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GENERAL CONSTRUCTION NOTES

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A FIELD OFFICE WITHIN CONTRACT LIMITS ON STATE, ILLINOIS TOLLWAY OR OTHER PUBLIC RIGHT OF WAY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

THE CONTRACTOR’S SUPERINTENDENT OR DESIGNEE MUST BE ON THE CONSTRUCTION SITE DURING THE WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR’S SUPERINTENDENT MUST BE THE DESIGNATED RESPONSIBLE CONTRACTOR REPRESENTATIVE AND MUST BE AVAILABLE IN CASE OF EMERGENCIES ON A TWENTY-FOUR (24) HOUR BASIS.

THE CONTRACTOR MUST COORDINATE OFF-SITE HAUL AND ACCESS ROUTES WITH THE PARTY HAVING JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE HAUL AND ACCESS ROUTES MUST BE MAINTAINED BY THE CONTRACTOR AND MUST BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. FENCING, DRAINAGE, GRADING, RESURFACING, OR OTHER WORK NECESSARY TO CONSTRUCT AND MAINTAIN HAUL ROUTES IS THE CONTRACTOR’S RESPONSIBILITY AND MUST BE APPROVED BY THE ENGINEER PRIOR TO THE WORK. ANY RESTORATION SEEDING MUST INCLUDE THE USE OF SEED MIXES DEVELOPED FOR THE CORRIDOR AND APPROVED BY THE USDA.

STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.

ALL STORM SEWER FACILITIES WITH OPEN LIDS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED OR FILTERED. ALL DRAINAGE STRUCTURES THAT HAVE OPEN LIDS IN PAVEMENT AREAS SHALL BE PROTECTED WITH INLET FILTERS (28000510).

THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING PAVEMENT OR PROPERTY DAMAGED DURING CONSTRUCTION OPERATIONS BY CONTRACTOR’S FORCES INCLUDING SUBCONTRACTORS.

THE CONTRACTOR SHALL BE MADE AWARE THAT ALL CONSTRUCTION VEHICLES SHALL BE LIMITED TO A MAXIMUM OF 15 FEET ABOVE EXISTING GRADE WHILE CROSSING UNDER COMMONWEALTH EDISON’S TRANSMISSION LINES AND COMPLY WITH OSHA AND COMED CLEARANCE REQUIREMENTS.

FENCE: EXISTING FENCE THAT HAS TO BE DISCONNECTED AND/OR REMOVED FOR THE CONTRACTOR’S OPERATION SHALL BE RECONNECTED AND/OR REPLACED BY THE CONTRACTOR IN KIND AT NO ADDITIONAL COST TO THE ILLINOIS TOLLWAY. TEMPORARY FENCE SHOULD BE INSTALLED IF EXISTING FENCE IS TO BE REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 664 OF THE STANDARD SPECIFICATIONS. ANY RIGHT-OF-WAY MARKERS DISTURBED BY THE CONTRACTOR’S OPERATION SHOULD BE REESTABLISHED BY A REGISTERED LAND SURVEYOR.

ALL ELEVATIONS ARE BASED ON UNITED STATES COAST AND GEODETIC SURVEY DATUM.

AT THE TIME OF THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, THE PROPOSED CONCRETE TRUCK WASHOUT LOCATIONS. RUNOFF FROM WASH AREAS SHALL BE CONTAINED IN DESIGNATED AREAS SO THAT RUNOFF DOES NOT REACH THE STORM SEWER OR DITCH SYSTEMS.

IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL FIBER OPTIC UTILITIES PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL INITIATE THE LOCATE PROCESS FOR THE FIBER OPTIC CABLE BY COMPLETING A “REQUEST TOLLWAY UTILITIES LOCATE” FORM FILLED ON-LINE ON THE ILLINOIS TOLLWAY WEBSITE UNDER “DOING BUSINESS / CONSTRUCTION AND ENGINEERING / PERMITS AND UTILITY INFORMATION” AT LEAST FOUR (4) DAYS PRIOR TO STARTING ANY UNDERGROUND OPERATIONS, EXCAVATIONS OR DIGGING OF ANY TYPE IN GENERAL AREA OF THE FIBER OPTIC CABLE.

EXISTING TOPSOIL DEPTH IS ESTIMATED TO BE SIX (6) INCHES. THE PROPOSED TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES. THE ACTUAL DEPTH OF TOPSOIL SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER.

NO WORK SHALL BE PERFORMED OVER LIVE TRAFFIC LANES. NO DAYTIME CLOSURES SHALL BE PERMITTED. ONLY NIGHT TIME OPERATIONS SHALL BE PERMITTED.

