.5200 E=1163049.6080	(594.45)
H	N=1815954.7460 E=1163054.6190	(594.46)
I	N=1815949.7400 E=1163054.7810	(594.44)
J	N=1815941.5577 E=1163055.0308	593.97
K	N=1815940.9913 E=1163055.0513	593.96
L	N=1815941.3757 E=1163050.0122	593.94

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	12 CU YD
TOPSOIL FURNISH AND PLACE, 4"	58 SO YD
SODDING, SALT TOLERANT	58 SO YD
PROTECTIVE COAT	116 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	689 SO FT
DETECTABLE WARNINGS	80 SO FT
SIDEWALK REMOVAL	620 SO FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	143 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	77 SO YD

SE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815889.1861 E=1163043.5909	594.05
B	N=1815889.1252 E=1163048.0017	594.37
C	N=1815889.0750 E=1163051.6400	594.66
D	N=1815893.6292 E=1163051.6124	594.35
E	N=1815897.4629 E=1163051.5892	594.19
F	N=1815897.8861 E=1163056.4778	594.08
G	N=1815893.7716 E=1163056.6854	594.41
H	N=1815889.2230 E=1163056.9150	594.70
I	N=1815889.3330 E=1163060.2920	(594.83)
J	N=1815884.4524 E=1163060.4220	(594.91)
K	N=1815884.3030 E=1163057.0460	594.77
L	N=1815878.2702 E=1163057.2274	(595.01)
M	N=1815878.0741 E=1163052.2907	(594.98)
N	N=1815884.2170 E=1163052.0080	594.70
O	N=1815884.1294 E=1163048.1636	594.40
P	N=1815884.0215 E=1163043.4318	594.02



CP-208:
CHISELED "X" ON THE
SOUTHEAST CORNER SIDEWALK
AT THE REXFORD ST. AND
BROADWAY ST. INTERSECTION.
N 1815890.391
E 1163054.168
ELEV. 594.705



USER NAME = gorengautab	DESIGNED - AB	REVISED -
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

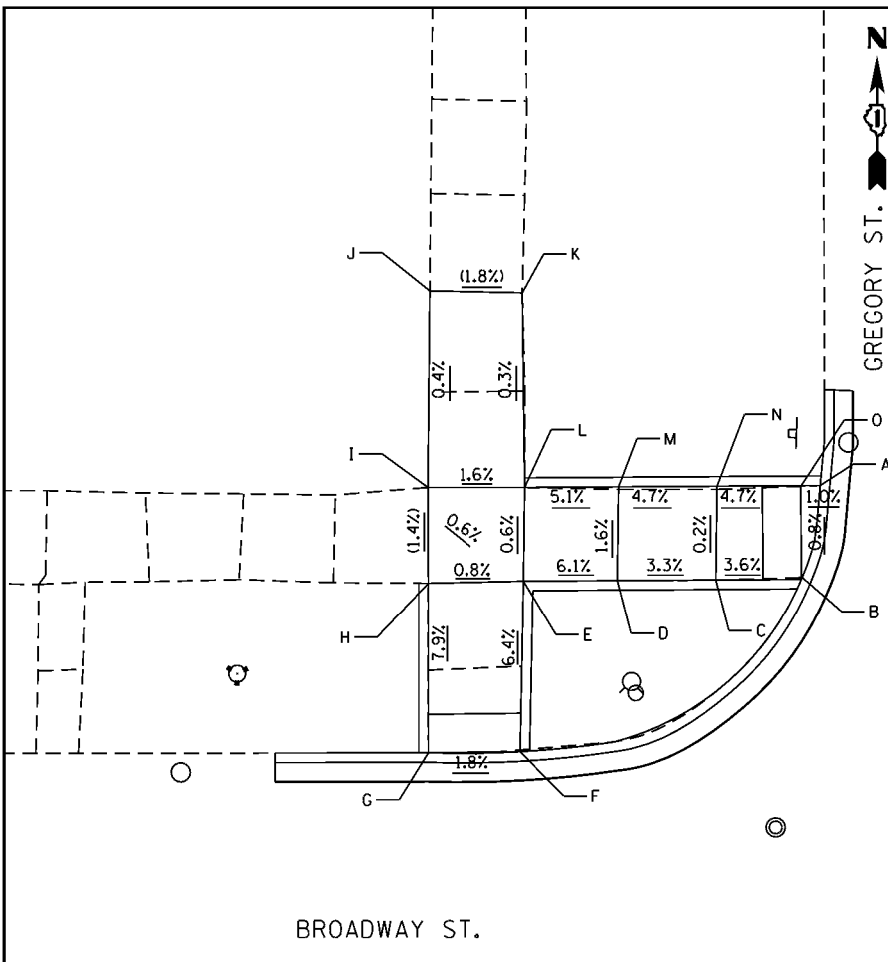
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - REXFORD ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 1596	SECTION 2016-03ORS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 22
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\11084EBID\INTEC\Illinois\gov\p1001\Documents\1001\Offices\District\Projects\11084EBID\Consult\MapData\Accurate Group\CADD Sheets\11084EBID-Sht-ADA 10 Gregory St.dwg

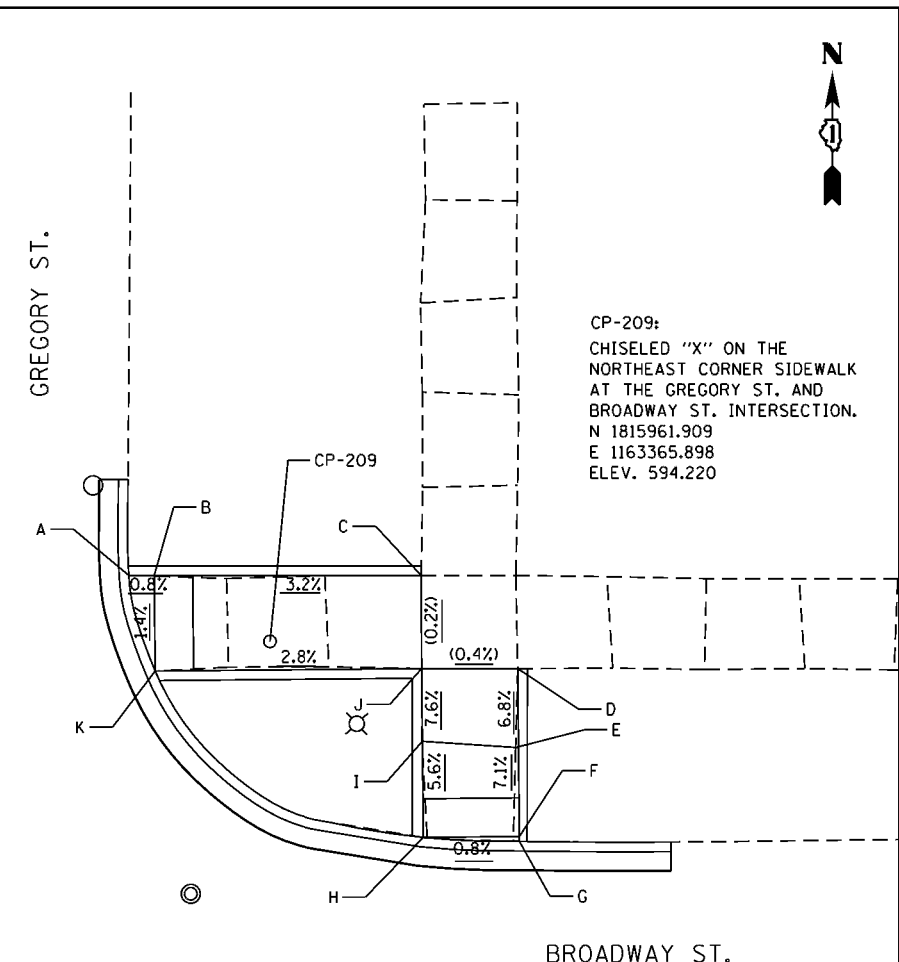


NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815964.3411 E=1163328.1636	593.82
B	N=1815959.5170 E=1163327.3952	593.87
C	N=1815959.2232 E=1163322.9044	594.03
D	N=1815959.0140 E=1163317.7881	594.20
E	N=1815958.8140 E=1163312.8950	594.50
F	N=1815949.9002 E=1163313.0308	593.93
G	N=1815949.6785 E=1163308.2261	593.84
H	N=1815958.5300 E=1163307.9150	(594.54)
I	N=1815963.5280 E=1163307.7180	(594.61)
J	N=1815973.7573 E=1163307.4608	(594.65)
K	N=1815973.8240 E=1163312.3120	(594.56)
L	N=1815963.7030 E=1163312.7870	594.53
M	N=1815963.9058 E=1163317.6801	594.28
N	N=1815964.1178 E=1163322.7963	594.04
O	N=1815964.2995 E=1163327.1816	593.83

NE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815965.1389 E=1163358.4299	593.92
B	N=1815965.1848 E=1163359.7588	593.93
C	N=1815965.6660 E=1163373.6950	(594.38)
D	N=1815960.9410 E=1163378.8880	(594.41)
E	N=1815956.8304 E=1163379.0716	594.13
F	N=1815952.2127 E=1163379.2778	593.78
G	N=1815951.9569 E=1163379.2892	593.78
H	N=1815951.9896 E=1163374.2820	593.82
I	N=1815956.9873 E=1163374.0588	594.10
J	N=1815960.7680 E=1163373.8900	(594.39)
K	N=1815960.1584 E=1163359.9792	594.00



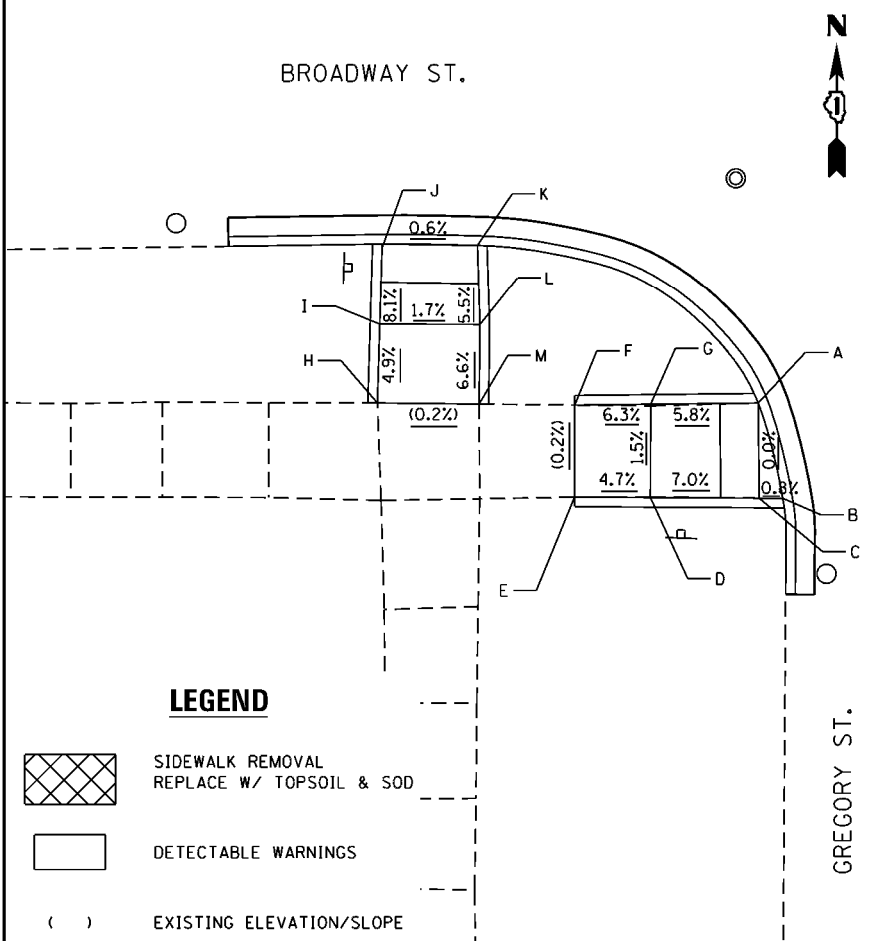
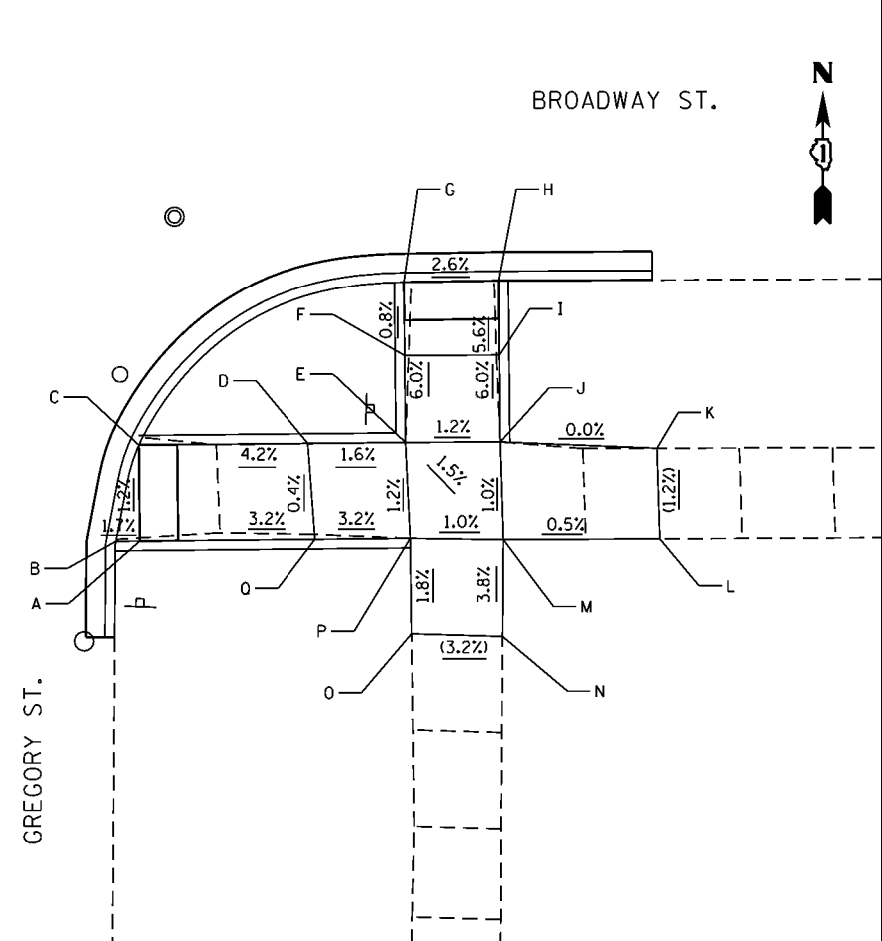
CP-209:
CHISELED "X" ON THE
NORTHEAST CORNER SIDEWALK
AT THE GREGORY ST. AND
BROADWAY ST. INTERSECTION.
N 1815961.909
E 1163365.898
ELEV. 594.220

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	12 CU YD
TOPSOIL FURNISH AND PLACE, 4"	77 SQ YD
SODDING, SALT TOLERANT	77 SQ YD
PROTECTIVE COAT	118 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	695.5 SQ FT
DETECTABLE WARNINGS	80 SQ FT
SIDEWALK REMOVAL	608 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	173 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	78 SQ YD

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815894.6571 E=1163362.3077	593.90
B	N=1815894.6050 E=1163361.0645	593.88
C	N=1815899.6380 E=1163362.0852	593.84
D	N=1815900.0321 E=1163370.9114	594.21
E	N=1815900.2600 E=1163376.0140	594.29
F	N=1815904.7801 E=1163375.8130	594.02
G	N=1815908.6129 E=1163375.6419	593.99
H	N=1815908.8614 E=1163380.5517	593.86
I	N=1815904.9771 E=1163380.7251	594.08
J	N=1815900.4570 E=1163380.9270	594.35
K	N=1815900.4118 E=1163389.0982	(594.35)
L	N=1815895.7139 E=1163389.4114	(594.44)
M	N=1815895.3880 E=1163381.2650	594.40
N	N=1815890.3604 E=1163381.4014	(594.59)
O	N=1815890.3317 E=1163376.6739	(594.44)
P	N=1815895.2880 E=1163376.4360	594.35
Q	N=1815895.0657 E=1163371.4576	594.19



SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815898.7345 E=1163329.2499	593.80
B	N=1815893.8289 E=1163330.7003	593.79
C	N=1815893.7933 E=1163329.4705	593.80
D	N=1815893.6295 E=1163323.8101	594.20
E	N=1815893.5153 E=1163319.8643	(594.38)
F	N=1815898.2633 E=1163319.7057	(594.37)
G	N=1815898.4806 E=1163323.6567	594.13
H	N=1815898.0460 E=1163309.3870	(594.48)
I	N=1815902.1511 E=1163309.3673	594.28
J	N=1815906.3614 E=1163309.3470	593.94
K	N=1815906.4613 E=1163314.3560	593.97
L	N=1815902.3200 E=1163314.6340	594.20
M	N=1815898.1740 E=1163314.7320	(594.47)

LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE



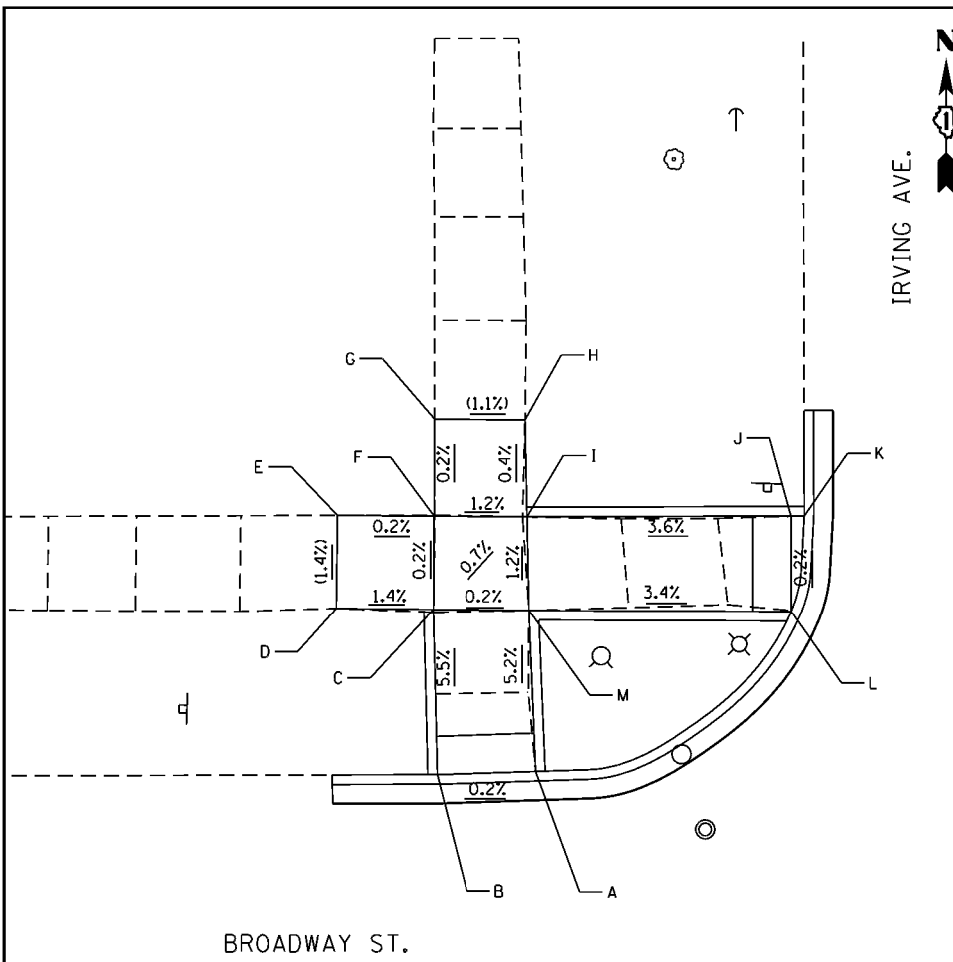
USER NAME = gorenautob	DESIGNED - AB	REVISED -
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - GREGORY ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

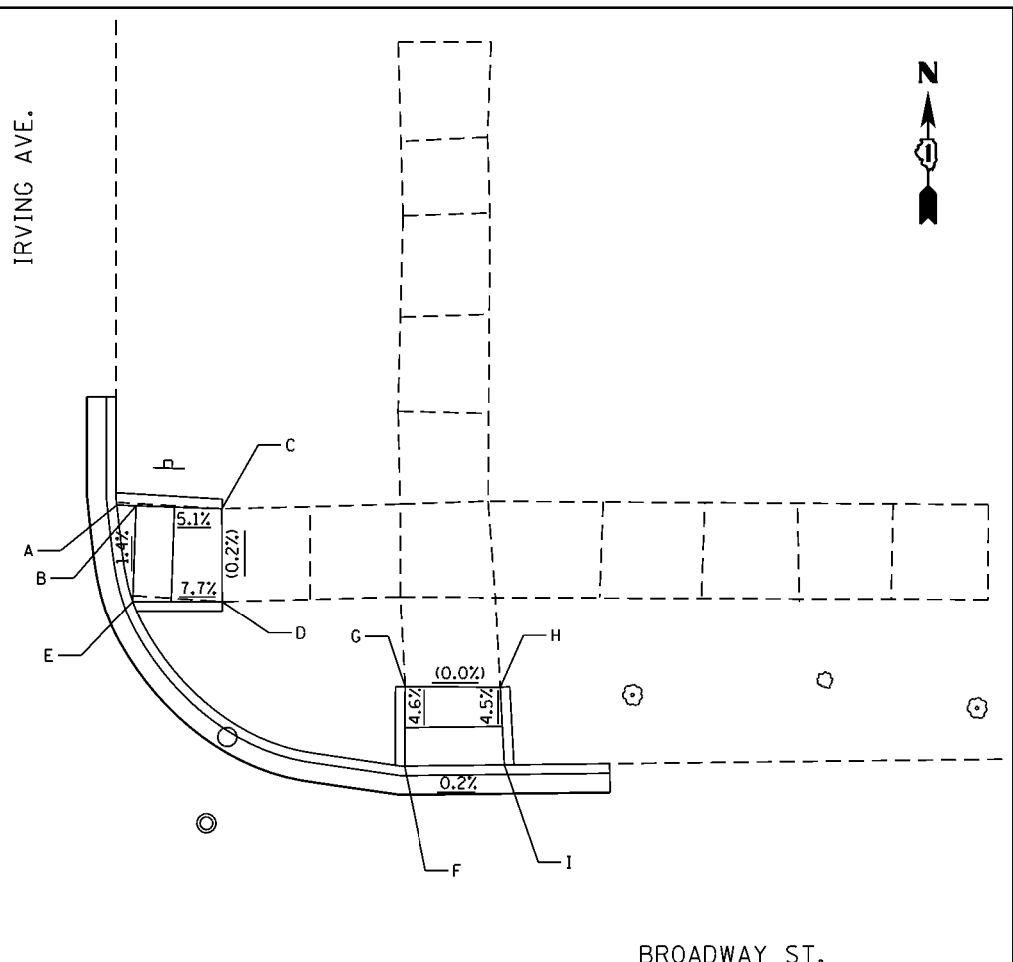
F.A.P. RTE. 1596	SECTION 2016-030RS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 23
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\11\084EBID\INTEC\Illinois.gov\11\001\Documents\1001\01\Projects\11\116\Consult\MapData\Accurate Group\CADD Sheets\1162264-Sht-ADA 11 Irving Ave.dgn



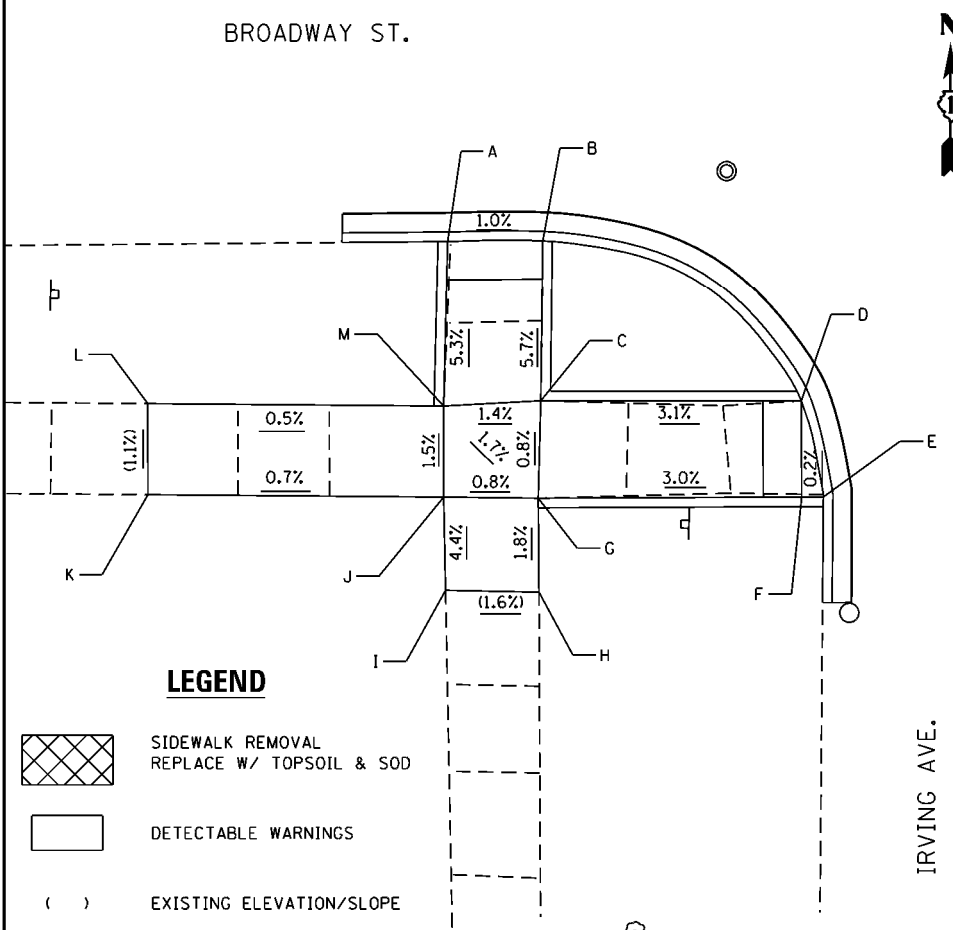
NW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815963.2148 E=1163686.1394	593.84
B	N=1815962.8740 E=1163680.9993	593.83
C	N=1815971.4767 E=1163680.4930	594.30
D	N=1815971.3600 E=1163675.4290	(594.23)
E	N=1815976.2268 E=1163675.3255	(594.30)
F	N=1815976.3639 E=1163680.3587	594.29
G	N=1815981.4051 E=1163680.2159	(594.28)
H	N=1815981.5320 E=1163684.9550	(594.33)
I	N=1815976.4967 E=1163685.2314	594.35
J	N=1815977.0171 E=1163698.9603	593.83
K	N=1815977.0432 E=1163699.6506	593.83
L	N=1815972.0242 E=1163699.1495	593.82
M	N=1815971.6040 E=1163685.5000	594.29

NE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815977.7310 E=1163719.9556	593.87
B	N=1815977.7310 E=1163720.9585	593.87
C	N=1815977.7310 E=1163725.4310	(594.15)
D	N=1815972.8880 E=1163725.6080	(594.16)
E	N=1815972.7310 E=1163720.9585	593.80
F	N=1815964.6259 E=1163735.4021	593.83
G	N=1815968.7610 E=1163735.2870	(594.02)
H	N=1815968.8980 E=1163740.2830	(594.02)
I	N=1815964.8668 E=1163740.6378	593.84



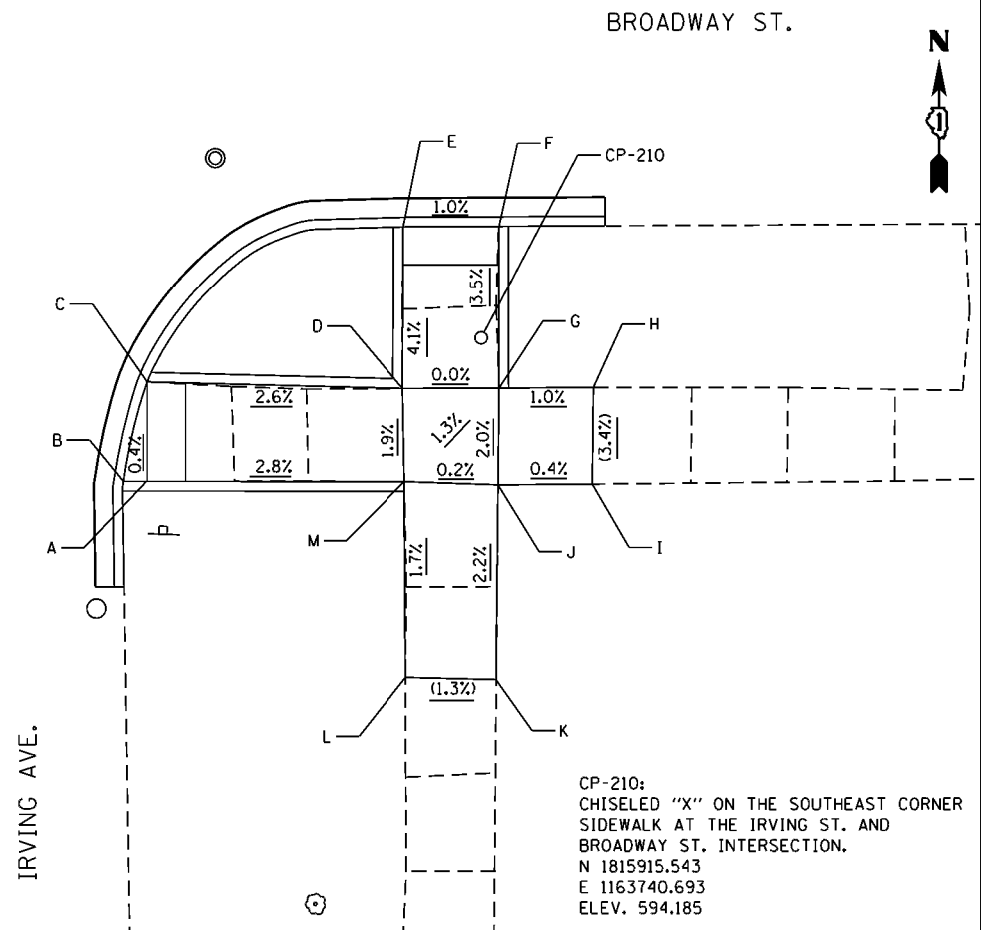
BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	11 CU YD
TOPSOIL FURNISH AND PLACE, 4"	65 SQ YD
SODDING, SALT TOLERANT	65 SQ YD
PROTECTIVE COAT	128 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	757 SQ FT
DETECTABLE WARNINGS	81 SQ FT
SIDEWALK REMOVAL	681 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	156 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	85 SQ YD



SW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815919.4017 E=1163682.2702	593.88
B	N=1815919.6041 E=1163687.2682	593.93
C	N=1815911.2480 E=1163687.4550	594.41
D	N=1815911.7170 E=1163701.0069	593.99
E	N=1815906.7627 E=1163702.3294	594.00
F	N=1815906.7187 E=1163701.2022	594.00
G	N=1815906.1830 E=1163687.4980	594.45
H	N=1815901.3040 E=1163687.7060	(594.54)
I	N=1815901.2292 E=1163682.7897	(594.62)
J	N=1815906.0680 E=1163682.5260	594.41
K	N=1815905.6590 E=1163667.1364	(594.31)
L	N=1815910.3890 E=1163666.9694	(594.26)
M	N=1815910.7980 E=1163682.3590	594.34

SE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815907.4713 E=1163723.4879	593.92
B	N=1815907.4310 E=1163722.2940	593.92
C	N=1815912.6442 E=1163723.3506	593.90
D	N=1815912.7650 E=1163736.6790	594.25
E	N=1815921.1994 E=1163736.4250	593.91
F	N=1815921.4001 E=1163741.4190	593.96
G	N=1815912.9580 E=1163741.7180	594.25
H	N=1815913.1660 E=1163746.6260	(594.20)
I	N=1815908.1360 E=1163746.7440	(594.37)
J	N=1815907.9280 E=1163741.8360	594.35
K	N=1815897.8070 E=1163742.0790	(594.57)
L	N=1815897.7560 E=1163737.3530	(594.51)
M	N=1815907.9260 E=1163736.9360	594.34



CP-210:
CHISELED "X" ON THE SOUTHEAST CORNER SIDEWALK AT THE IRVING ST. AND BROADWAY ST. INTERSECTION.
N 1815915.543
E 1163740.693
ELEV. 594.185

LEGEND

- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE



USER NAME = gorengetab	DESIGNED - SAT	REVISED -
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

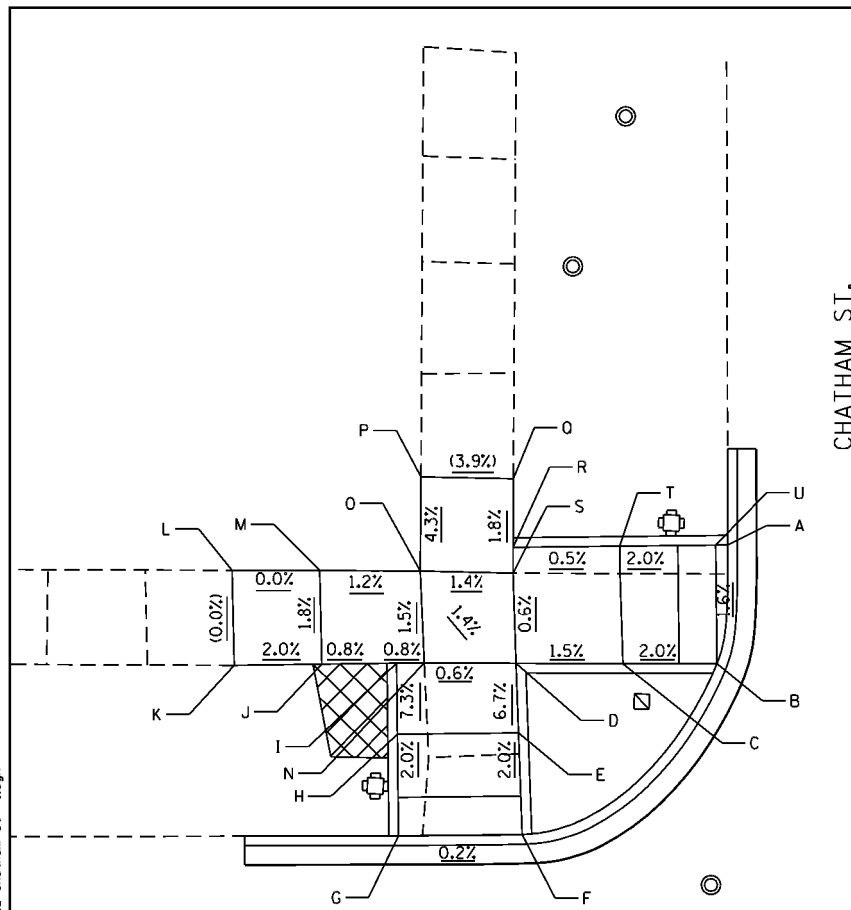
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - IRVING AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	24
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

FILE NAME = p:\11\084EBID\INTEG\Illinois.gov\PM\DOT\Documents\DOT Offices\District\Projects\116\ConsultantData\Accurate Group\CADD Sheets\162C64-Sht-ADA 12 Chatham St. - 1.dgn



CHATHAM ST.

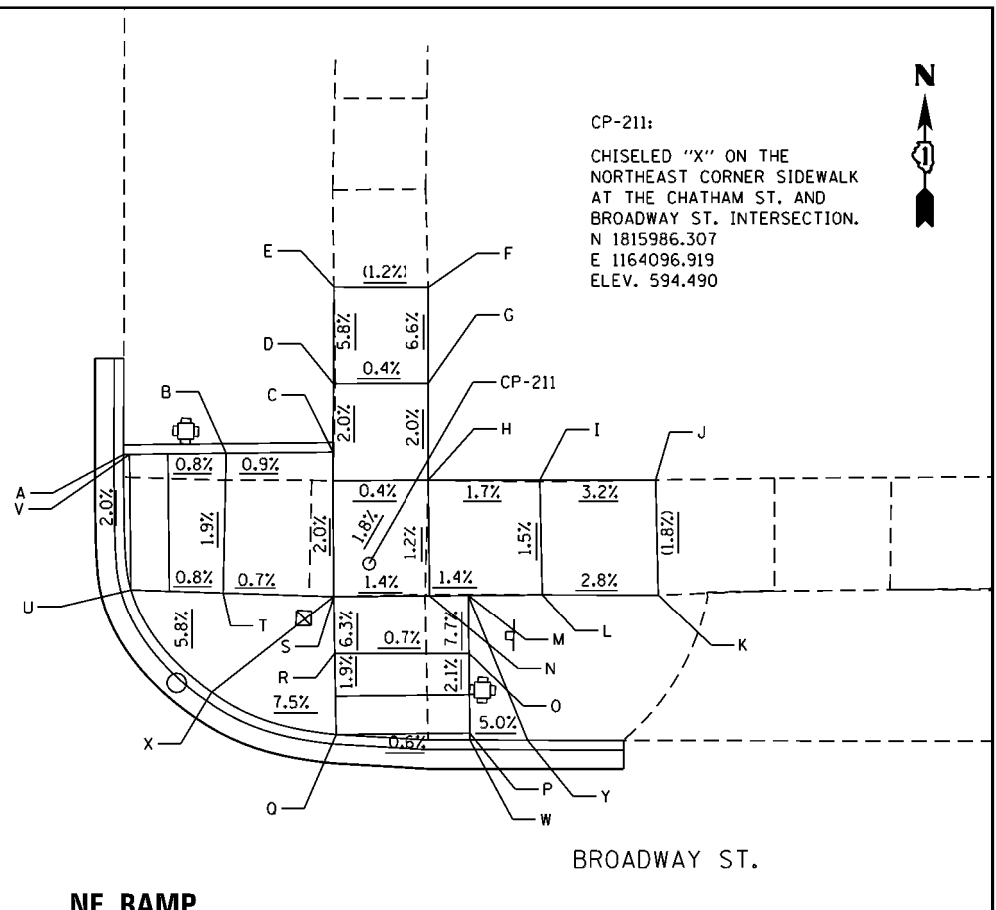
BROADWAY ST.

NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815990.8631 E=1164055.7843	594.10
B	N=1815984.6164 E=1164055.4378	594.00
C	N=1815984.4466 E=1164050.5533	594.10
D	N=1815984.2864 E=1164044.9970	594.18
E	N=1815980.6694 E=1164045.2494	593.94
F	N=1815975.3889 E=1164045.6179	593.83
G	N=1815975.1047 E=1164039.1383	593.84
H	N=1815980.3859 E=1164038.9025	593.95
I	N=1815984.0825 E=1164038.7374	594.22
J	N=1815983.9000 E=1164034.8500	594.25
K	N=1815983.6830 E=1164030.2950	(594.34)
L	N=1815988.6742 E=1164030.0128	(594.34)
M	N=1815988.8170 E=1164034.5720	594.34
N	N=1815984.1500 E=1164040.1750	594.21
O	N=1815988.9680 E=1164039.8040	594.28
P	N=1815993.8650 E=1164039.6780	(594.49)
Q	N=1815993.9350 E=1164044.5320	(594.30)
R	N=1815990.3655 E=1164044.6424	594.23
S	N=1815989.0220 E=1164044.6840	594.21
T	N=1815990.6127 E=1164050.1763	594.20
U	N=1815990.8352 E=1164055.1601	594.10

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	14 CU YD
TOPSOIL FURNISH AND PLACE, 4"	28 SO YD
SODDING, SALT TOLERANT	28 SO YD
PROTECTIVE COAT	87 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	592 SO FT
DETECTABLE WARNINGS	53 SO FT
SIDEWALK REMOVAL	485 SO FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	83 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	66 SO YD
PAVED SHOULDER REMOVAL	7 SO YD



CHATHAM ST.




BROADWAY ST.

NE RAMP

POINT	COORDINATES	ELEVATION	POINT	COORDINATES	ELEVATION
A	N=1815991.5696 E=1164084.2585	594.15	R	N=1815981.5270 E=1164095.2865	593.90
B	N=1815991.7942 E=1164089.2872	594.19	S	N=1815984.5160 E=1164095.1350	594.09
C	N=1815992.0423 E=1164094.8442	594.24	T	N=1815984.5097 E=1164089.3741	594.05
D	N=1815995.5991 E=1164094.7443	594.31	U	N=1815984.5044 E=1164084.5740	594.01
E	N=1816000.6353 E=1164094.6028	(594.60)	V	N=1815991.5562 E=1164083.9572	594.15
F	N=1816000.7760 E=1164099.5520	(594.66)	W	N=1815977.2554 E=1164102.5172	593.86
G	N=1815995.7959 E=1164099.7219	594.33	X	N=1815979.2904 E=1164088.9501	594.34
H	N=1815990.7530 E=1164099.8940	594.23	Y	N=1815977.3488 E=1164105.5160	594.01
I	N=1815990.9539 E=1164105.6915	594.33			
J	N=1815991.1625 E=1164111.7106	(594.52)			
K	N=1815985.1640 E=1164112.0480	(594.41)			
L	N=1815984.9781 E=1164106.0224	594.24			
M	N=1815984.8150 E=1164102.1796	594.19			
N	N=1815984.7294 E=1164100.1630	594.16			
O	N=1815981.7674 E=1164102.3157	593.95			
P	N=1815977.6152 E=1164102.5011	593.86			
Q	N=1815977.3026 E=1164095.5007	593.82			

CP-211:
CHISELED "X" ON THE
NORTHEAST CORNER SIDEWALK
AT THE CHATHAM ST. AND
BROADWAY ST. INTERSECTION.
N 1815986.307
E 1164096.919
ELEV. 594.490

LEGEND

-  SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
-  DETECTABLE WARNINGS
-  EXISTING ELEVATION/SLOPE



USER NAME = gorengautab	DESIGNED - AB	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

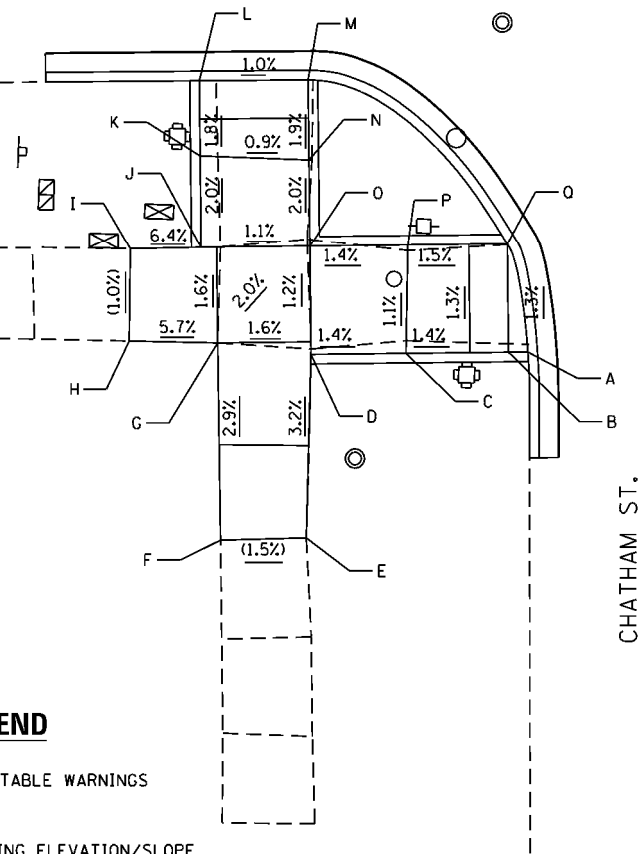
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - CHATHAM ST. - I	
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 1596	SECTION 2016-030RS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 25
CONTRACT NO. 62C64			ILLINOIS FED. AID PROJECT	

FILE NAME = p:\11\08\EBID\INTEG\Illinois.gov\DOT\Documents\DOT Offices\District 1\Projects\116\Consult\Drawings\Group\CA00 Sheets\1162264-Sht-ADA 12 Chatham St. - 11.dgn

BROADWAY ST.