ALL TOLLWAY LANE CLOSURES SHALL CONFORM TO THE MAINTENANCE OF TRAFFIC (ILLINOIS TOLLWAY) SPECIAL PROVISION AND APPLICABLE TOLLWAY STANDARDS.

TREE AND BRANCHES

THE CONTRACTOR SHALL NOT REMOVE ANY TREES OR BRANCHES ON TOLLWAY RIGHT-OF-WAY WITHOUT PRIOR APPROVAL BY THE ILLINOIS TOLLWAY LANDSCAPE ARCHITECT.

CONTRACTOR SHALL NOT DAMAGE ANY TREES OUTSIDE OF THE WORK LIMITS. IF ANY EXISTING TREES ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL REPLACE THE TREE IN KIND.

USE OF WATER

THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONSTRUCTION SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS/HER YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO USE OF THE WATER.

SPECIAL PROJECT NOTES

THE CONTRACTOR SHALL BE ALERT TO POST ALL NECESSARY SIGNAGE, HAVE FLAGGERS AT LOCATIONS OF RESTRICTED LANE OPERATIONS, AND TAKE DOWN THE SIGNAGE WHEN THE WORK IS COMPLETED IN ACCORDANCE WITH THE TRAFFIC CONTROL PROVISIONS OF SECTION 700, 701 AND 702.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITIY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IF NECESSARY.

ALL UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT Kalpana.Kannan-Hosadurga@illinois.gov AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK.

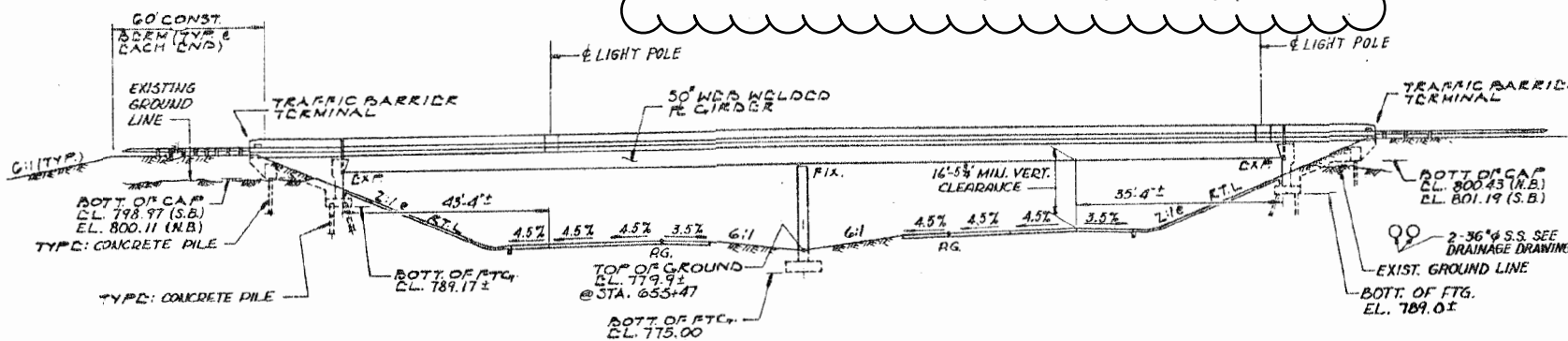
ROADWAY JURISDICTIONS:

ELGIN O'HARE WESTERN ACCESS TOLLWAY (IL-390): ILLINOIS STATE TOLL HIGHWAY AUTHORITY
US-20/LAKE STREET: IDOT
ROSELLE ROAD: COOK COUNTY
PLUM GROVE ROAD: COOK COUNTY
ROHLWING ROAD: IDOT

DUPAGE COUNTY DIVISION OF TRANSPORTATION 421 COUNTY FARM ROAD WHEATON, IL		DESIGNED - AS	REVISED - 9-09-19	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RR	REVISED -			345A	14-00245-05-LS	COOK/DUPAGE	37	2
		CHECKED - EN	REVISED -			CONTRACT NO. 61E69				
		DATE - 6/10/2019	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: NTS				

FOR BENCHMARK, SEE ALIGNMENT, TIES AND BENCHMARKS DRAWING.

The Contractor shall submit shop drawings for decorative panels and all associated connections for review and approval prior to fabrication. Shop drawings shall be signed and sealed by an Illinois licensed Structural Engineer. Decorative panel size shall match dimensions taken from approved R-28 Bridge Fence Railing shop drawings.