CHATHAM ST.

LEGEND

- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE

SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815918.3752 E=1164058.6229	593.95
B	N=1815918.3304 E=1164057.6193	593.95
C	N=1815918.0926 E=1164052.2946	594.02
D	N=1815917.8722 E=1164047.3594	594.09
E	N=1815908.3330 E=1164047.4400	(594.40)
F	N=1815908.0620 E=1164042.9330	(594.47)
G	N=1815918.3040 E=1164042.4410	594.17
H	N=1815918.2465 E=1164037.8348	(594.43)
I	N=1815923.0617 E=1164037.7315	(594.38)
J	N=1815923.2588 E=1164041.4112	594.09
K	N=1815928.0390 E=1164041.1977	593.99
L	N=1815931.9514 E=1164041.0230	593.92
M	N=1815932.1893 E=1164046.7302	593.86
N	N=1815928.0205 E=1164046.9163	593.94
O	N=1815923.5209 E=1164047.1173	594.03
P	N=1815923.7480 E=1164052.2032	593.96
Q	N=1815923.9766 E=1164057.3670	593.88

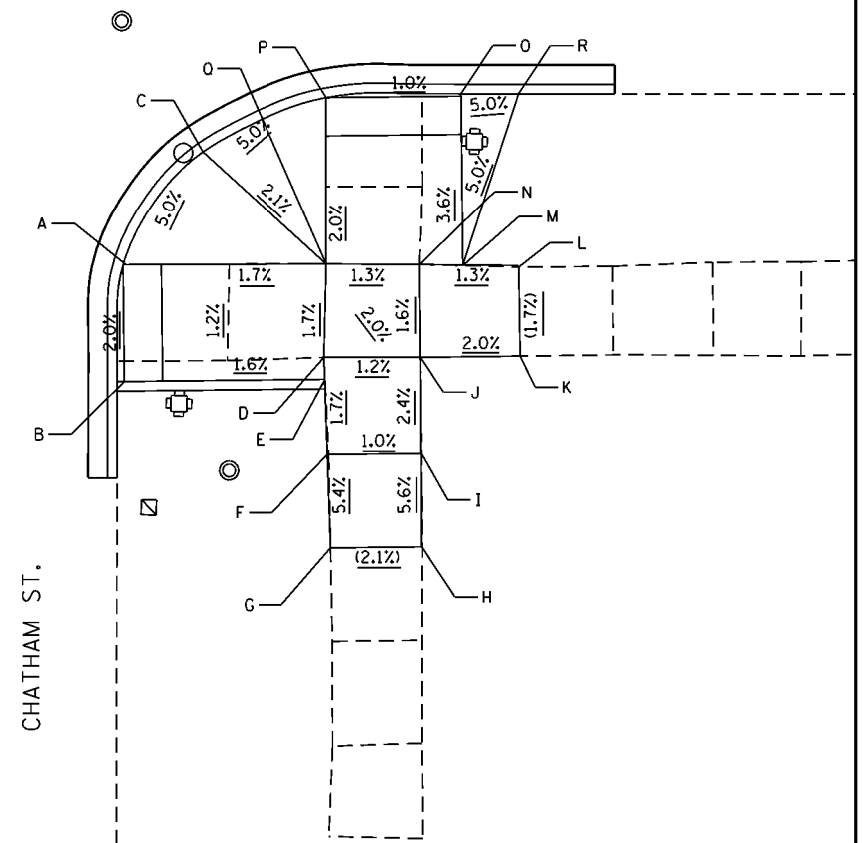
BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	11 CU YD
TOPSOIL FURNISH AND PLACE, 4"	27 SQ YD
SODDING, SALT TOLERANT	27 SQ YD
PROTECTIVE COAT	83 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	555.5 SQ FT
DETECTABLE WARNINGS	49 SQ FT
SIDEWALK REMOVAL	387 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	81 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	62 SQ YD
PAVED SHOULDER REMOVAL	9 SQ YD

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815924.4842 E=1164086.7583	593.74
B	N=1815918.4045 E=1164087.0298	593.86
C	N=1815930.5176 E=1164090.7289	594.10
D	N=1815920.0100 E=1164097.4080	594.00
E	N=1815918.8714 E=1164097.4862	594.03
F	N=1815914.9847 E=1164097.7530	594.09
G	N=1815910.1331 E=1164098.0861	(594.35)
H	N=1815910.3450 E=1164102.8230	(594.45)
I	N=1815915.2027 E=1164102.6256	594.18
J	N=1815920.1829 E=1164102.4232	594.06
K	N=1815920.4143 E=1164107.6064	(594.17)
L	N=1815925.0560 E=1164107.3810	(594.05)
M	N=1815925.0323 E=1164104.4668	594.00
N	N=1815925.0140 E=1164102.2100	593.98
O	N=1815934.0041 E=1164104.0661	593.68
P	N=1815933.5659 E=1164097.0661	593.75
Q	N=1815924.8820 E=1164097.3610	593.92
R	N=1815934.1032 E=1164107.0647	593.53

BROADWAY ST.



CHATHAM ST.



USER NAME = gorengautab	DESIGNED - AB	REVISED -
PLOT SCALE = 20.0006' / in.	DRAWN - GOC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

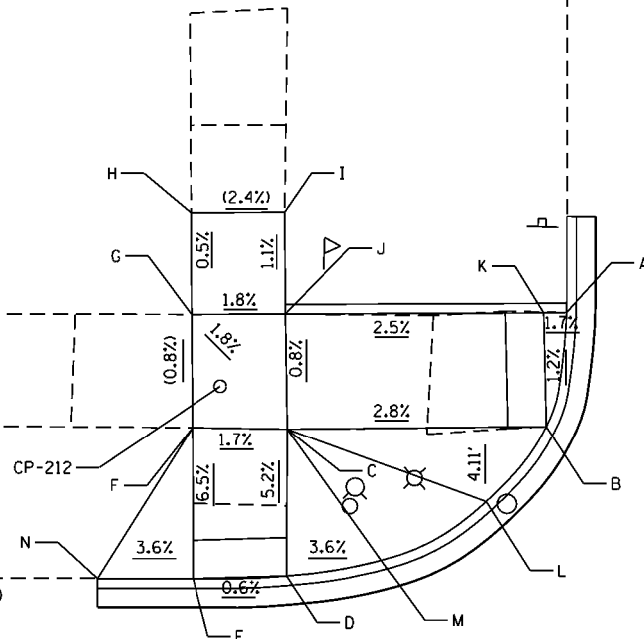
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - CHATHAM ST. - II
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 1596	SECTION 2016-030RS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 26
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

CP-212:
CHISELED "X" ON THE NORTHWEST
CORNER SIDEWALK AT THE CHICAGO ST.
AND BROADWAY ST. INTERSECTION.
N=1815997.467
E=1164402.657
ELEV. 593.495

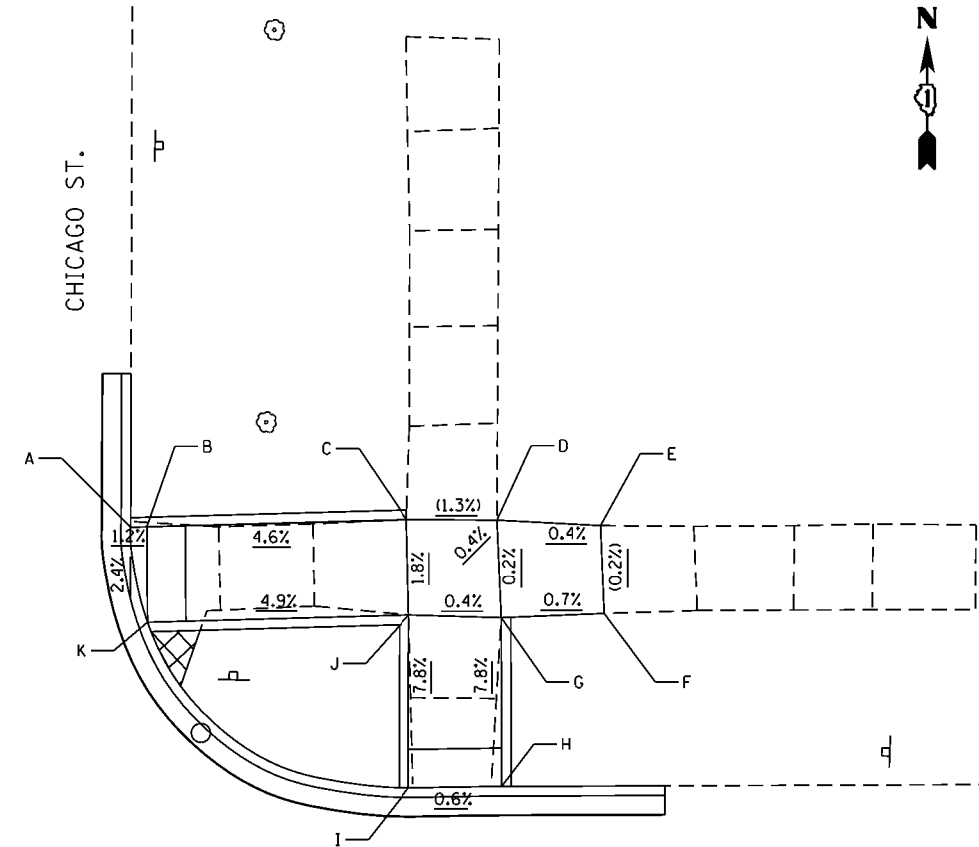


NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1816001.9464 E=1164420.5583	593.06
B	N=1815995.9472 E=1164419.7070	592.99
C	N=1815995.3380 E=1164406.2370	593.37
D	N=1815987.7430 E=1164406.4660	592.97
E	N=1815987.3598 E=1164401.5841	592.94
F	N=1815995.2490 E=1164401.2820	(593.46)
G	N=1816001.1590 E=1164401.0190	(593.50)
H	N=1816006.4483 E=1164400.8046	(593.48)
I	N=1816006.6430 E=1164405.7090	(593.36)
J	N=1816001.3540 E=1164405.9320	593.42
K	N=1816001.8782 E=1164419.3646	593.08
L	N=1815991.9167 E=1164416.7244	593.43
M	N=1815988.6534 E=1164411.3704	593.15
N	N=1815987.1930 E=1164396.5869	593.12

NE RAMP

POINT	COORDINATES	ELEVATION
A	N=1816002.3365 E=1164440.9401	592.99
B	N=1816002.3896 E=1164441.7840	593.00
C	N=1816003.2420 E=1164455.3120	(593.62)
D	N=1816003.3780 E=1164460.0370	(593.56)
E	N=1816003.2842 E=1164465.4372	(593.58)
F	N=1815998.6710 E=1164465.7880	(593.59)
G	N=1815998.2640 E=1164460.4390	593.55
H	N=1815989.4806 E=1164460.7648	592.86
I	N=1815989.2372 E=1164455.9055	592.83
J	N=1815998.2370 E=1164455.6030	593.53
K	N=1815997.3795 E=1164441.9939	592.87



BILL OF MATERIAL

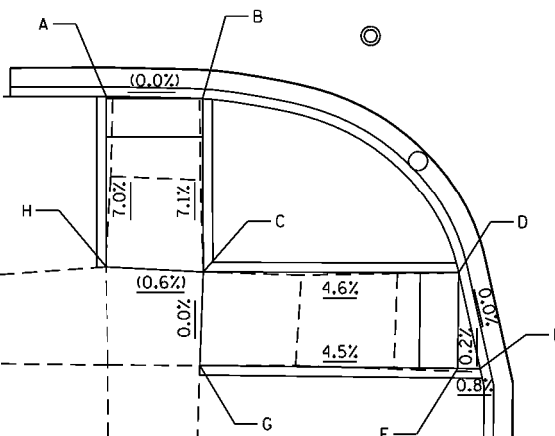
ITEM	QUANTITY
EARTH EXCAVATION	12 CU YD
TOPSOIL FURNISH AND PLACE, 4"	52 SQ YD
SODDING, SALT TOLERANT	52 SQ YD
PROTECTIVE COAT	137 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	820 SQ FT
DETECTABLE WARNINGS	80 SQ FT
SIDEWALK REMOVAL	644 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	166 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	92 SQ YD
PAVED SHOULDER REMOVAL	11 SQ YD

BROADWAY ST.

BROADWAY ST.

BROADWAY ST.

BROADWAY ST.

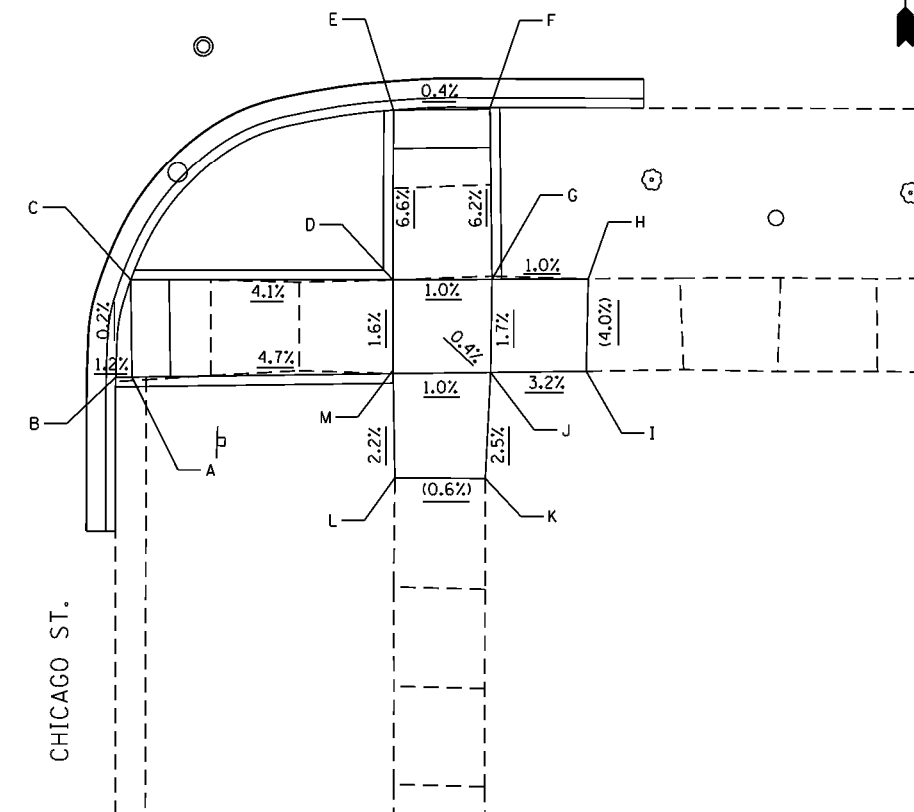


SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815944.2932 E=1164403.0978	592.83
B	N=1815944.3569 E=1164408.1641	592.83
C	N=1815935.2920 E=1164408.5190	(593.48)
D	N=1815935.7282 E=1164421.8079	592.87
E	N=1815930.7749 E=1164423.0951	592.87
F	N=1815930.7773 E=1164421.9452	592.88
G	N=1815930.4310 E=1164408.5090	(593.48)
H	N=1815935.3810 E=1164403.4110	(593.45)

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815931.6112 E=1164444.1892	592.77
B	N=1815931.5703 E=1164443.3407	592.76
C	N=1815936.6588 E=1164443.9459	592.77
D	N=1815937.1340 E=1164457.6410	593.33
E	N=1815946.0122 E=1164457.3565	592.74
F	N=1815946.3196 E=1164462.3775	592.72
G	N=1815937.3513 E=1164462.7987	593.28
H	N=1815937.5450 E=1164467.8010	(593.33)
I	N=1815932.7380 E=1164467.8640	(593.52)
J	N=1815932.5060 E=1164462.8900	593.36
K	N=1815926.9900 E=1164462.8050	(593.50)
L	N=1815926.8570 E=1164458.0980	(593.53)
M	N=1815932.4532 E=1164457.8122	593.41



LEGEND

- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - CHICAGO ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.**

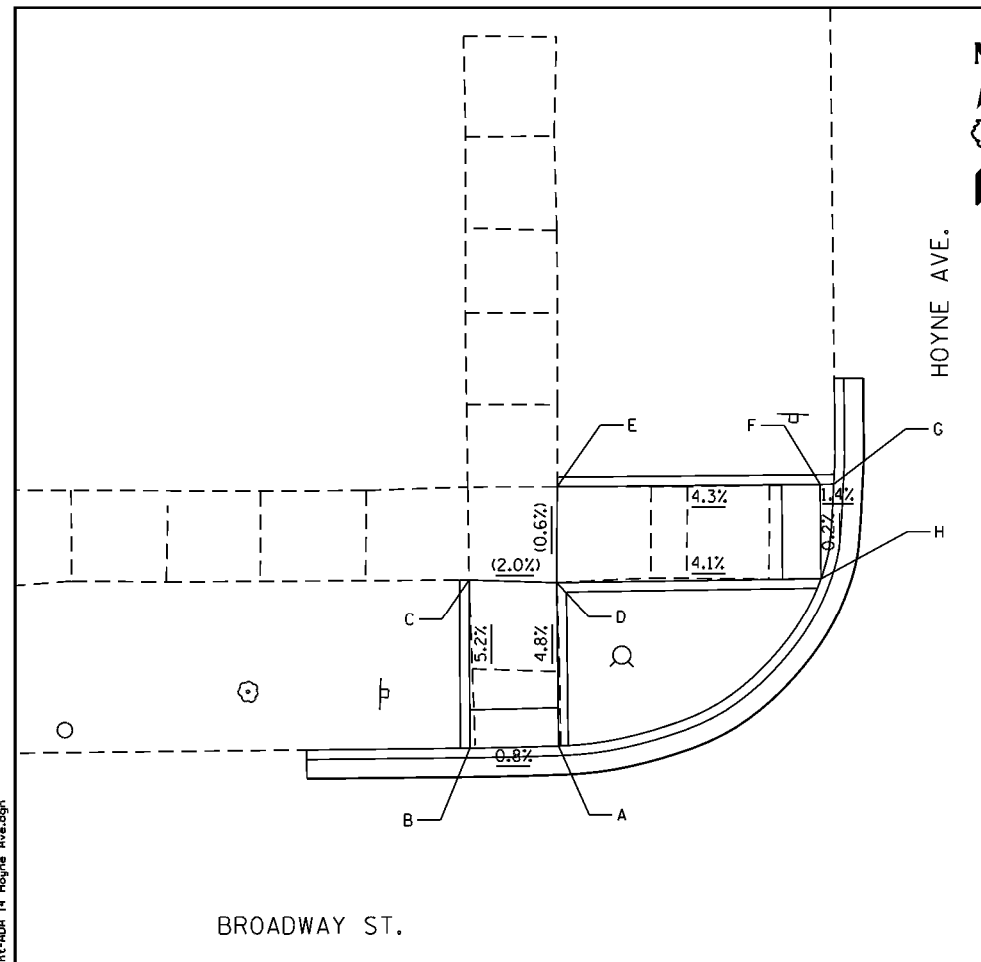


USER NAME = gorenautab	DESIGNED - PP	REVISED -
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

F.A.P. RTE. 1596	SECTION 2016-03ORS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 27
CONTRACT NO. 62C64				ILLINOIS FED. AID PROJECT

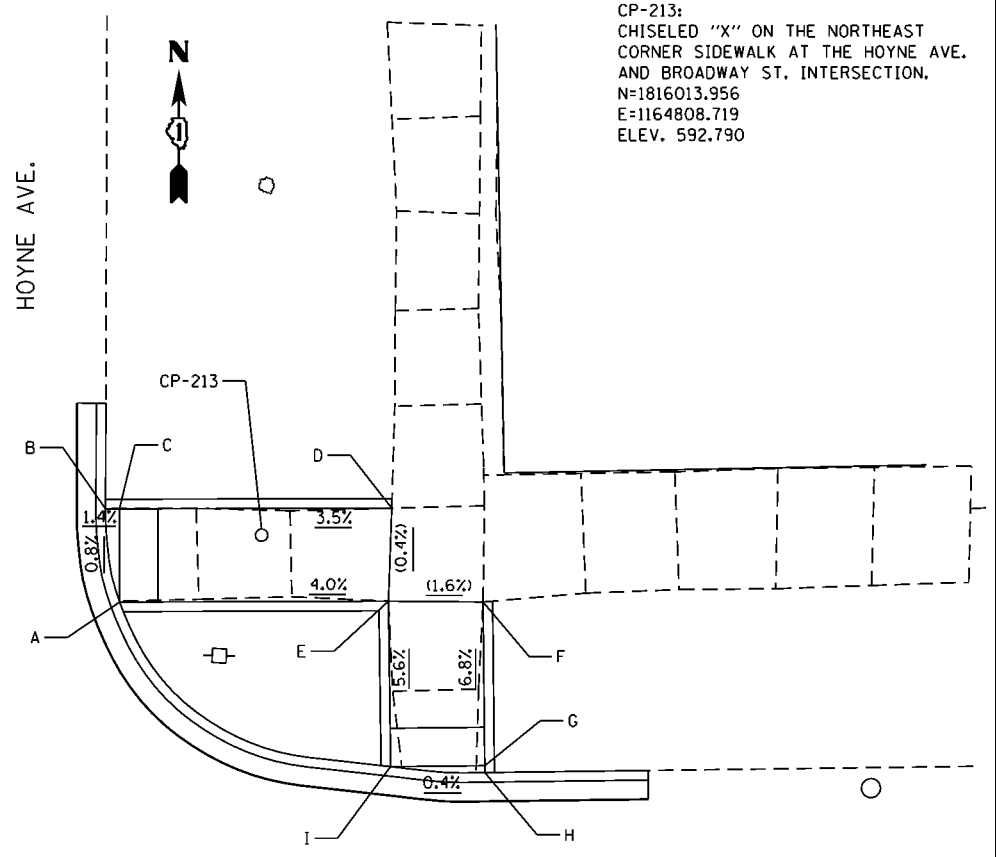
FILE NAME = p:\11\084EBID\INTEC\Illinois.gov\1001\Documents\1001\Offices\District 13\Projects\10116\Consult\PlanData\Vacourse Group\CADD Sheets\162264-Sht-ADA 13 Chicago St.dgn