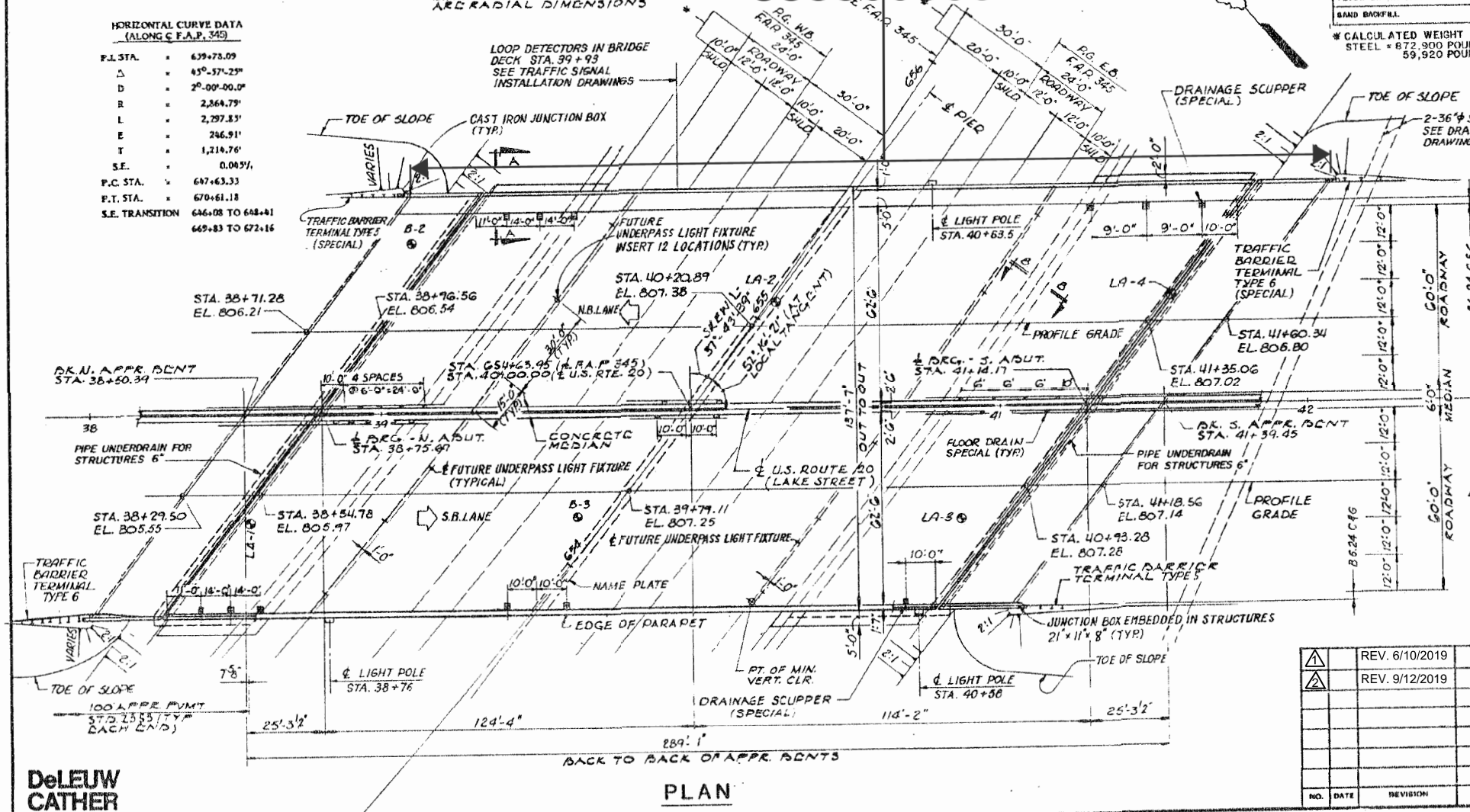
ELEVATION

Existing pedestrian rail removed and replaced with R-28 Bridge Fence Railing with decorative panel attachment

NOTE: DIMENSIONS MARKED *THUS ARE RADIAL DIMENSIONS

HORIZONTAL CURVE DATA (ALONG C.F.A.P. 345)

P.L. STA.	639+73.09
Δ	45°-37'-23"
D	2°-00'-00.0"
R	2,366.79'
L	2,797.83'
E	246.91'
T	1,214.76'
S.E.	0.045%
P.C. STA.	647+63.33
P.T. STA.	670+61.18
S.E. TRANSITION	646+08 TO 648+41 649+83 TO 672+16