FILE NAME = p:\11084EBID\INTEC\11084EBID\Documents\DOT Offices\Dist\ct\Projects\11084EBID\Consult\MapData\Accurate Group\CADD Sheets\11084EBID-Sht-ADA 14 Hoynes Ave.dgn



NW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1816000.3745 E=1164766.5206	592.57
B	N=1816000.1272 E=1164761.8600	592.61
C	N=1816008.9270 E=1164761.5630	(593.07)
D	N=1816008.9200 E=1164766.1672	(592.98)
E	N=1816013.9100 E=1164766.0580	(593.01)
F	N=1816014.4337 E=1164779.7340	592.42
G	N=1816014.4607 E=1164780.4389	592.41
H	N=1816009.5210 E=1164779.9221	592.41

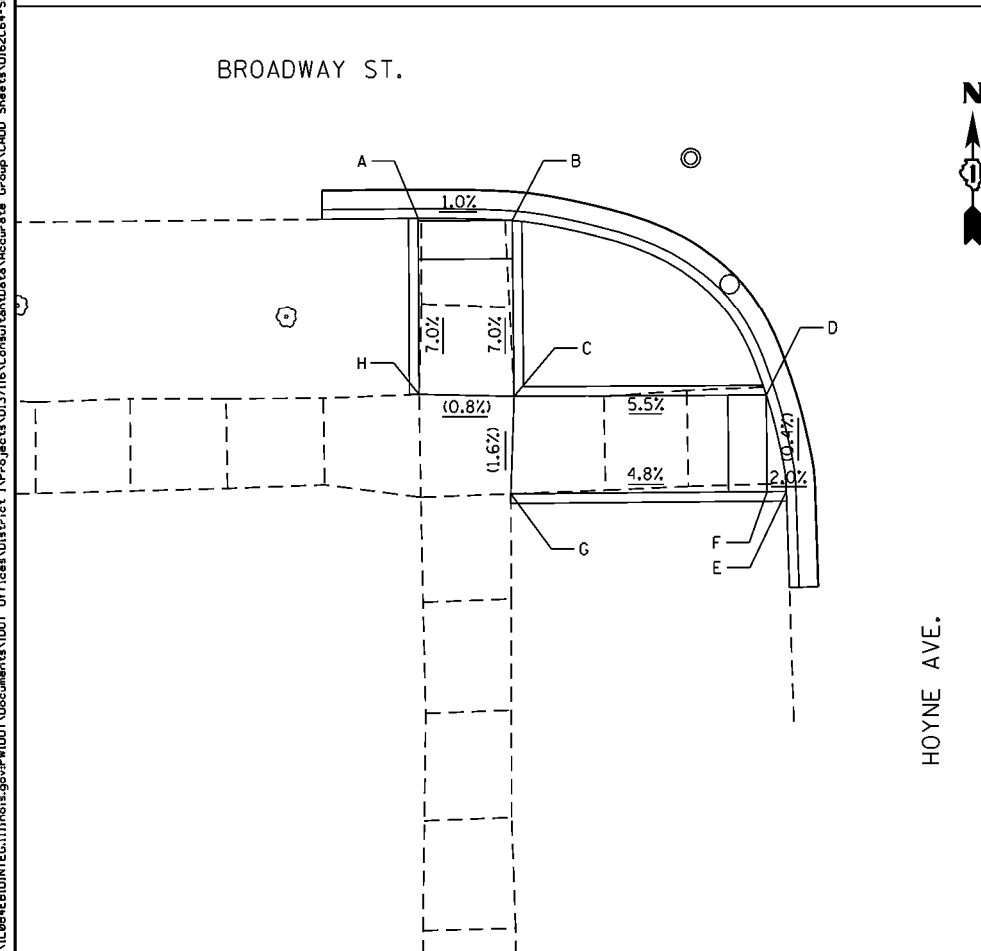
NE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1816010.2106 E=1164801.4363	592.32
B	N=1816015.0893 E=1164800.5630	593.36
C	N=1816015.1118 E=1164801.2833	592.37
D	N=1816015.5540 E=1164815.4510	(592.86)
E	N=1816010.6590 E=1164815.4200	(592.88)
F	N=1816010.7610 E=1164820.3960	(592.96)
G	N=1816002.2450 E=1164820.7298	592.38
H	N=1816001.8887 E=1164820.7438	592.38
I	N=1816002.0536 E=1164815.7730	592.40



CP-213:
CHISELED "X" ON THE NORTHEAST
CORNER SIDEWALK AT THE HOYNE AVE.
AND BROADWAY ST. INTERSECTION.
N=1816013.956
E=1164808.719
ELEV. 592.790

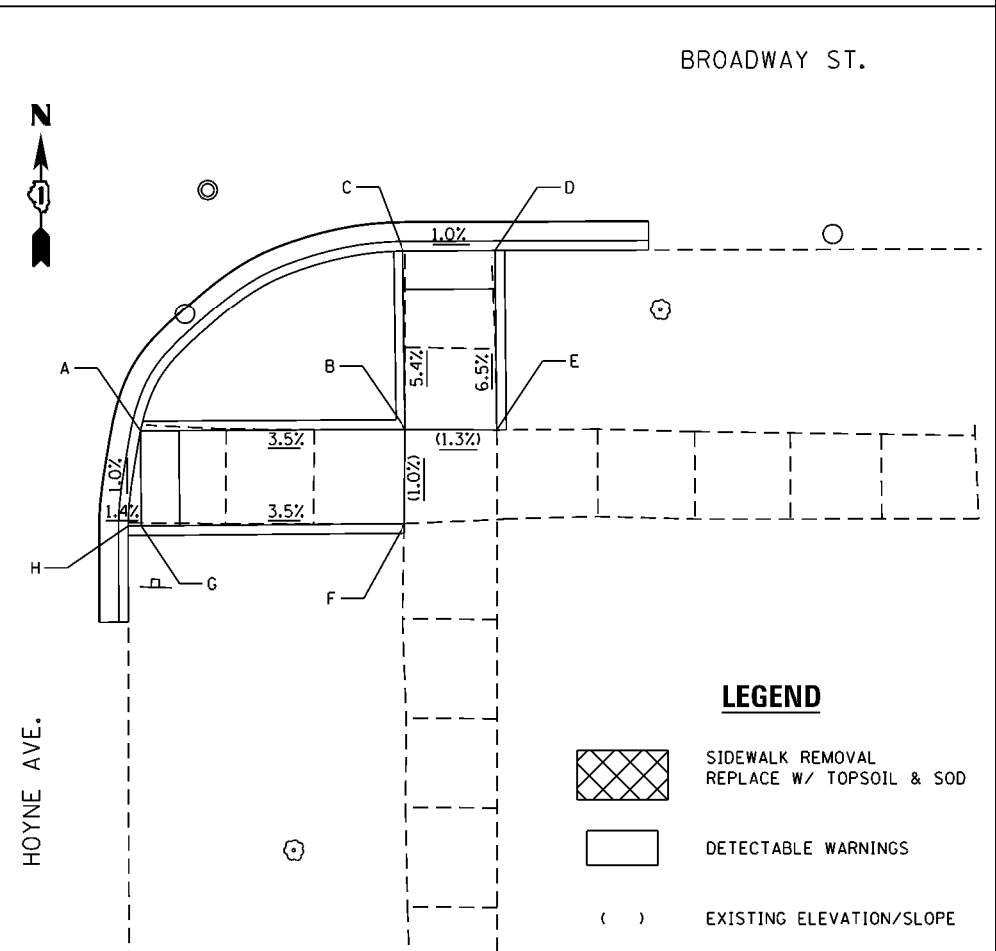
BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	9 CU YD
TOPSOIL FURNISH AND PLACE, 4"	58 SO YD
SODDING, SALT TOLERANT	58 SO YD
PROTECTIVE COAT	108 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	548 SO FT
DETECTABLE WARNINGS	80 SO FT
SIDEWALK REMOVAL	443 SO FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	164 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	61 SO YD



SW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815956.8919 E=1164763.3195	592.49
B	N=1815956.9297 E=1164768.2624	592.54
C	N=1815947.7350 E=1164768.6310	(593.18)
D	N=1815948.1842 E=1164781.7474	592.46
E	N=1815943.2038 E=1164782.9353	592.44
F	N=1815943.1662 E=1164781.9364	592.46
G	N=1815942.6640 E=1164768.6060	(593.10)
H	N=1815947.6940 E=1164763.6300	(593.14)

SE RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815948.9533 E=1164804.2061	592.44
B	N=1815949.4260 E=1164818.0110	(592.93)
C	N=1815958.7466 E=1164817.6166	592.43
D	N=1815958.9033 E=1164822.4287	592.38
E	N=1815949.5320 E=1164822.7960	(592.99)
F	N=1815944.5290 E=1164818.1130	(592.98)
G	N=1815944.0121 E=1164804.3922	592.50
H	N=1815943.9862 E=1164803.7041	592.49



LEGEND

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

DETECTABLE WARNINGS

() EXISTING ELEVATION/SLOPE



USER NAME = gorenautob	DESIGNED - PP	REVISED -
PLOT SCALE = 28.0000' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

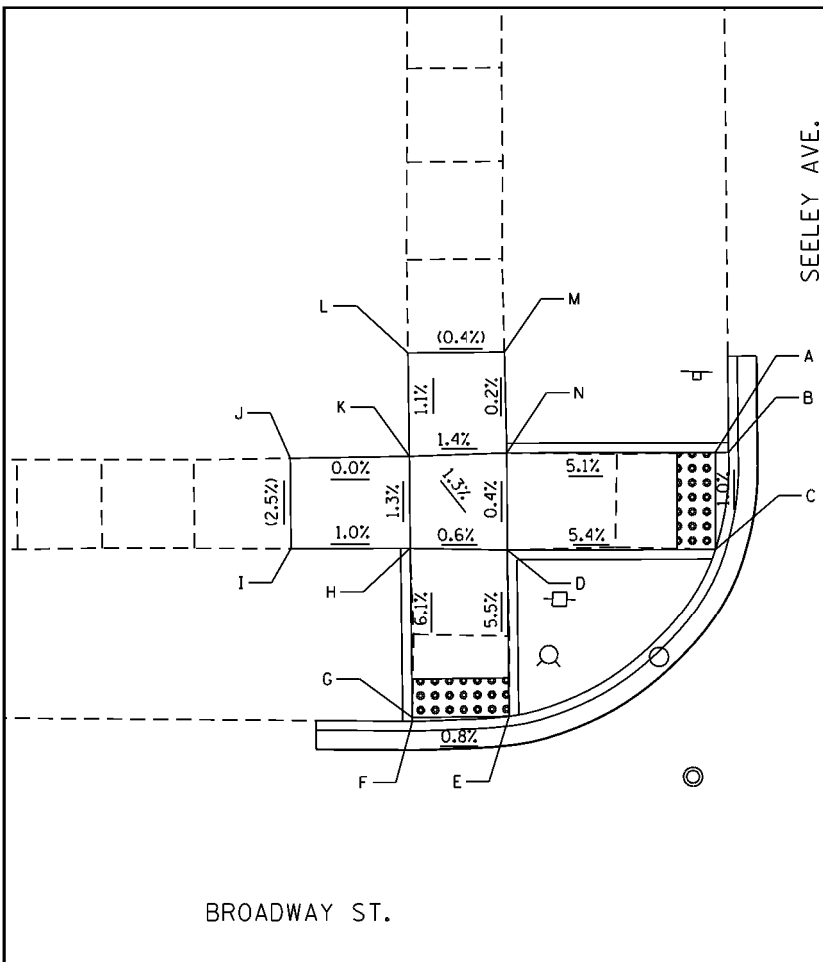
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - HOYNE AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	28
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\11084EBID\INTEG\111010\Documents\1007_Offices\District 15\Projects\11084EBID\Consult\MapData\Accurate_Group\CADD_Sheets\11622C64-Sht-ADA 15 Seeley Ave.dgn

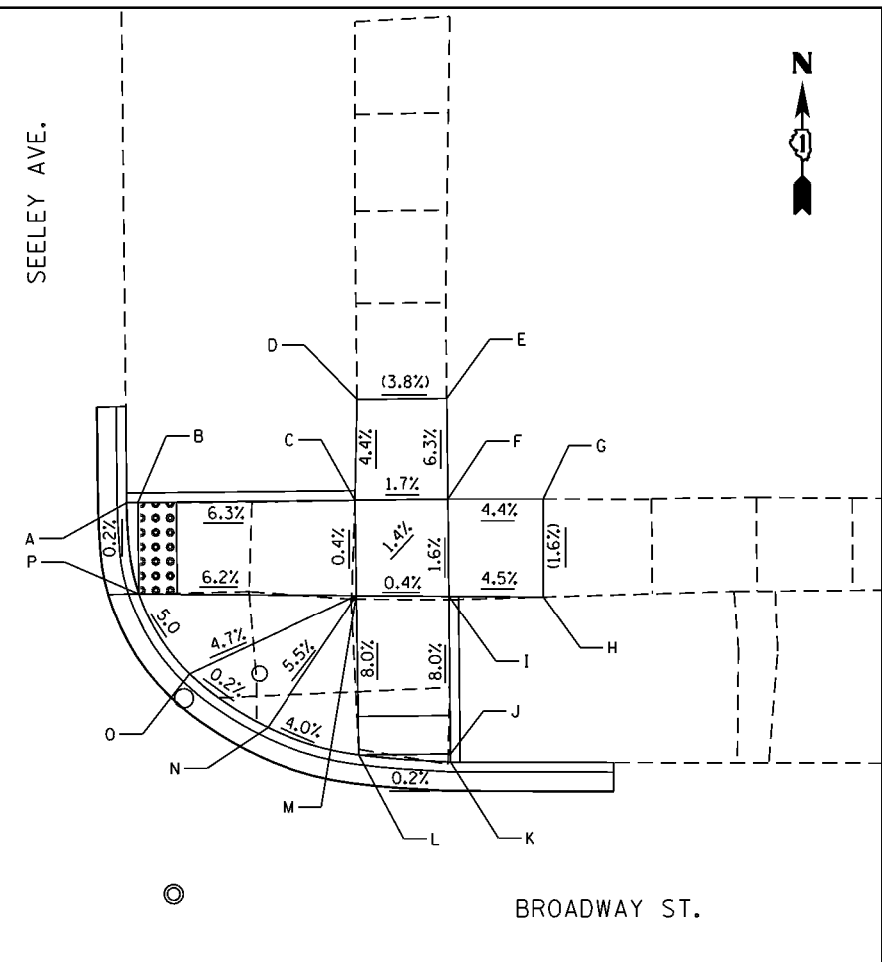


NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1816026.8168 E=1165137.4362	592.83
B	N=1816026.8501 E=1165138.1282	592.82
C	N=1816021.7690 E=1165137.6170	592.78
D	N=1816021.3870 E=1165126.7800	593.36
E	N=1816012.6862 E=1165127.1672	592.88
F	N=1816012.2582 E=1165122.0919	592.84
G	N=1816012.4555 E=1165122.0868	592.84
H	N=1816021.3050 E=1165121.6810	593.39
I	N=1816021.0910 E=1165115.4820	(593.33)
J	N=1816025.7867 E=1165115.2818	(593.45)
K	N=1816026.0900 E=1165121.4770	593.45
L	N=1816031.4650 E=1165121.2263	(593.39)
M	N=1816031.6767 E=1165126.2943	(593.37)
N	N=1816026.4370 E=1165126.5960	593.38

NE RAMP

POINT	COORDINATES	ELEVATION
A	N=1816027.4070 E=1165163.4711	593.05
B	N=1816027.4322 E=1165164.0487	593.06
C	N=1816027.9270 E=1165175.3900	593.78
D	N=1816033.1700 E=1165175.3260	(594.01)
E	N=1816033.3833 E=1165179.9936	(594.19)
F	N=1816028.1480 E=1165180.2270	593.86
G	N=1816028.3105 E=1165185.1782	(594.08)
H	N=1816023.2057 E=1165185.3586	(594.00)
I	N=1816023.0800 E=1165180.4453	593.78
J	N=1816014.8383 E=1165180.8003	593.12
K	N=1816014.4145 E=1165180.8186	593.11
L	N=1816014.6327 E=1165176.0280	593.10
M	N=1816022.9568 E=1165175.6285	593.76
N	N=1816015.9002 E=1165171.2154	593.30
O	N=1816018.5603 E=1165167.0346	593.31
P	N=1816022.6660 E=1165164.2566	593.06

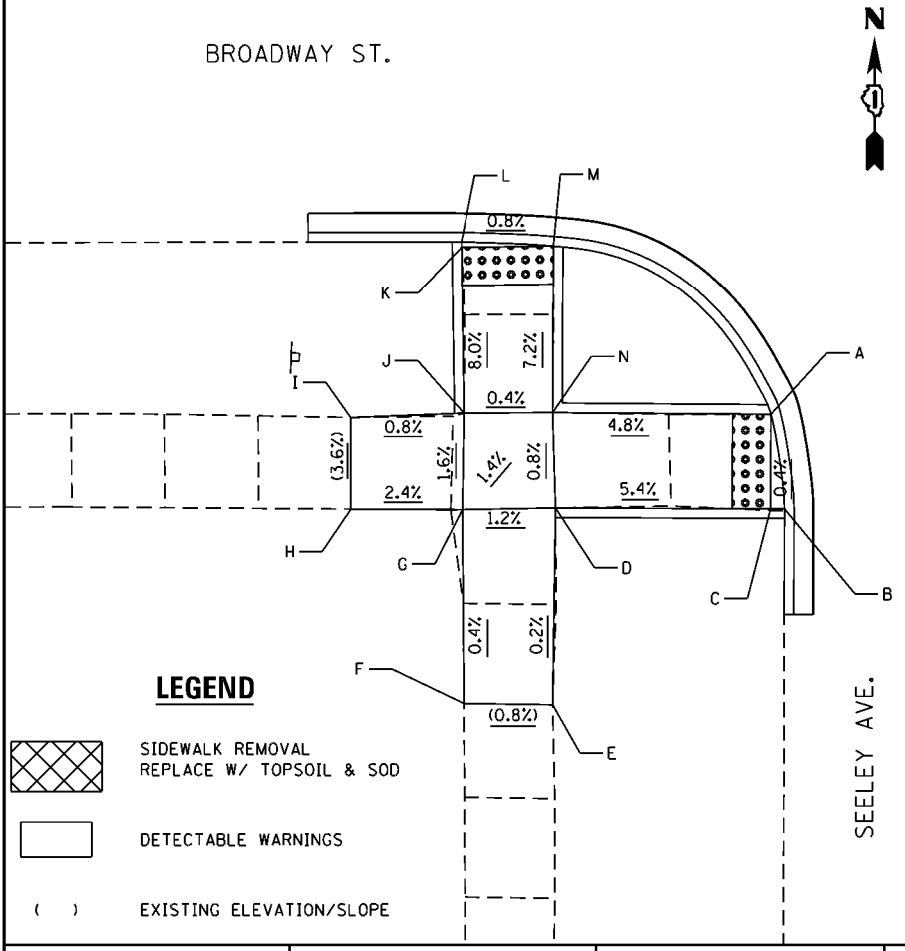
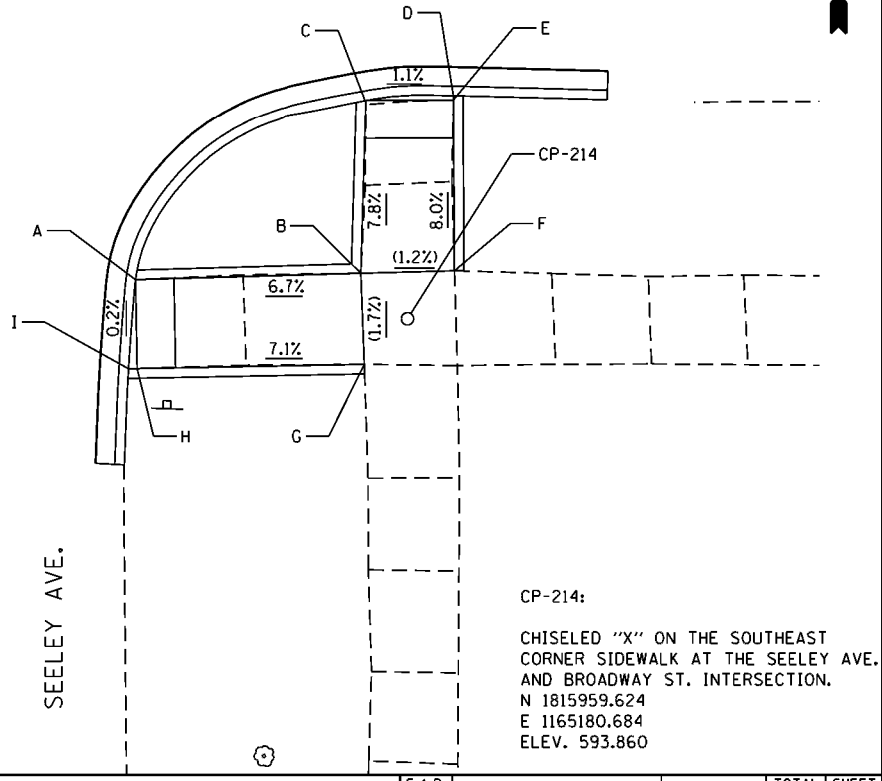


BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	13 CU YD
TOPSOIL FURNISH AND PLACE, 4"	57 SO YD
SODDING, SALT TOLERANT	57 SO YD
PROTECTIVE COAT	131 SO YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	795 SO FT
DETECTABLE WARNINGS	80 SO FT
SIDEWALK REMOVAL	723 SO FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	155 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	89 SO YD

SE RAMP

POINT	COORDINATES	ELEVATION
A	N=1815961.1890 E=1165166.4128	592.94
B	N=1815961.9080 E=1165178.1750	(593.73)
C	N=1815970.8310 E=1165178.1400	593.03
D	N=1815971.3379 E=1165182.6864	593.08
E	N=1815971.1180 E=1165182.6950	593.08
F	N=1815962.1990 E=1165183.0420	(593.79)
G	N=1815957.1840 E=1165178.5130	(593.81)
H	N=1815956.5718 E=1165166.6511	592.96
I	N=1815956.5490 E=1165166.2001	592.95



SW RAMP

POINT	COORDINATES	ELEVATION
A	N=1815960.6957 E=1165140.1749	592.99
B	N=1815955.8020 E=1165141.0400	592.97
C	N=1815955.7812 E=1165140.3164	592.98
D	N=1815955.4590 E=1165129.1230	593.58
E	N=1815945.2280 E=1165129.3110	(593.56)
F	N=1815945.1431 E=1165124.6570	(593.60)
G	N=1815955.2114 E=1165124.2518	593.64
H	N=1815955.0474 E=1165118.4369	(593.78)
I	N=1815959.8070 E=1165118.2590	(593.61)
J	N=1815960.2280 E=1165124.1660	593.56
K	N=1815968.8770 E=1165123.7565	592.87
L	N=1815969.1599 E=1165123.7431	592.87
M	N=1815969.0753 E=1165129.0652	592.91
N	N=1815960.4070 E=1165128.8080	593.54

LEGEND

SIDEWALK REMOVAL
 REPLACE W/ TOPSOIL & SOD
 DETECTABLE WARNINGS
 () EXISTING ELEVATION/SLOPE

CP-214:
 CHISELED "X" ON THE SOUTHEAST
 CORNER SIDEWALK AT THE SEELEY AVE.
 AND BROADWAY ST. INTERSECTION.
 N 1815959.624
 E 1165180.684
 ELEV. 593.860



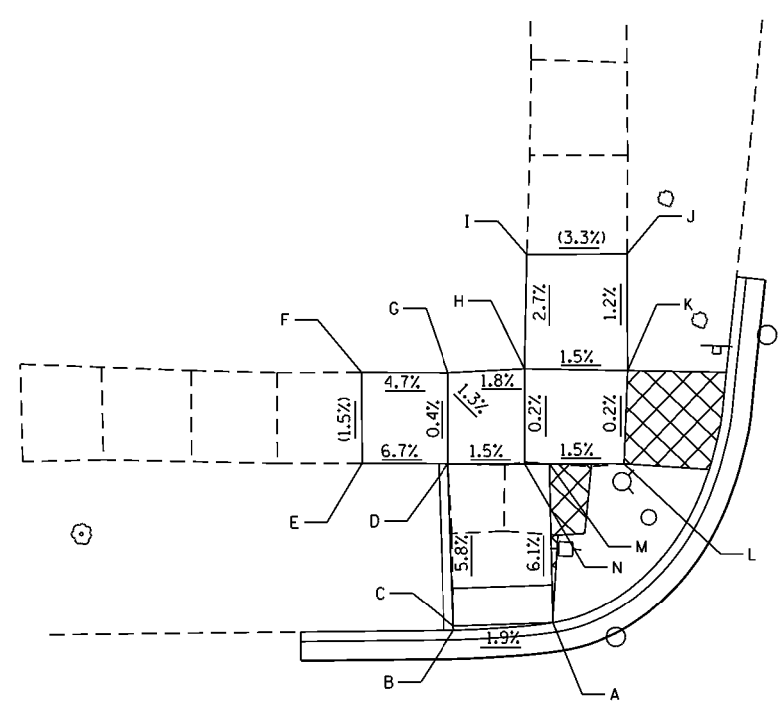
USER NAME = gorenautob	DESIGNED - PP	REVISED - _____
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED - _____
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED - _____
	DATE - 10/24/2016	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - SEELEY AVE.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 1596	SECTION 2016-03ORS	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 29
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				



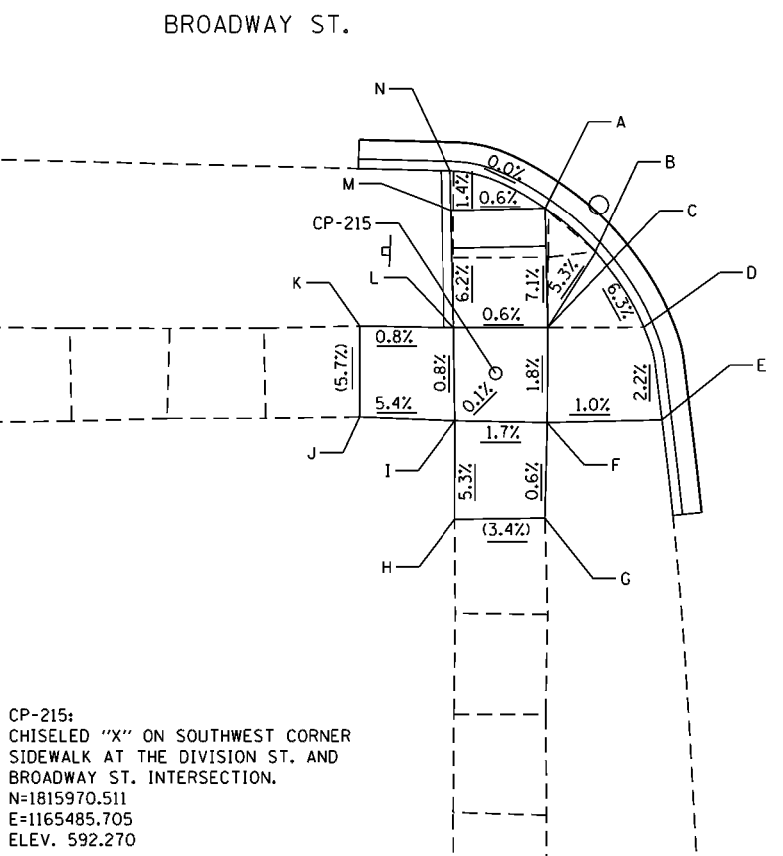
DIVISION ST.
N

NW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1816025.5930 E=1165483.2700	591.86
B	N=1816024.9820 E=1165478.1040	591.96
C	N=1816025.2051 E=1165478.0873	591.96
D	N=1816033.6810 E=1165477.4530	592.45
E	N=1816033.5260 E=1165472.9570	(592.75)
F	N=1816038.2370 E=1165472.7370	(592.68)
G	N=1816038.4120 E=1165477.2650	592.47
H	N=1816038.7840 E=1165481.2470	592.40
I	N=1816044.7310 E=1165481.1250	(592.56)
J	N=1816044.9739 E=1165486.3350	(592.39)
K	N=1816038.9100 E=1165486.6160	592.32
L	N=1816034.0590 E=1165486.6290	592.31
M	N=1816033.8991 E=1165482.7467	592.37
N	N=1816033.8460 E=1165481.4586	592.39

BROADWAY ST.

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	5 CU YD
TOPSOIL FURNISH AND PLACE, 4"	14 SQ YD
SODDING, SALT TOLERANT	14 SQ YD
PROTECTIVE COAT	50 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	306.5 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	330 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	65 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	35 SQ YD
AGGREGATE SHOULDER, TYPE A, 6"	1 SQ YD



DIVISION ST.
N

SW RAMP		
POINT	COORDINATES	ELEVATION
A	N=1815979.2182 E=1165487.9297	591.76
B	N=1815977.0040 E=1165490.6151	591.95
C	N=1815973.0016 E=1165488.3204	592.20
D	N=1815973.2208 E=1165493.3141	592.24
E	N=1815968.4486 E=1165494.4553	592.35
F	N=1815968.0398 E=1165488.5561	592.29
G	N=1815963.0960 E=1165488.5760	(592.32)
H	N=1815962.8390 E=1165483.8780	(592.48)
I	N=1815967.9610 E=1165483.6800	592.21
J	N=1815967.9530 E=1165478.6790	(592.48)
K	N=1815972.6760 E=1165478.4850	(592.21)
L	N=1815972.7860 E=1165483.4100	592.17
M	N=1815978.9091 E=1165483.0242	591.79
N	N=1815980.9764 E=1165482.8939	591.76

CP-215:
CHISELED "X" ON SOUTHWEST CORNER SIDEWALK AT THE DIVISION ST. AND BROADWAY ST. INTERSECTION.
N=1815970.511
E=1165485.705
ELEV. 592.270

LEGEND

- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE

FILE NAME = p:\116084EBID\INTEG\Illinois.gov\1001\Documents\1001\Offices\District\Projects\116\Consult\MapData\Accurate_Group\CADD_Sheets\1162264-Sht-ADA 16_Division_St.dgn



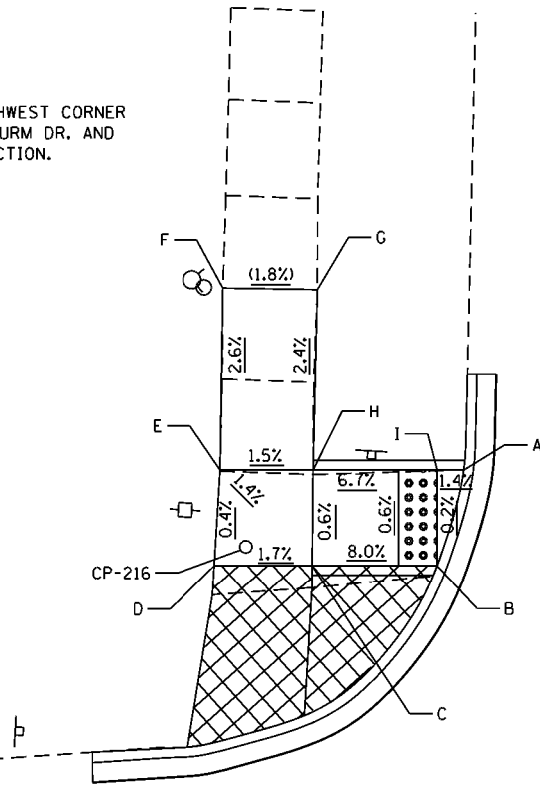
USER NAME = gorenautab	DESIGNED - PP	REVISED -
PLOT SCALE = 28.0006' / in.	DRAWN - GDC	REVISED -
PLOT DATE = 10/24/2016	CHECKED - TGM	REVISED -
	DATE - 10/24/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - DIVISION ST.
BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	30
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				

CP-216:
CHISELED "X" ON NORTHWEST CORNER
SIDEWALK AT THE AULWURM DR. AND
BROADWAY ST. INTERSECTION.
N=1816062.658
E=1165849.323
ELEV. 590.910



AULWURM DR.

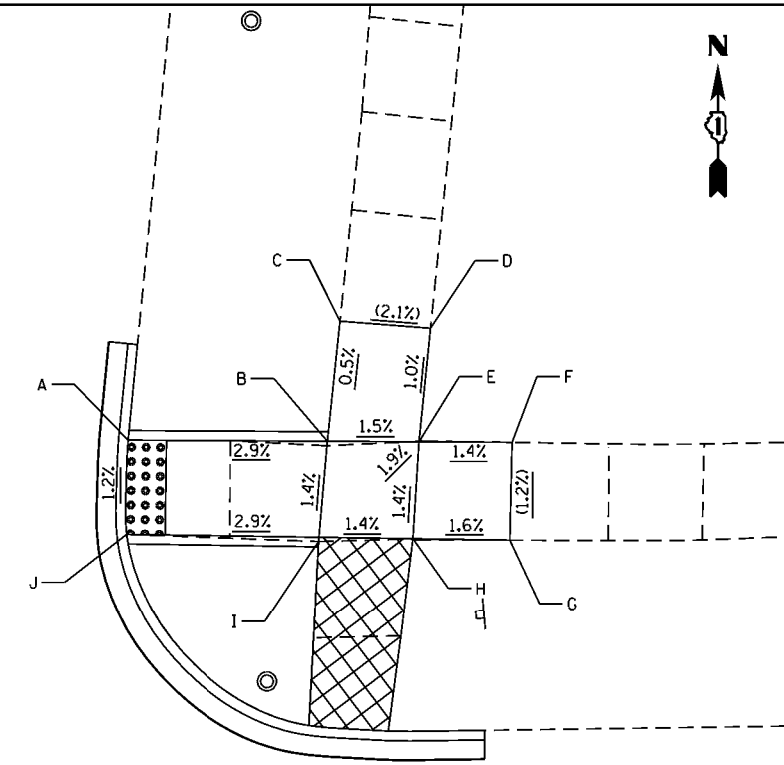
NW RAMP

POINT	COORDINATES	ELEVATION
A	N=1816067.1994 E=1165860.5026	590.26
B	N=1816062.1263 E=1165859.4143	590.25
C	N=1816061.7423 E=1165852.9217	590.77
D	N=1816061.4405 E=1165847.8197	590.85
E	N=1816066.4500 E=1165847.8320	590.87
F	N=1816075.9110 E=1165847.4190	(591.12)
G	N=1816076.1200 E=1165852.3440	(591.03)
H	N=1816066.7363 E=1165852.6731	590.80
I	N=1816067.1177 E=1165859.1216	590.28

NE RAMP

POINT	COORDINATES	ELEVATION
A	N=1816072.8336 E=1165890.2245	590.20
B	N=1816074.2087 E=1165900.5572	590.50
C	N=1816080.4915 E=1165900.3484	(590.53)
D	N=1816080.7730 E=1165905.0694	(590.63)
E	N=1816074.8382 E=1165905.2877	590.57
F	N=1816075.4774 E=1165910.0916	(590.64)
G	N=1816070.4141 E=1165910.6770	(590.58)
H	N=1816069.7961 E=1165905.6670	590.50
I	N=1816069.1966 E=1165900.8076	590.43
J	N=1816067.9655 E=1165890.8278	590.14

AULWURM DR.



BROADWAY ST.

BILL OF MATERIAL

ITEM	QUANTITY
EARTH EXCAVATION	4 CU YD
TOPSOIL FURNISH AND PLACE, 4"	39 SQ YD
SODDING, SALT TOLERANT	39 SQ YD
PROTECTIVE COAT	46 SQ YD
PORTLAND CEMENT CONCRETE SIDEWALK 5"	254 SQ FT
DETECTABLE WARNINGS	20 SQ FT
SIDEWALK REMOVAL	364 SQ FT
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	68 FOOT
AGGREGATE BASE COURSE, TYPE B 4"	29 SQ YD

LEGEND

- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE

FILE NAME = p:\116084EBID\INTEC\Illinois.gov\1001\Documents\1001\Offices\District\Projects\116\116\Consult\MapData\Accurate Group\CADD Sheets\1162264-Sht-ADA 17 Aulwurm Dr.dgn

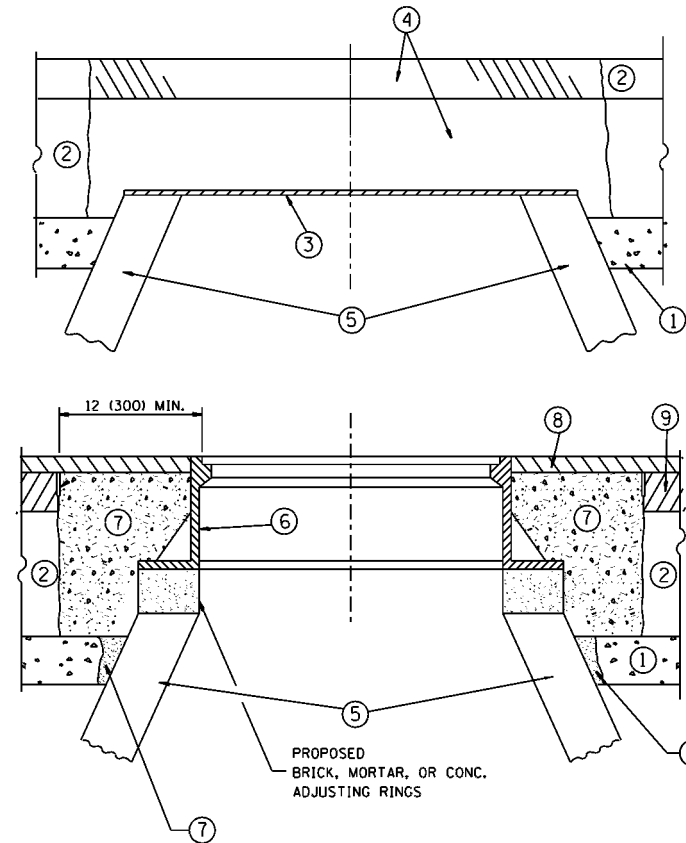


USER NAME = gorengautab	DESIGNED - PP	REVISED -
	DRAWN - GDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 10/24/2016	DATE - 10/24/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMPS - AULWURM DR. BROADWAY ST. - FRANCISCO ST. TO ASHLAND AVE.	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	31
CONTRACT NO. 62C64				
ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

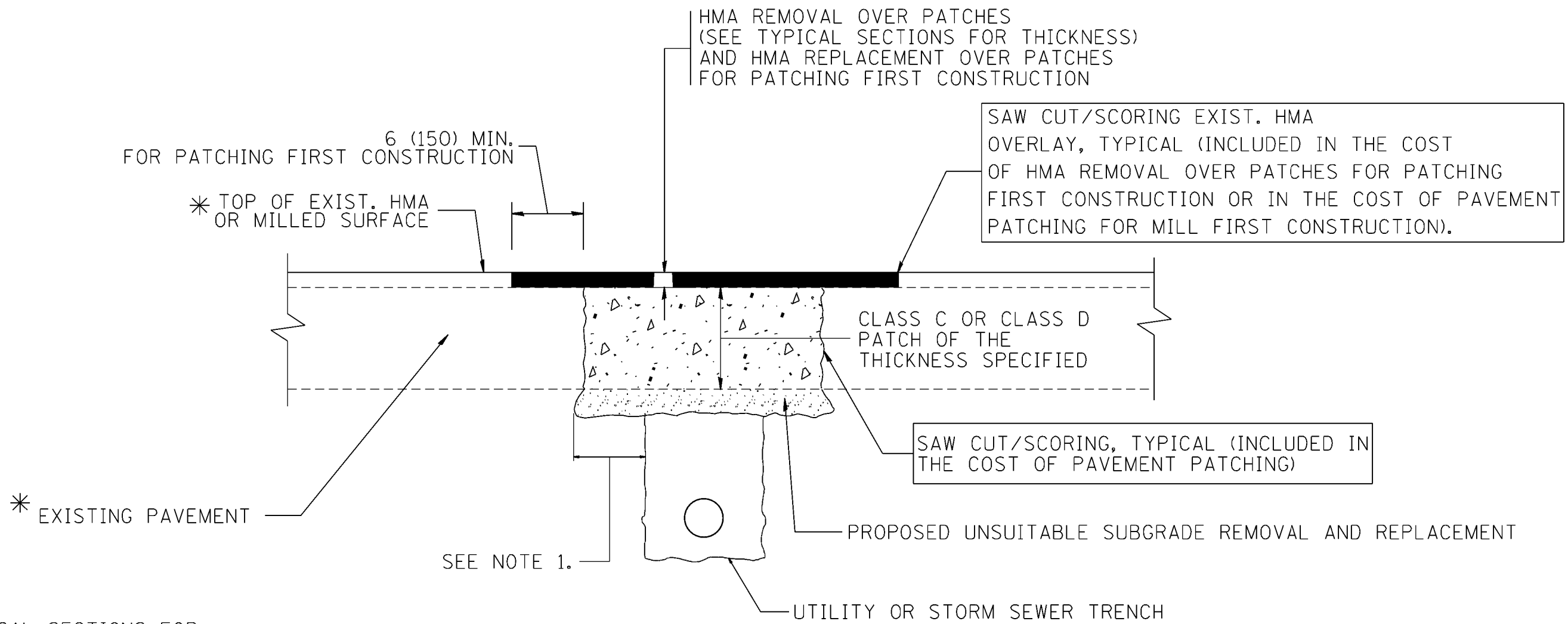
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = gorengetab	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw\l\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\13715\084EBID\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
			REVISED - R. BORO 03-09-11
			REVISED - R. BORO 12-06-11
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	
	PLOT DATE = 10/18/2016	DATE - 10-25-94	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	32
BD600-03 (BD-8)		CONTRACT NO. 62C64		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = gorengetab	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\13715\13715.dwg	10/18/2016	CHECKED -	REVISED - R. BORO 01-01-07					1596	2016-030RS	COOK	45	33
PLOT SCALE = 100.0000' / 1IN.	DATE - 10-25-94	REVISED - R. BORO 09-04-07	REVISED - K. ENG 10-27-08		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-04 (BD-22) CONTRACT NO. 62C64		
PLOT DATE = 10/18/2016					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

* 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.

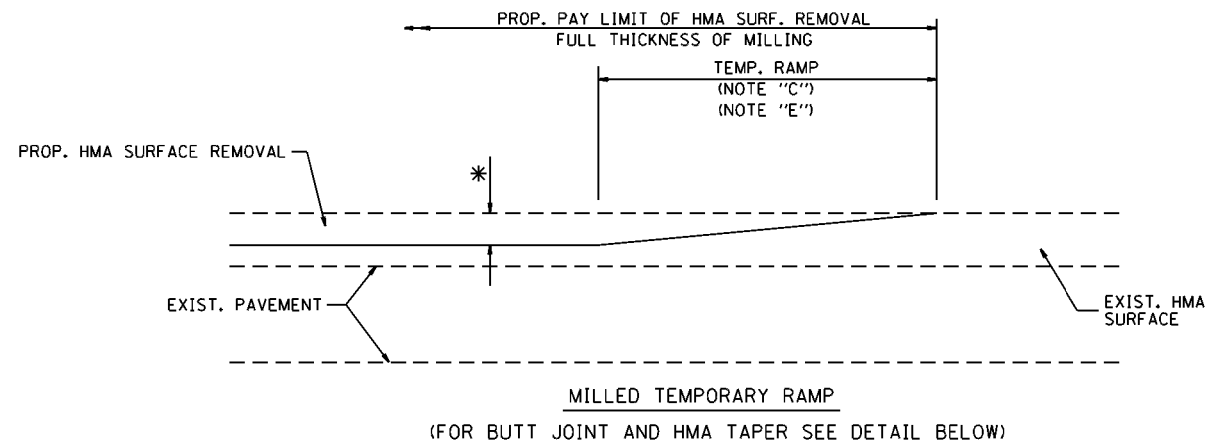
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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.