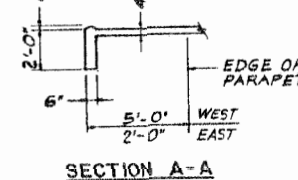


PLAN

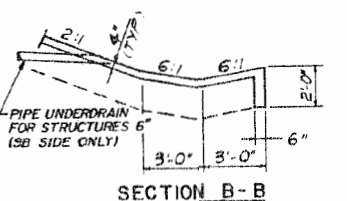
BILL OF MATERIAL				
ITEM	UNIT	SUB.	SUPER.	TOTAL
STRUCTURE EXCAVATION	CU. YD.	2144	—	2144
NEOPRENE EXPANSION JOINT 2"	LIN. FT.	—	348	348
CLASS X CONCRETE SUPERSTRUCTURE	CU. YD.	—	1842.7	1842.7
PROTECTIVE COAT	SG. YD.	—	4470	4470
CLASS X CONCRETE	CU. YD.	1383.8	—	1383.8
FUTURICATION FINISH	SG. FT.	2967	—	2967
ERECTING STRUCTURAL STEEL	S.L. SUM	—	1	1
STUD BEARING CONNECTORS	BRCH	—	11855	11855
PEDESTRIAN RAIL	LIN. FT.	—	289	289
REINFORCEMENT BARS	POUND	46070	—	46070
REINFORCEMENT BARS, EPOXY COATED	POUND	137680	287480	425000
FURNISHING CONCRETE PILES	LIN. FT.	8435	—	8435
SAW CUT GROOVING OF CONCRETE BRIDGE DECKS	SG. YD.	—	2848	2848
DRIVING CONCRETE PILES	LIN. FT.	8435	—	8435
TEST PILES CONCRETE	BRCH	2	—	2
BRCH PLATES	BRCH	1	—	1
SLOPE WALL & RICH	SG. YD.	1337	—	1337
BRIDGE SEAT SEALER	SG. FT.	180	—	180
INSTALL ELASTOMERIC BEARING ASSEMBLY, TYPE 7	BRCH	—	38	38
PREFORMED JOINT SEAL (2 1/2")	LIN. FT.	—	268	268
TYPE UNDERDRAIN FOR STRUCTURES 6"	LIN. FT.	420	—	420
DRAINAGE SCUPPER (SPECIAL)	BRCH	—	12	12
FLOOR DRAINS (SPECIAL)	BRCH	—	22	22
SAND BACKFILL	CU. YD.	700	—	700

* CALCULATED WEIGHT OF STRUCTURAL STEEL = 872,900 POUNDS (W 223, GRADE 50) & 59,920 POUNDS (W 183, GRADE 36)

PROFILE GRADE U.S. RTE. 20 (LAKE ST.)



SECTION A-A

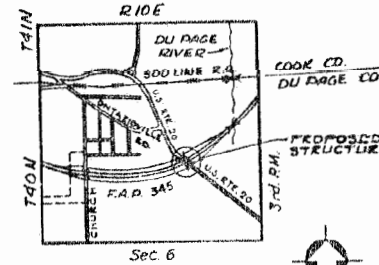


SECTION B-B SLOPEWALL DETAILS

NOTE: FOR DETAIL AT ABUTMENT SEE SHEET S-2.

PROFILE GRADE F.A.P. 345

NOTE: SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC 6" x 6" - W4.0 x W4.0, WEIGHING 58 LBS. PER 100 SQ. FT.



LOCATION PLAN

REV. 6/10/2019	RB	ILLINOIS DEPARTMENT OF TRANSPORTATION	DATE	6/10/19
REV. 9/12/2019	RB	US RTE 20 OVER FAP 345	JOB NO.	P04433
		GENERAL PLAN AND ELEVATION	DESIGNED	J.P.
		FAP 345	DRAWN	J.P.
		STRUCTURE NUMBER 022-0208	CHECKED	G.M.
		DUPAGE COUNTY	APPROVED	J.P.
		STATION 654+63.95	SCALE	
		DE LEUW, CATHEN & COMPANY	DRAWING NO.	S-1
		ENGINEERS AND PLANNERS		

DUPAGE COUNTY
DIVISION OF TRANSPORTATION
421 COUNTY FARM ROAD
WHEATON, IL

DESIGNED	AS	REVISED	9-09-19
DRAWN	RR	REVISED	—
CHECKED	EN	REVISED	—
DATE	6/10/2019	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
LAKE STREET (US-20)

SCALE: NTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345A	14-00245-05-LS	COOK/DUPAGE	37	13
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