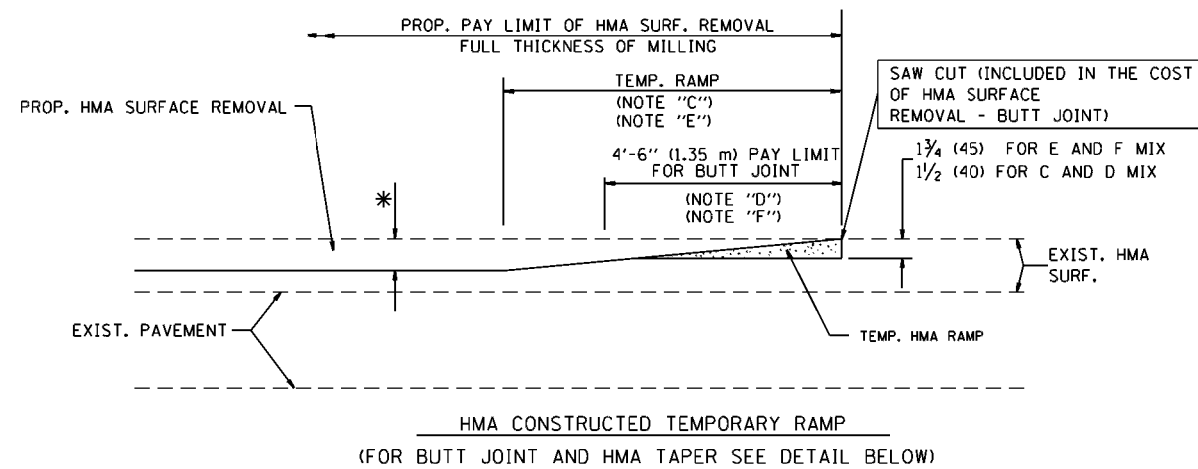
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = gorengeautab	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBID\INTEG\Illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\013715\084EBID\Design\Diststd.dgn	PLLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A. ABBAS 03-21-97			1596	2016-030RS	COOK	45	34
PLLOT DATE = 10/18/2016	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 12-15-09			BD600-06 (BD-24)		CONTRACT NO. 62C64		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

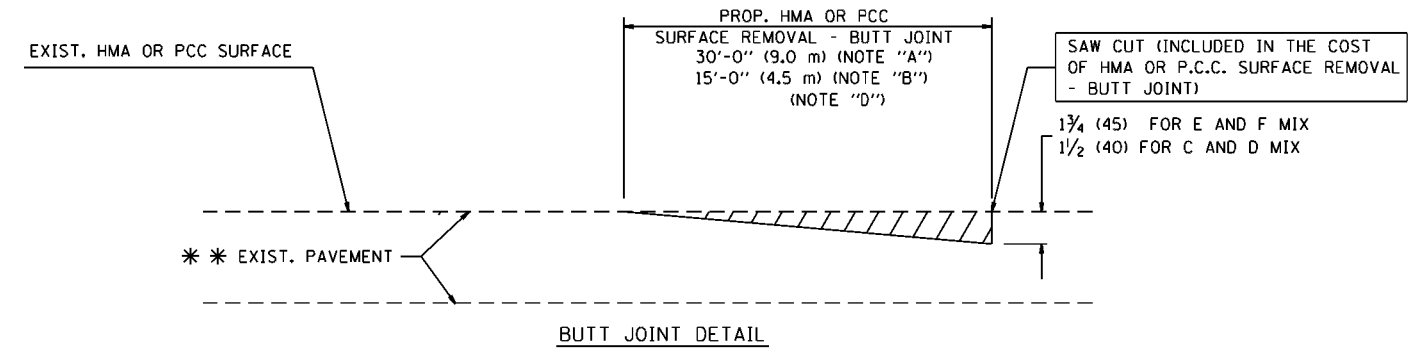


OPTION 1

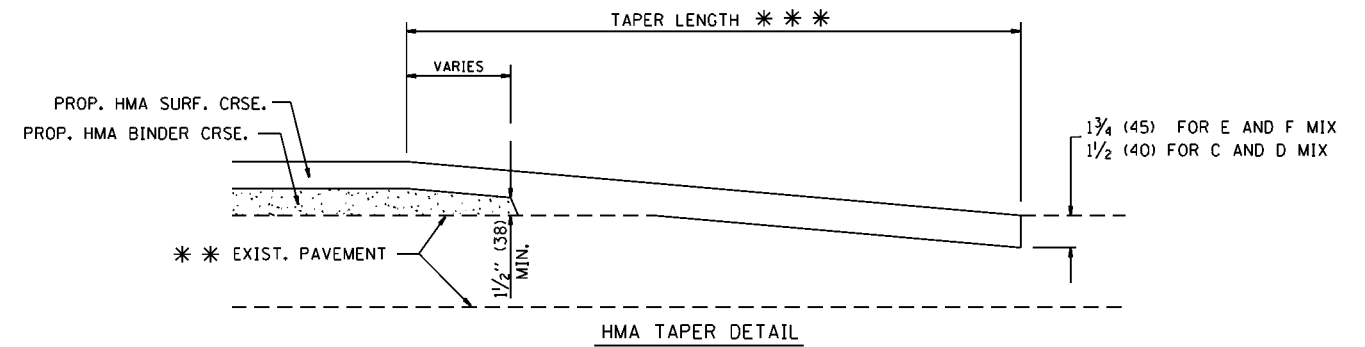


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

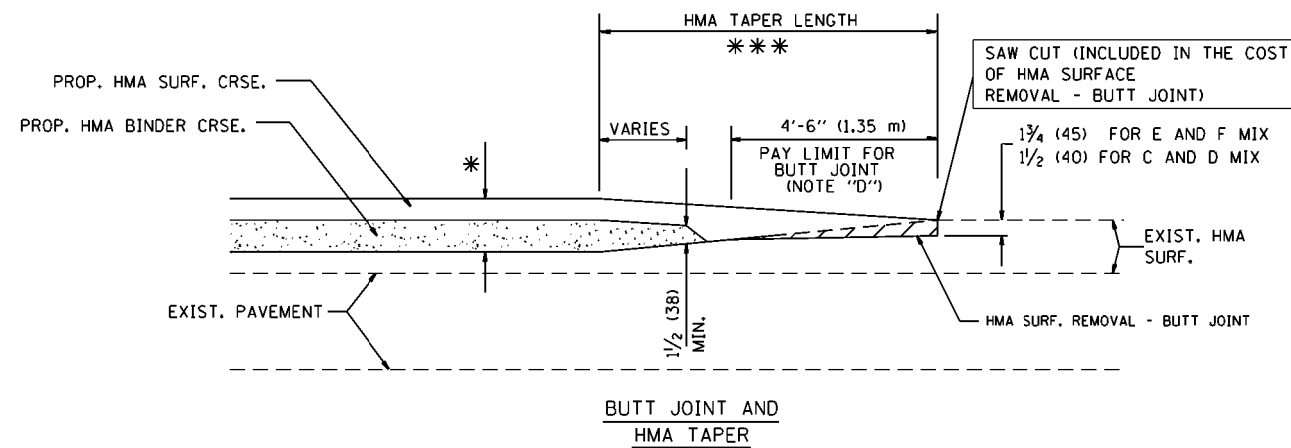
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



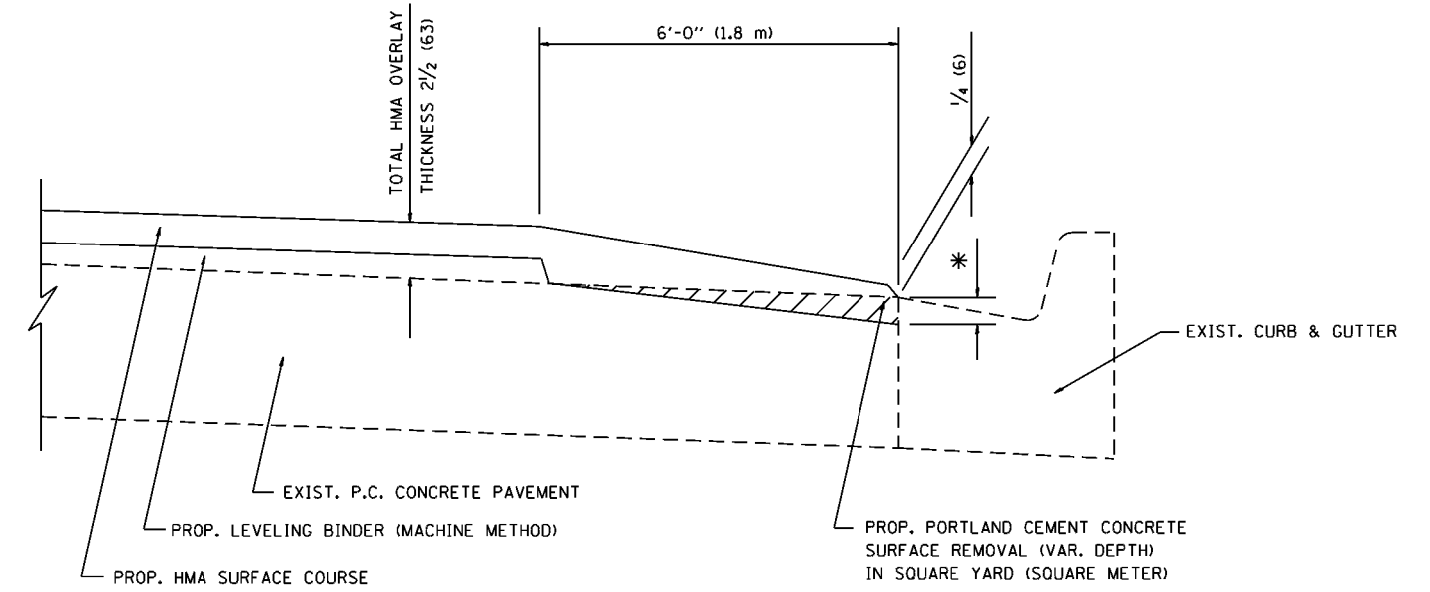
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME =	USER NAME = gorenautob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\IL\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\13715\084EBID\Design\Diststd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 10/18/2016	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-03ORS	COOK	45	35
BD400-05 BD32		CONTRACT NO. 62C64		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

HMA SURFACE	THICKNESS	LEVELING BINDER	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1	(25)	1/4 (33)
E	1 3/4 (44)	3/4	(19)	1/2 (38)

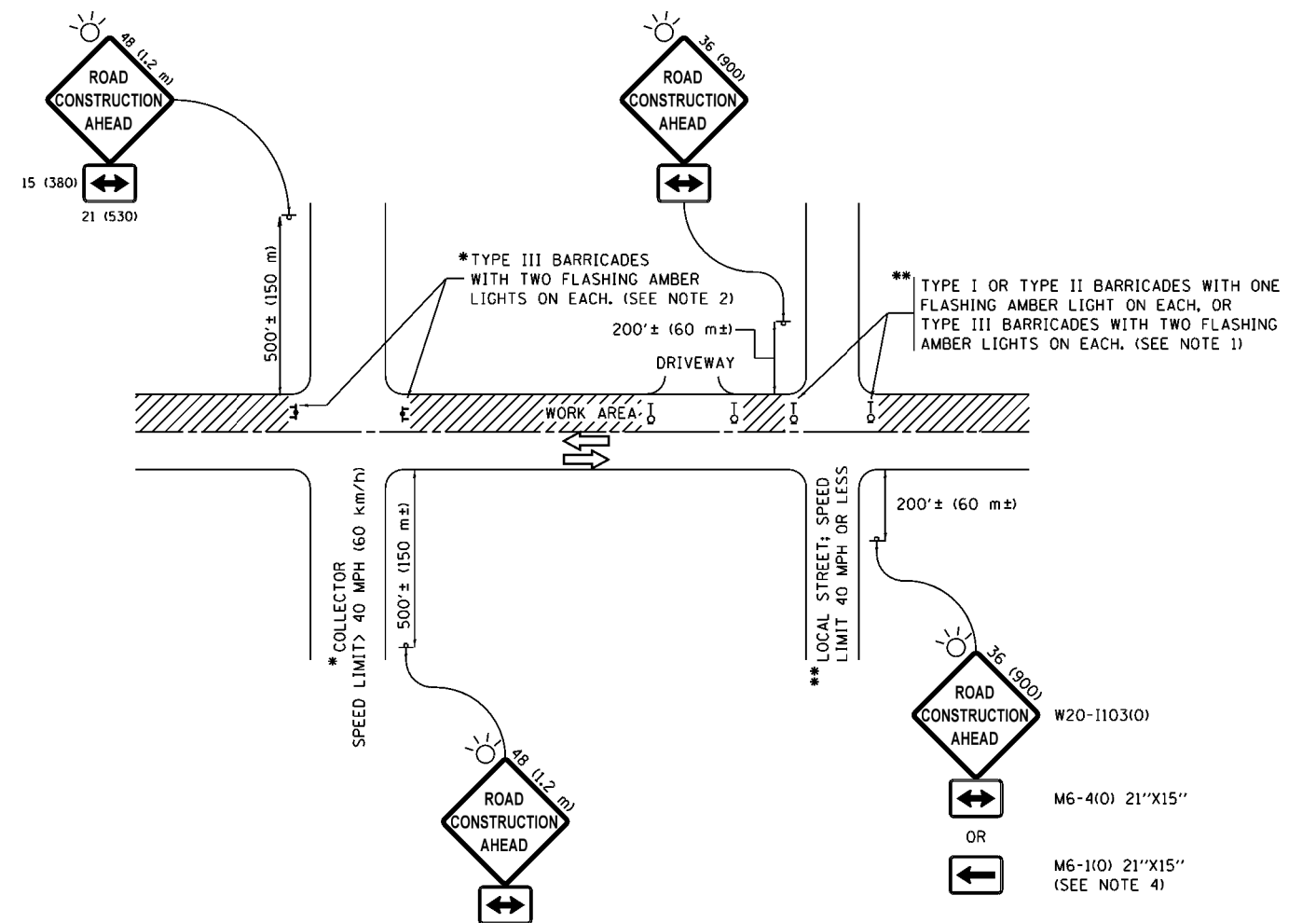
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gorengautab	DESIGNED - R. SHAH	REVISED - A. ABBAS 05-05-9
pw\l\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI3715\084EBID\Design\DI3715.dgn			REVISED - E. GOMEZ 12-21-00
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - A. ABBAS	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/18/2016	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C. PAVEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030R5	COOK	45	36
BD400-06 (BD33)		CONTRACT NO. 62C64		
ILLINOIS FED. AID PROJECT				



NOTES:

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 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

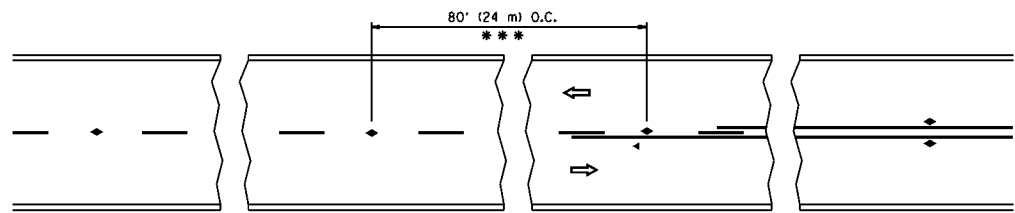
FILE NAME =	USER NAME = gorengetab	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\11084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\1371596\1010\1010\Design\Diststd.dgn			REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 10/18/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

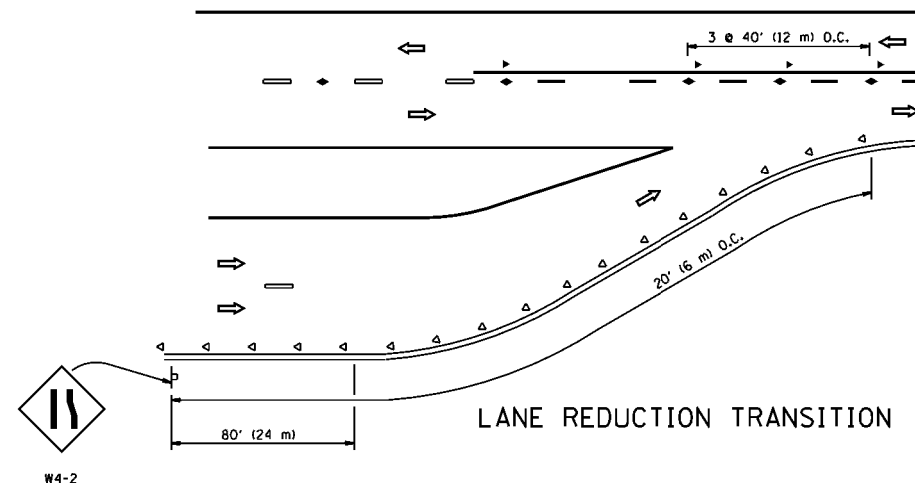
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	37
TC-10			CONTRACT NO. 62C64	
ILLINOIS FED. AID PROJECT				

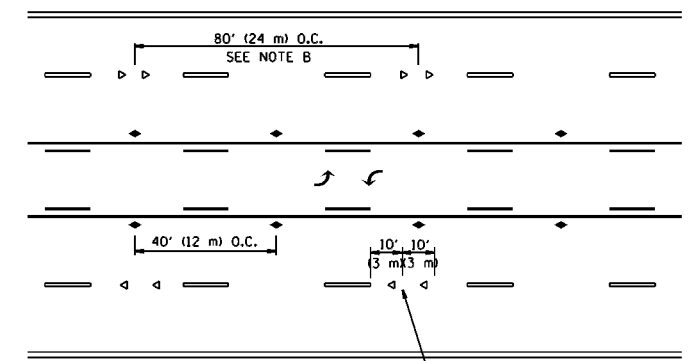


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

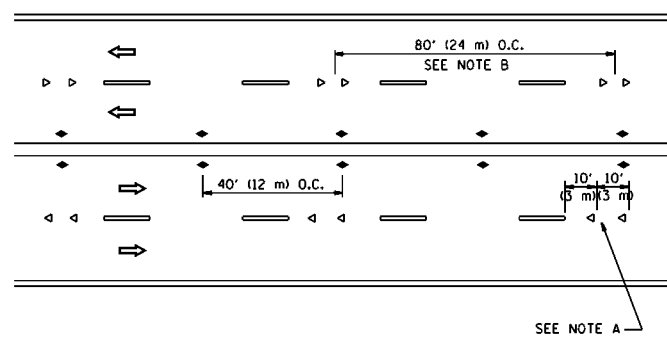
TWO-LANE/TWO-WAY



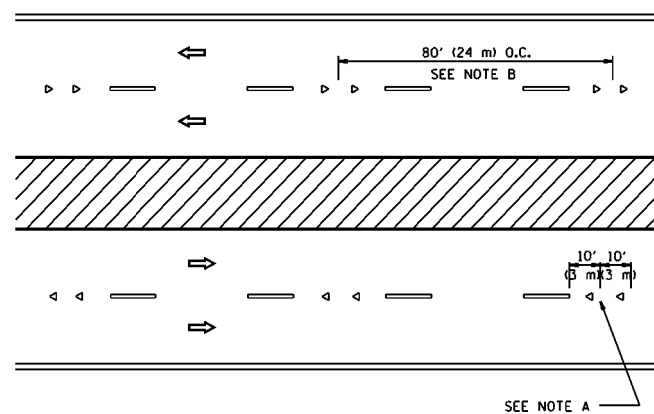
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

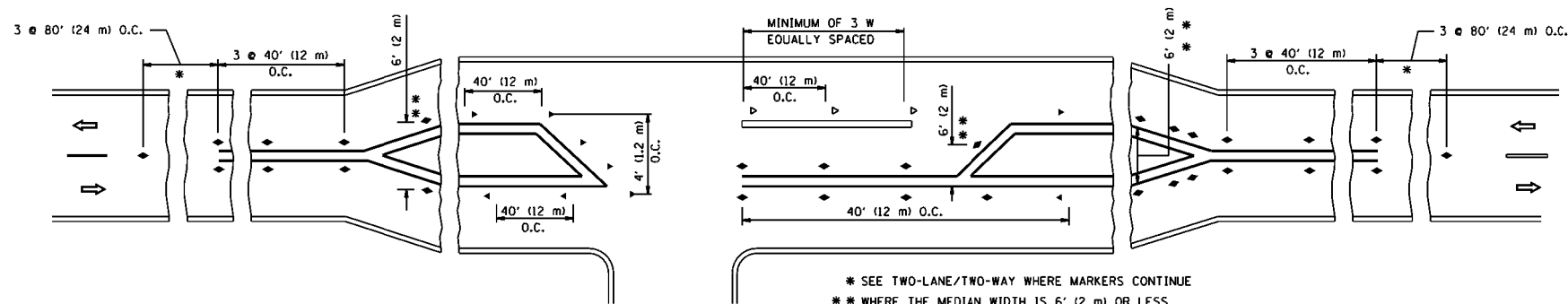
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

FILE NAME =	USER NAME = gorengetab	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084EBID\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\137115\137115-001\Design\Diststd.dgn	PLLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 03-12-99					1596	2016-030R5	COOK	45	38
PLLOT DATE = 10/18/2016	DATE -	REVISED - T. RAMMACHER 01-06-00	REVISED - C. JUCCIUS 09-09-09		TC-11			CONTRACT NO. 62C64				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

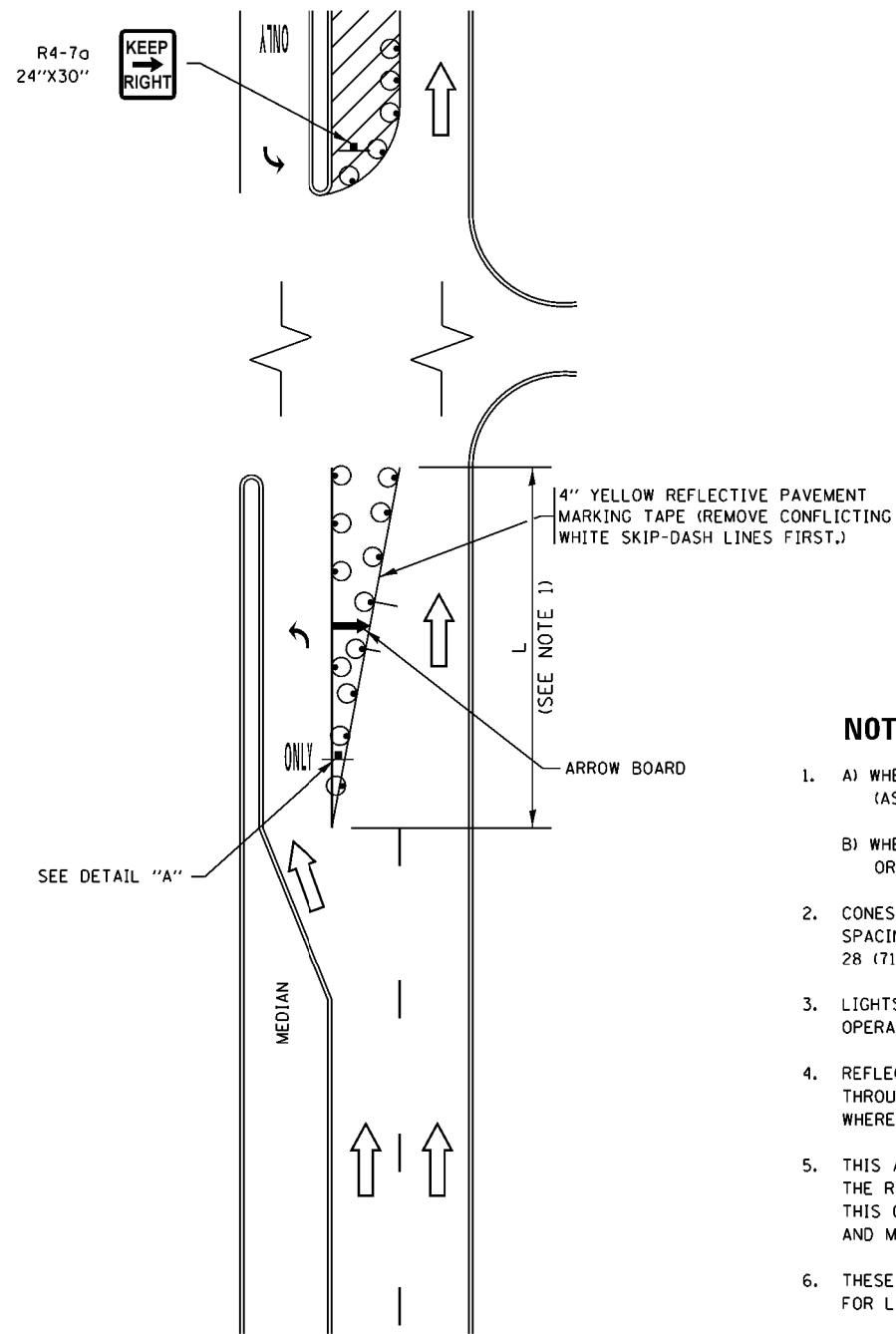


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

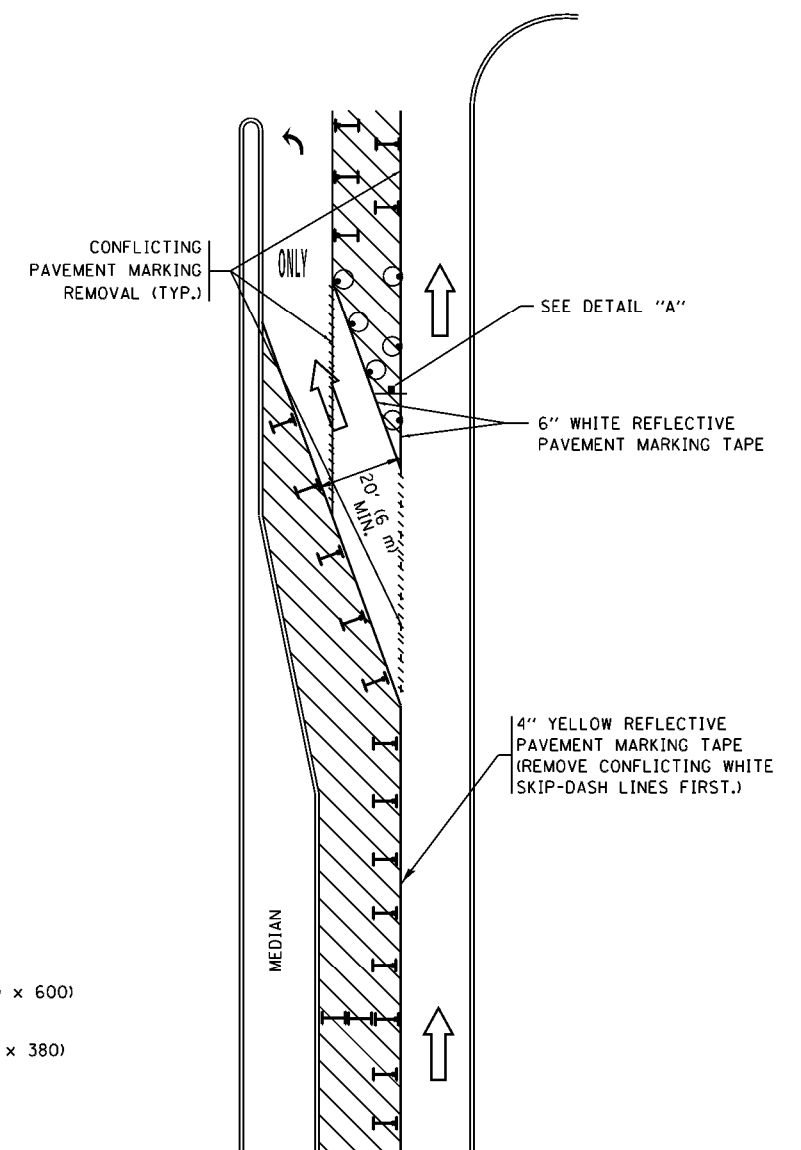


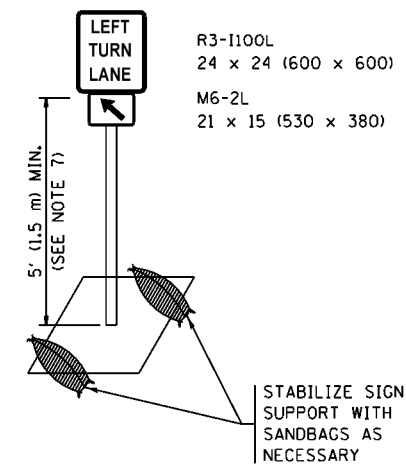
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

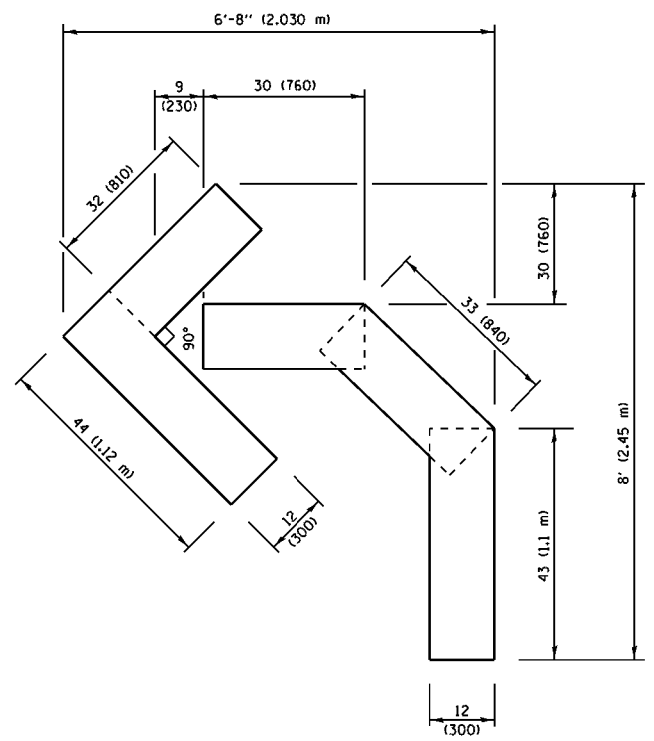
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



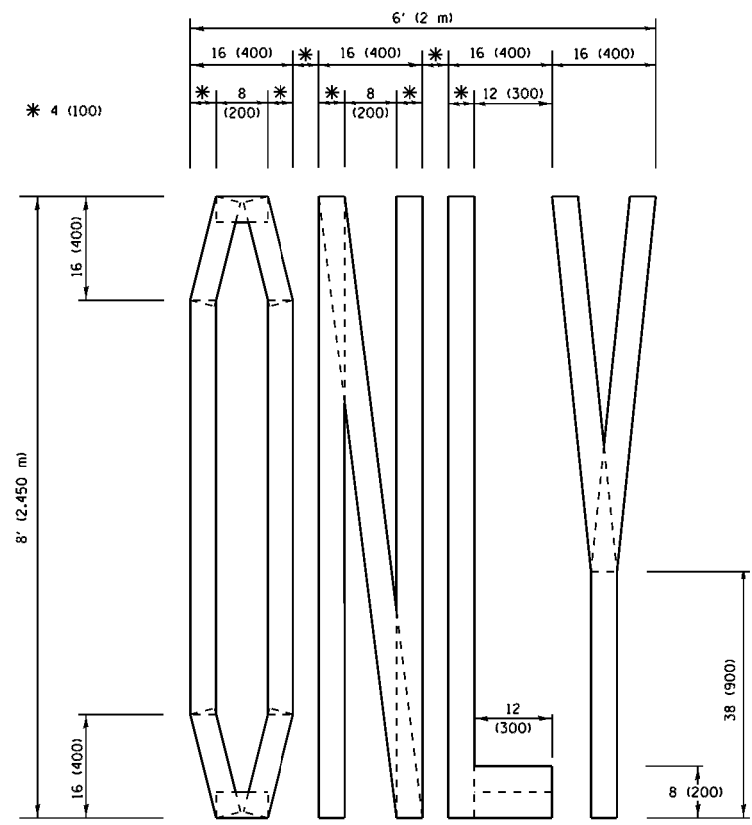
DETAIL A

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

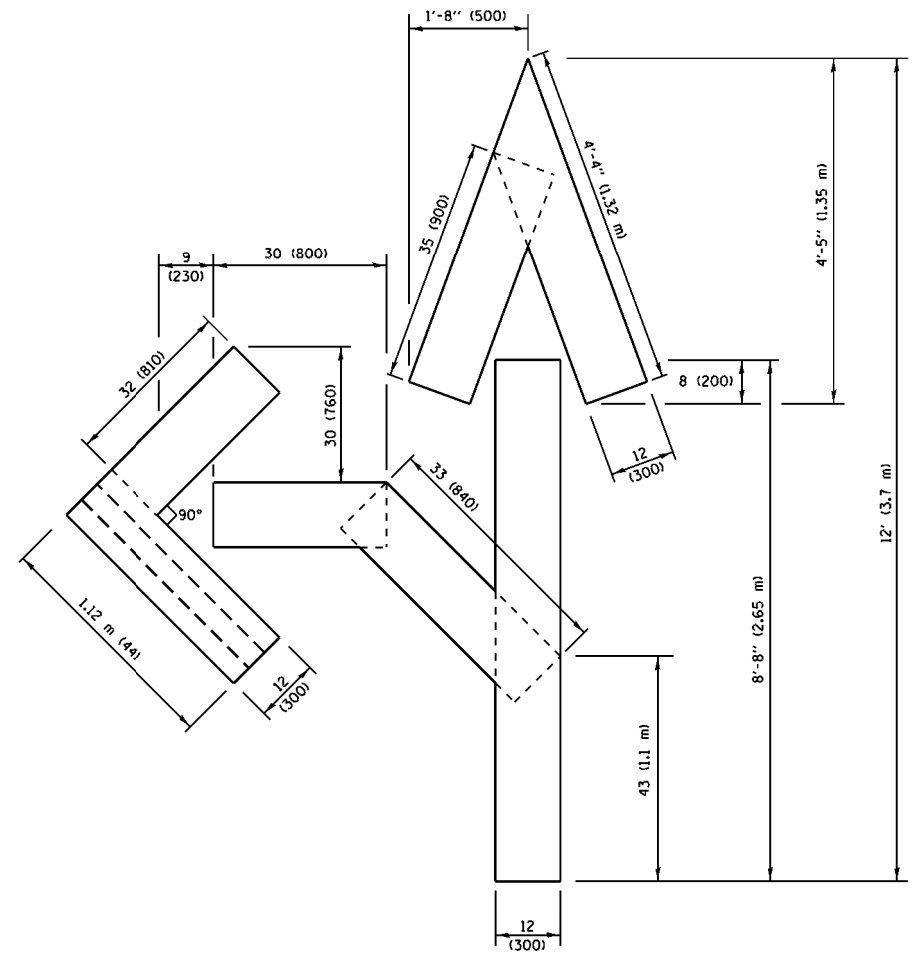
FILE NAME =	USER NAME = gorengetab	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	1596	2016-030RS	COOK	45	40
		REVISED - T. RAMMACHER 01-06-00	REVISED -								TC-14		CONTRACT NO. 62C64		



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

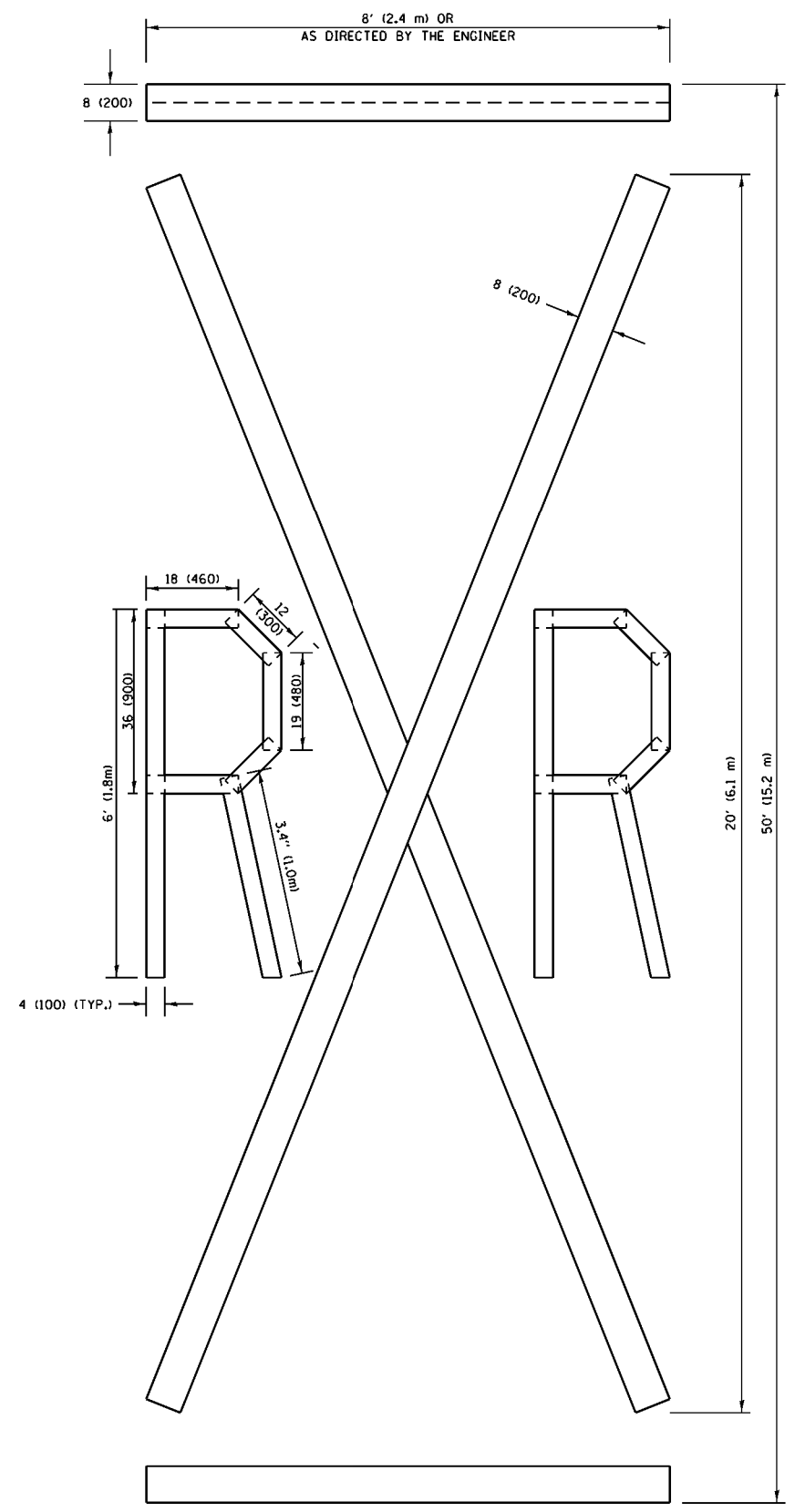


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
 IN LINEAR FEET OF 4" LINES TO MATCH THE
 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
 THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

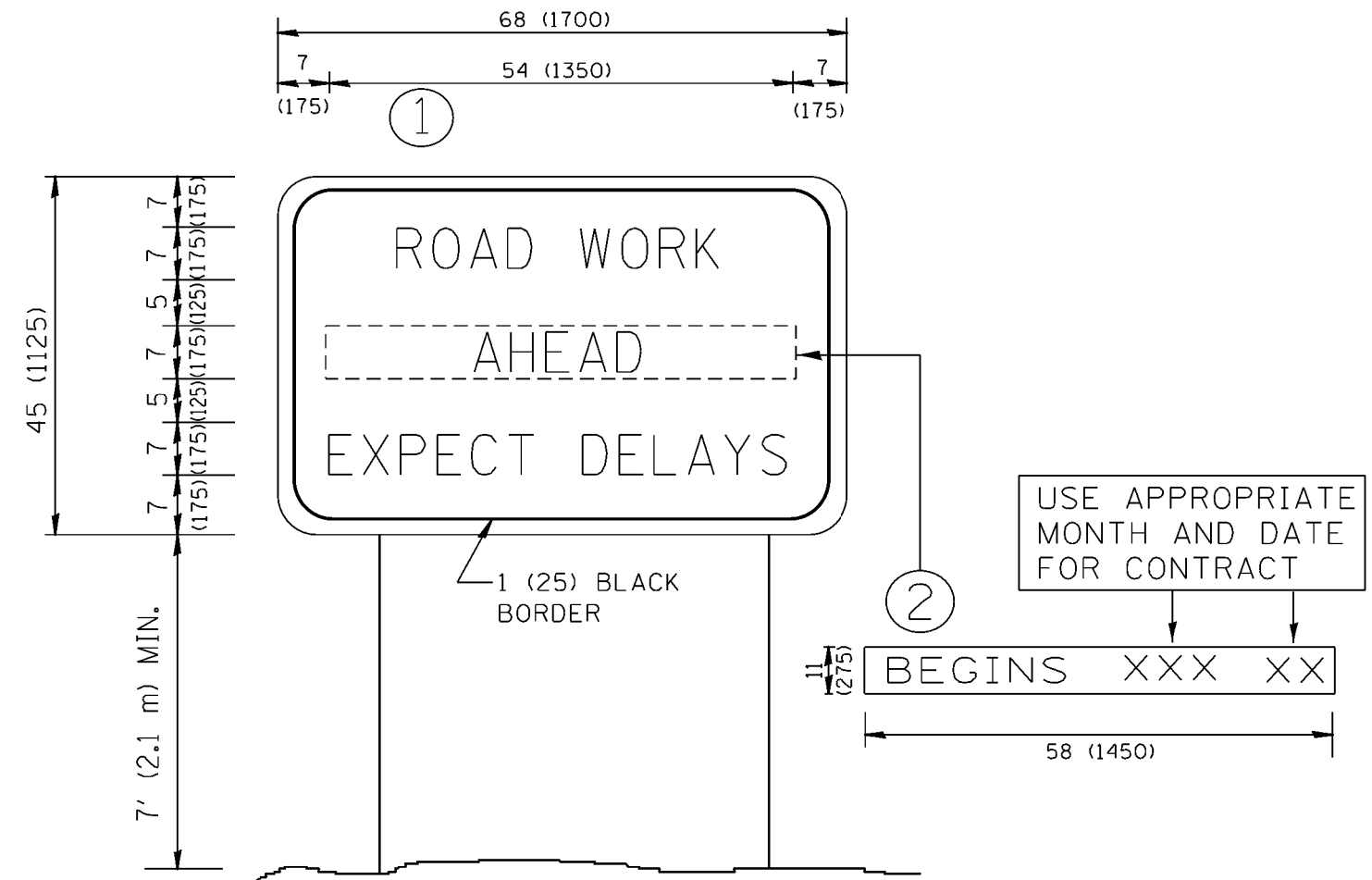
All dimensions are in inches (millimeters)
 unless otherwise shown.

FILE NAME =	USER NAME = gorengetab	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw:\IL\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\0137\BRAND\Notes\Design\Diststd.dgn			REVISED - E. GOMEZ 08-28-00
		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030RS	COOK	45	41
TC-16		CONTRACT NO. 62C64		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

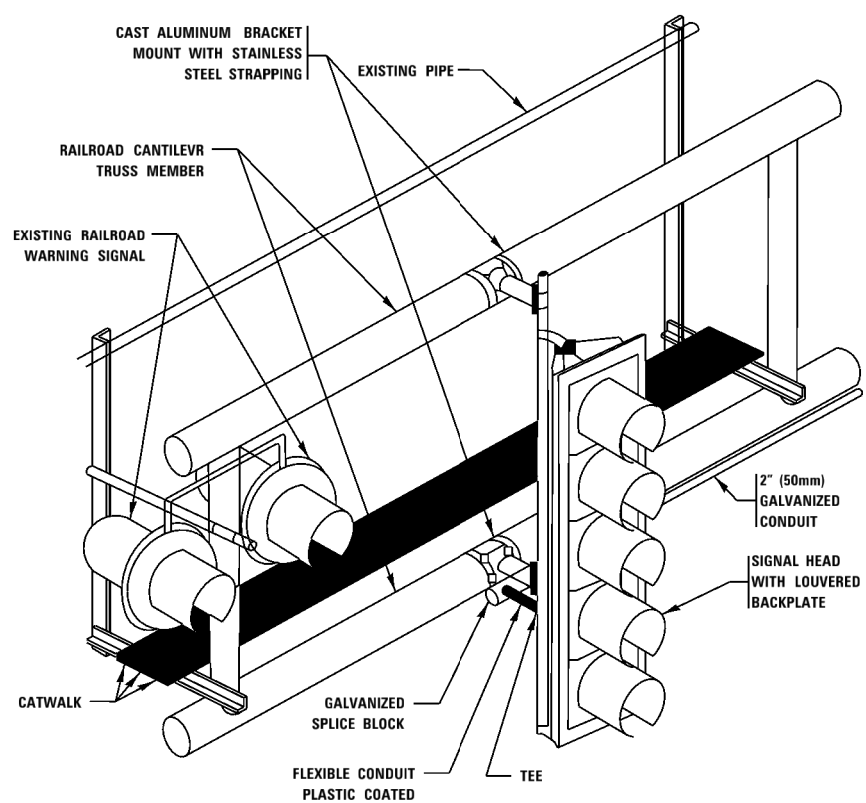
FILE NAME =	USER NAME = gorengeautab	DESIGNED -	REVISED - R. MIRS 09-15-97
pw\ill084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\13715\13715.dwg		DESIGNED -	REVISED - R. MIRS 12-11-97
		CHECKED -	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	2016-030R5	COOK	45	42
TC-22			CONTRACT NO. 62C64	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



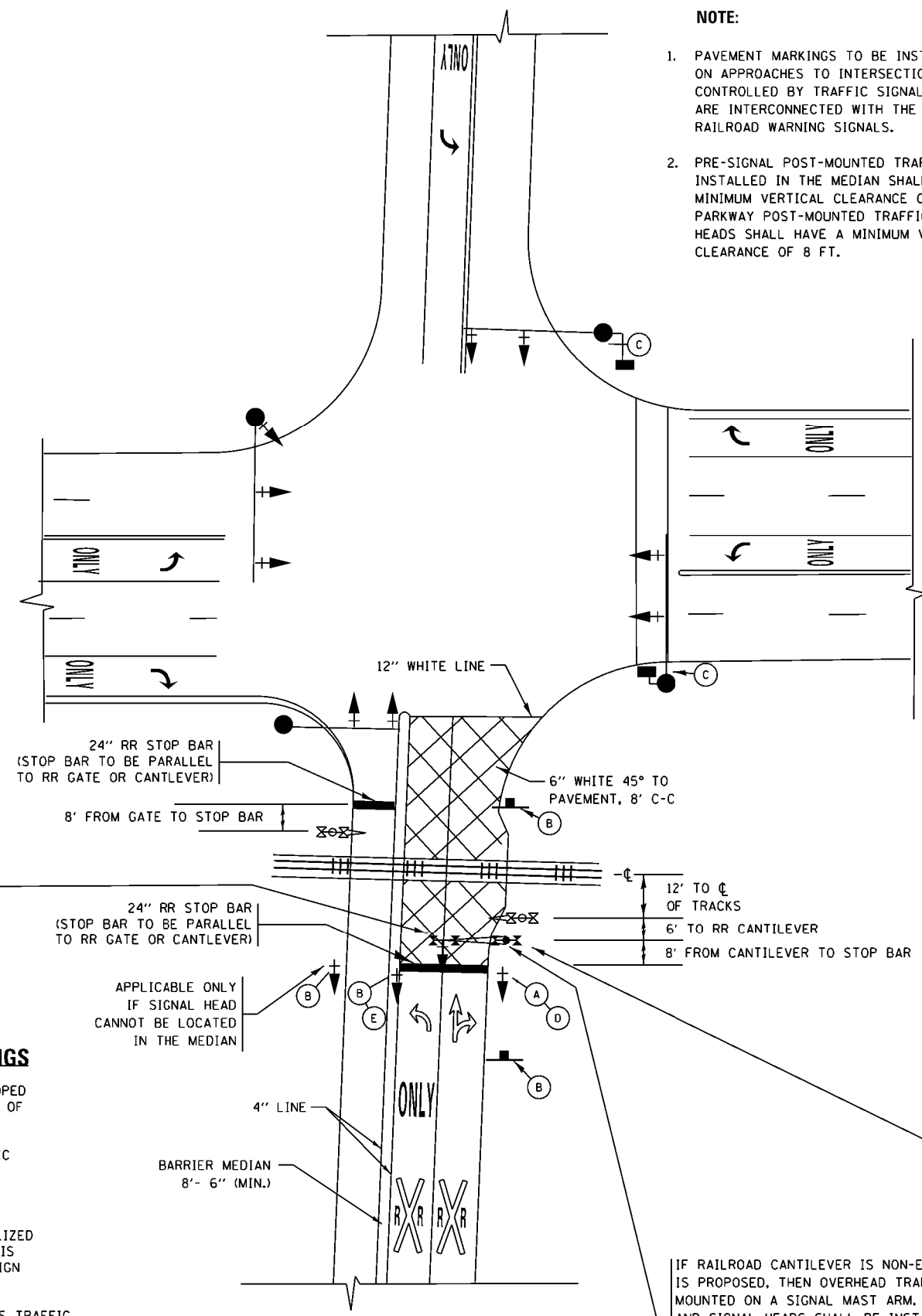
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

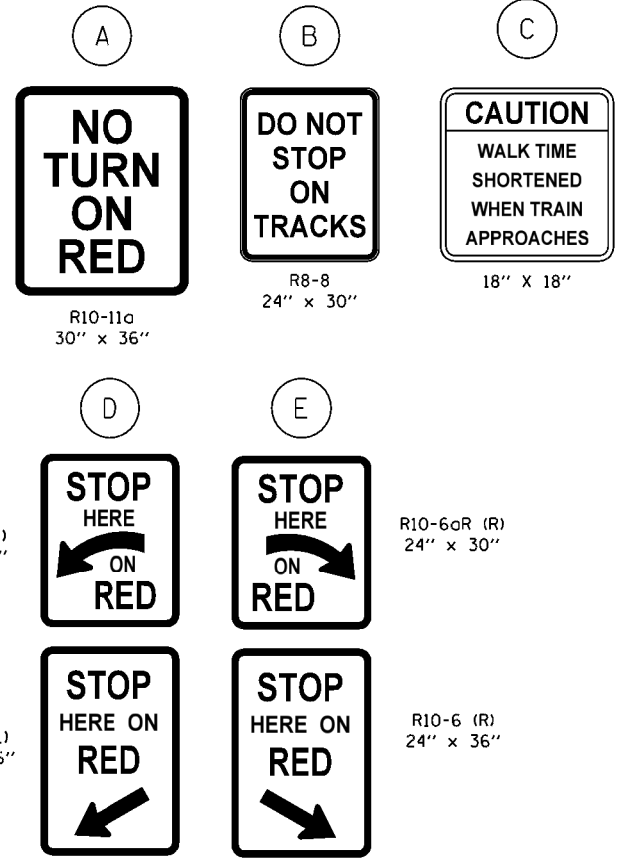
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



R10-11a
30" x 36"

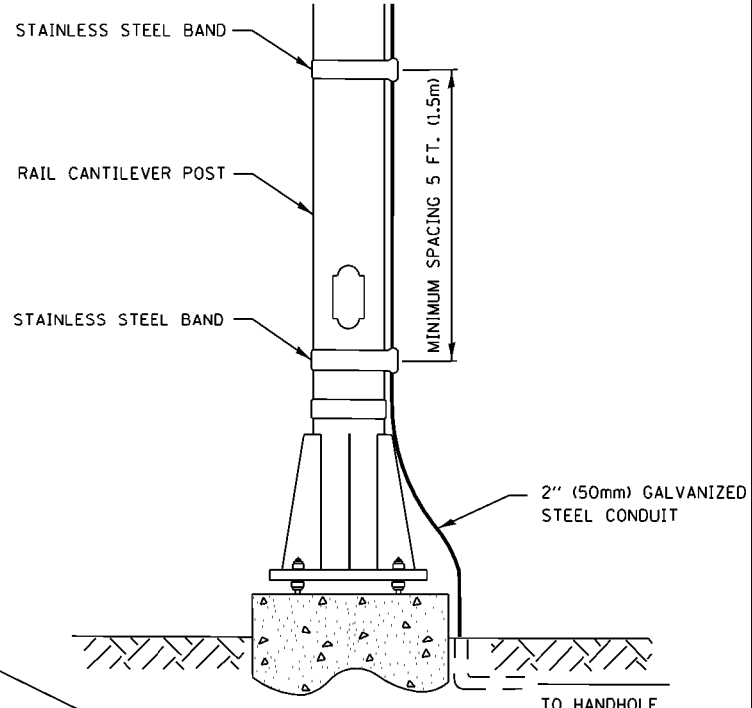
R8-8
24" x 30"

R10-6a (L)
24" x 30"

R10-6aR (R)
24" x 30"

R10-6 (L)
24" x 36"

R10-6 (R)
24" x 36"



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

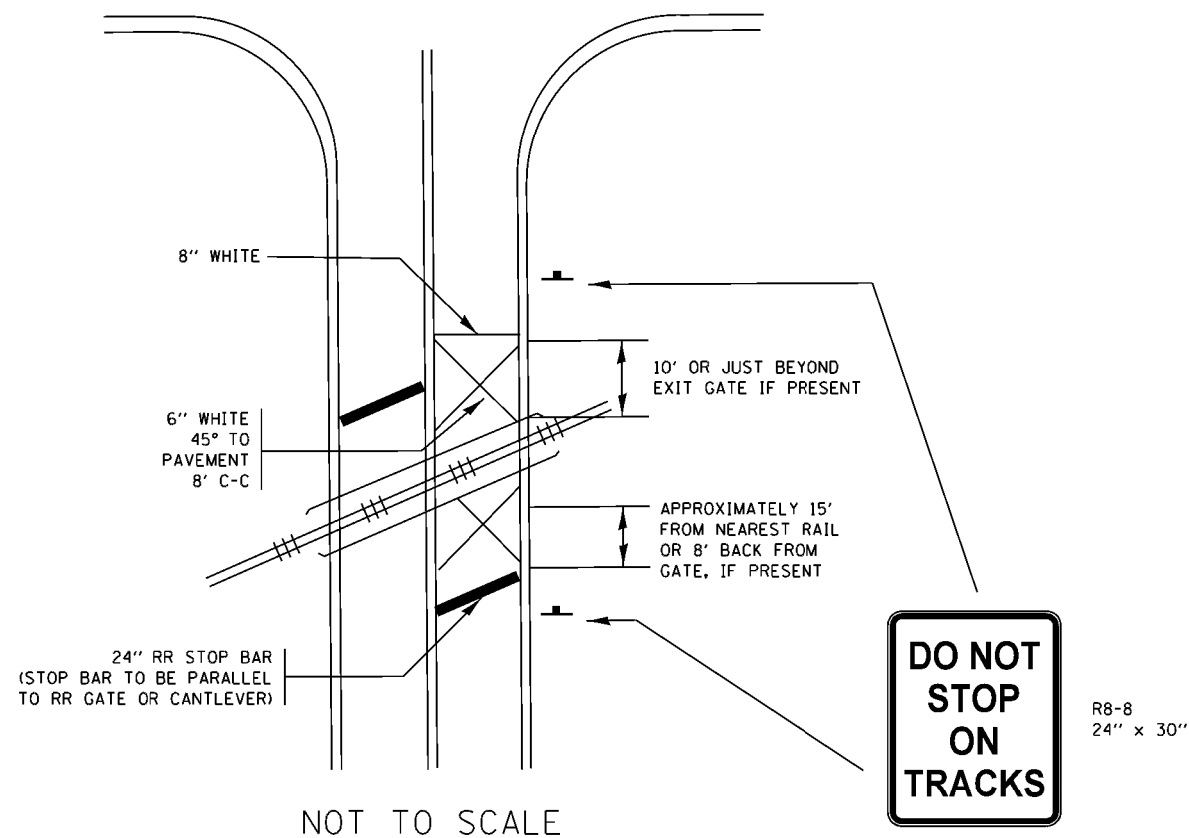
USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

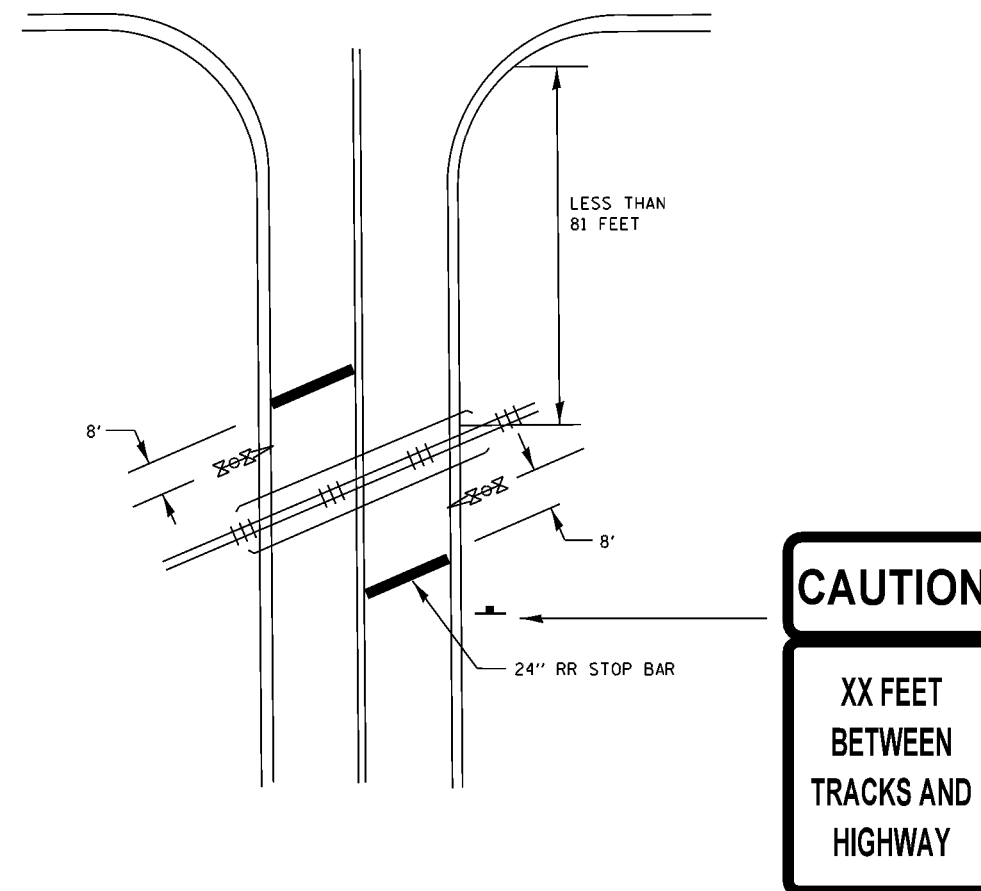
WITH SIGNALIZED INTERSECTION



NOTE:

1. PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



NOTE:

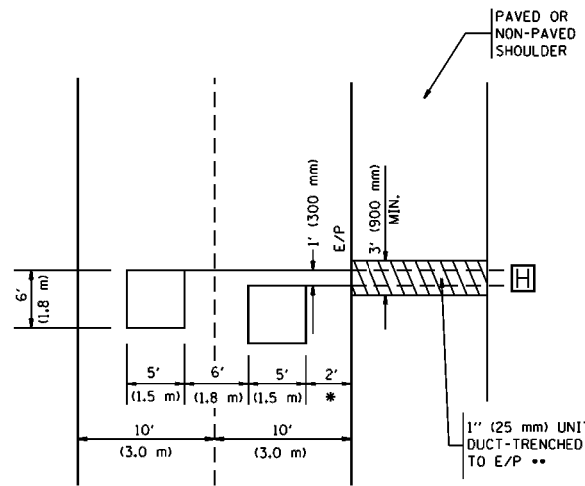
1. DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
2. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = gorenautab	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A.U. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 04-26-12			1596	2016-030R5	COOK	45	44	
			REVISED - A.R. 07-11-16			TC-23		CONTRACT NO. 62C64			
			REVISED -			ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 10/18/2016	DATE -	REVISED -	SCALE: NONE		SHEET 2 OF 2 SHEETS		STA. TO STA.			

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



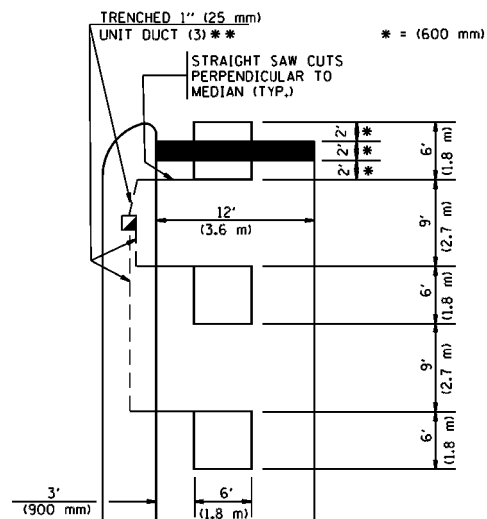
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

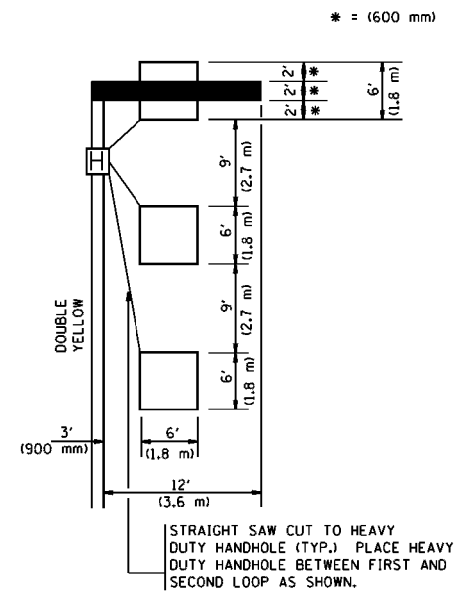


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



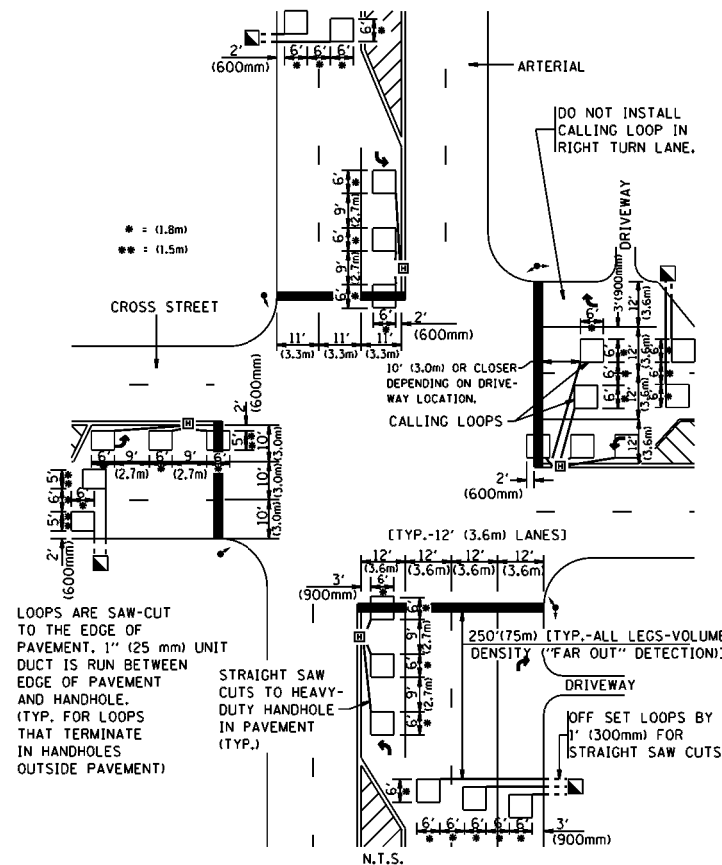
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

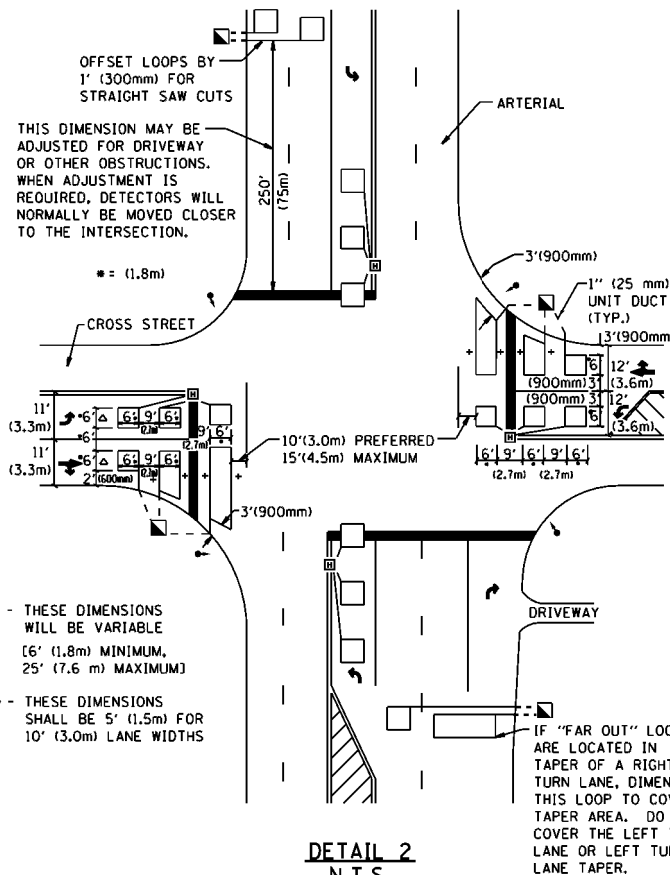
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



DETAIL 1
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = gorenautab	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION		F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\111nois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI3715\084EBID\Design\Diststd.dgn		CHECKED - R.K.F.	REVISED -		DETAILS FOR ROADWAY RESURFACING		1596	2016-030RS	COOK	45	45
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TS-07		CONTRACT NO. 62C64
PLOT DATE = 10/18/2016									FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT