

06-15-12 LETTING ITEM 008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2011-025-GRR	KANE	19	1
		ILLINOIS	CONTRACT NO. 60P25	

• VARIOUS ROUTES

D-91-493-11



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION 2011-025-GRR  
VARIOUS LOCATIONS IN KANE COUNTY  
GUARDRAIL IMPROVEMENTS  
PROJECT : HSIP-0005(891)  
KANE COUNTY  
C-91-493-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

IL 25  
EXISTING ADT = 7,800 - 13,600  
SPEED LIMIT = 30 - 50 MPH

IL 31  
EXISTING ADT = 8,900 - 14,700  
SPEED LIMIT = 35 - 45 MPH

IL 47  
EXISTING ADT = 5,600 - 10,300  
SPEED LIMIT = 55 MPH

IL 56  
EXISTING ADT = 12,500 - 17,300  
SPEED LIMIT = 55 MPH

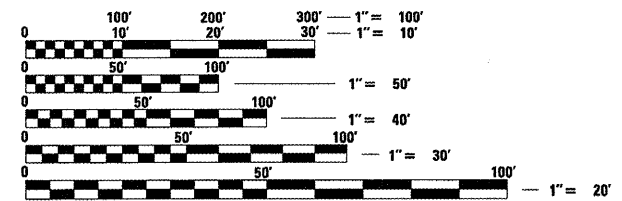
IL 64  
EXISTING ADT = 5,700 - 7,800  
SPEED LIMIT = 35-55 MPH

IL 68  
EXISTING ADT = 9,600  
SPEED LIMIT = 45 MPH

US 20  
EXISTING ADT = 7,400 - 9,300  
SPEED LIMIT = 40 - 55 MPH

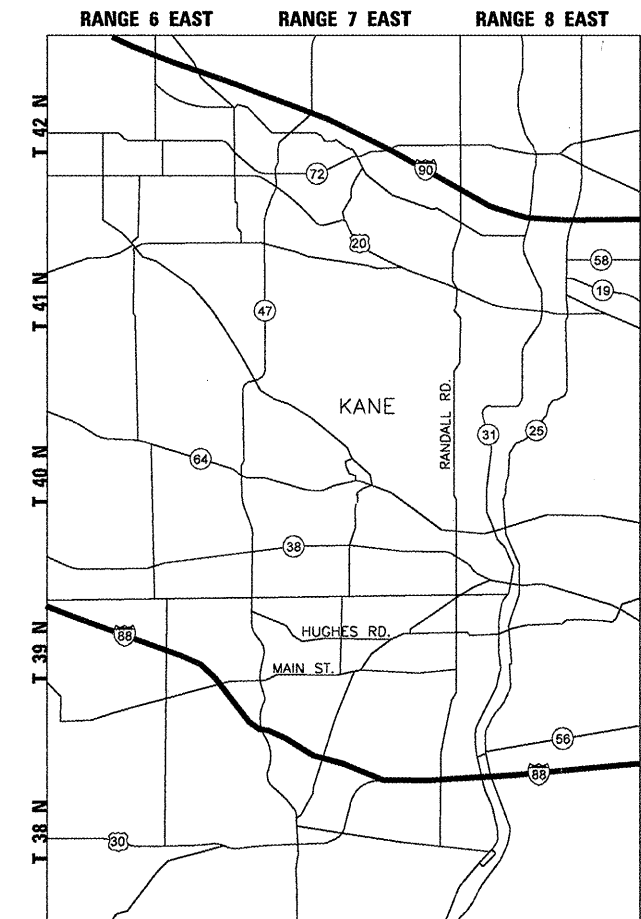
US 30  
EXISTING ADT = 12,200  
SPEED LIMIT = 55 MPH

THE PROJECT IS LOCATED IN THE CITIES OF ELGIN, GENEVA, AND ST. CHARLES AND IN THE VILLAGES OF CAMPTON HILLS, EAST DUNDEE, LILY LAKE, MONTGOMERY, PINGREE GROVE SUGAR GROVE AND WEST DUNDEE.



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



AURORA, BATAVIA, CAMPTON, DUNDEE, ELGIN, GENEVA, ST. CHARLES AND SUGAR GROVE TOWNSHIPS

PROJECT ENGINEER: PETER JOHNSTON (GRAEF) 773-399-0112  
PROJECT MANAGER: KEN ENG (IDOT) 847-705-4247  
CONTRACT NO. 60P25

**GRAEF** 8501 W. Higgins Road; Suite 280  
Chicago, Illinois 60631  
(773) 399-0112

PROFESSIONAL ENGINEER'S SIGN & SEAL  
*Peter M. Johnston*  
062-047647  
REGISTERED  
PROFESSIONAL  
ENGINEER  
OF  
ILLINOIS  
EXPIRES: 11/30/13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED MARCH 20, 2012  
*Diane M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
MAY 11 2012  
*John D. Baranzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT  
MAY 11 2012  
*William R. Freyer*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

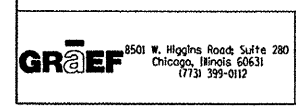
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX, HIGHWAY STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	LOCATION MAP
5-15	ROADWAY PLAN
16	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD24)
17	DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL (BD34)
18	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC 10)
19	ARTERIAL ROAD INFORMATION SIGNING (TC22)

HIGHWAY STANDARDS

STD. NO.	TITLE
630001 - 10	STEEL PLATE BEAM GUARDRAIL
630101 - 09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630201 - 06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301 - 05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011 - 08	TRAFFIC BARRIER TERMINAL, TYPE 2
631031 - 10	TRAFFIC BARRIER TERMINAL, TYPE 8
635006 - 03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011 - 02	REFLECTOR MARKER AND MOUNTING DETAILS
701008 - 03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701101 - 02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326 - 04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701422 - 04	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701901 - 02	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK), 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND LOCAL AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.
- WHEN GUARDRAIL POSTS ARE PLACED BEHIND CONCRETE HEADWALLS, THE POSTS SHALL NOT BE PLACED TO BLOCK THE DRAINAGE OPENING.
- THE CONTRACTOR SHALL ONLY PERFORM WORK ON ONE SIDE OF THE ROAD AT ANY TIME.
- THE CONTRACTOR SHALL SUSPEND GUARDRAIL REMOVAL OPERATIONS WHENEVER THE AMOUNT OF REMOVED GUARDRAIL EXCEEDS TWO DAYS PRODUCTION TO REPLACE THE GUARDRAIL.



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PLOT DATE = 3/19/2012		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES**

SCALE: 50 SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2011-025-GRR	KANE	19	2
* VARIOUS ROUTES			CONTRACT NO. 60P25	
ILLINOIS FED. AID PROJECT				

90% FED

10% STATE

URBAN

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	0021 SAFETY
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	52	52
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,485	2,485
25000210	SEEDING, CLASS 2A	ACRE	0.47	0.47
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45
25100630	EROSION CONTROL BLANKET	SQ YD	2,295	2,295
25200110	SODDING, SALT TOLERANT	SQ YD	189	189
42001300	PROTECTIVE COAT	SQ YD	150	150
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	449	449
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	3,480	3,480
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	449	449
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A 6 FOOT POSTS	FOOT	500	500
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5

\* DENOTES SPECIALTY ITEM

Δ NON-PARTICIPATING (100% STATE)

90% FED

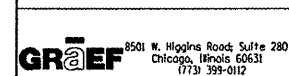
10% STATE

URBAN

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	0021 SAFETY
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	61	61
63200310	GUARDRAIL REMOVAL	FOOT	2,806	2,806
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
78200420	GUARDRAIL MARKERS, TYPE B	EACH	8	8
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	62	62
Δ X2503100	MOWING	UNIT	207	207
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	257	257
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

\* DENOTES SPECIALTY ITEM

Δ NON-PARTICIPATING (100% STATE)



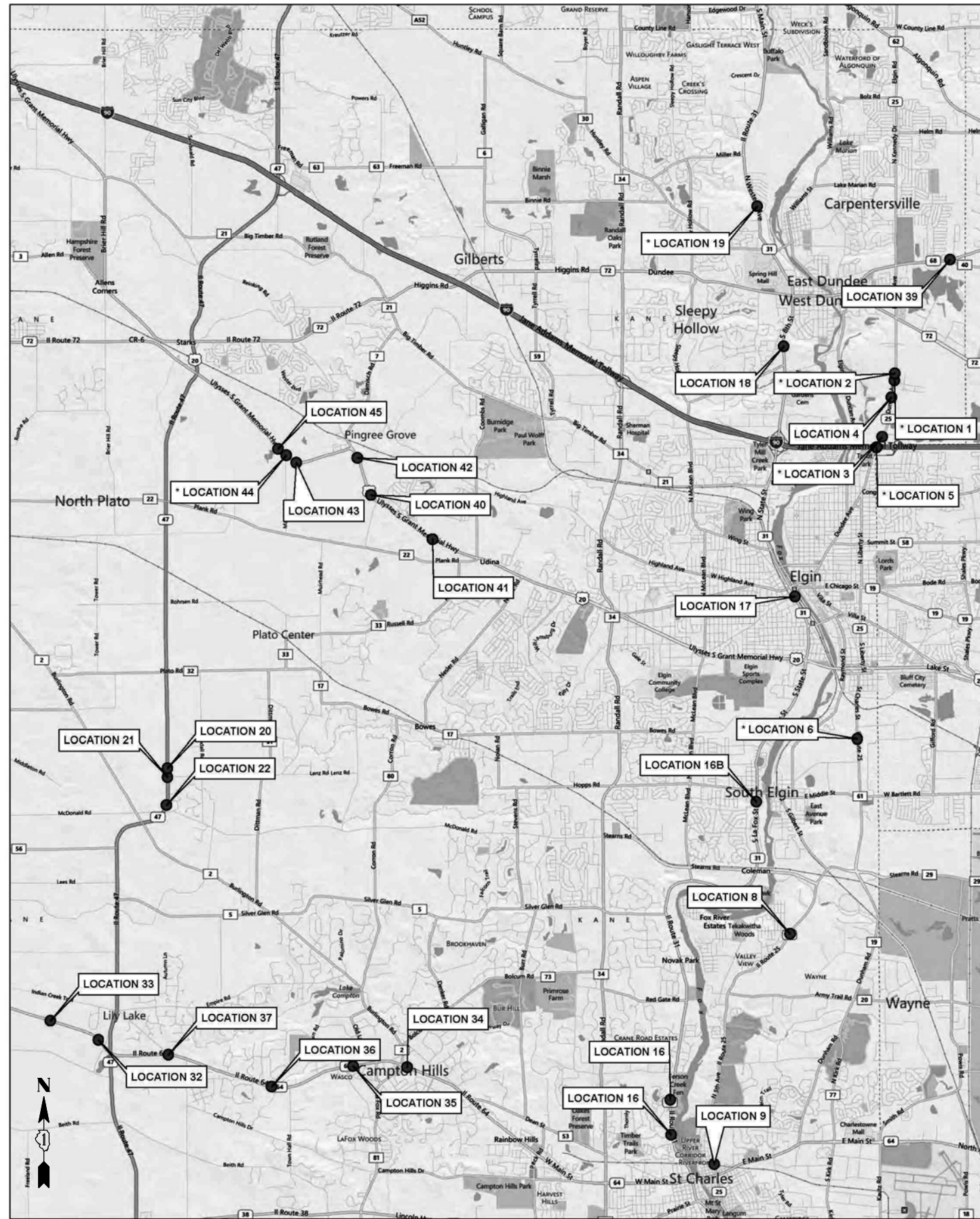
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

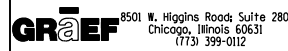
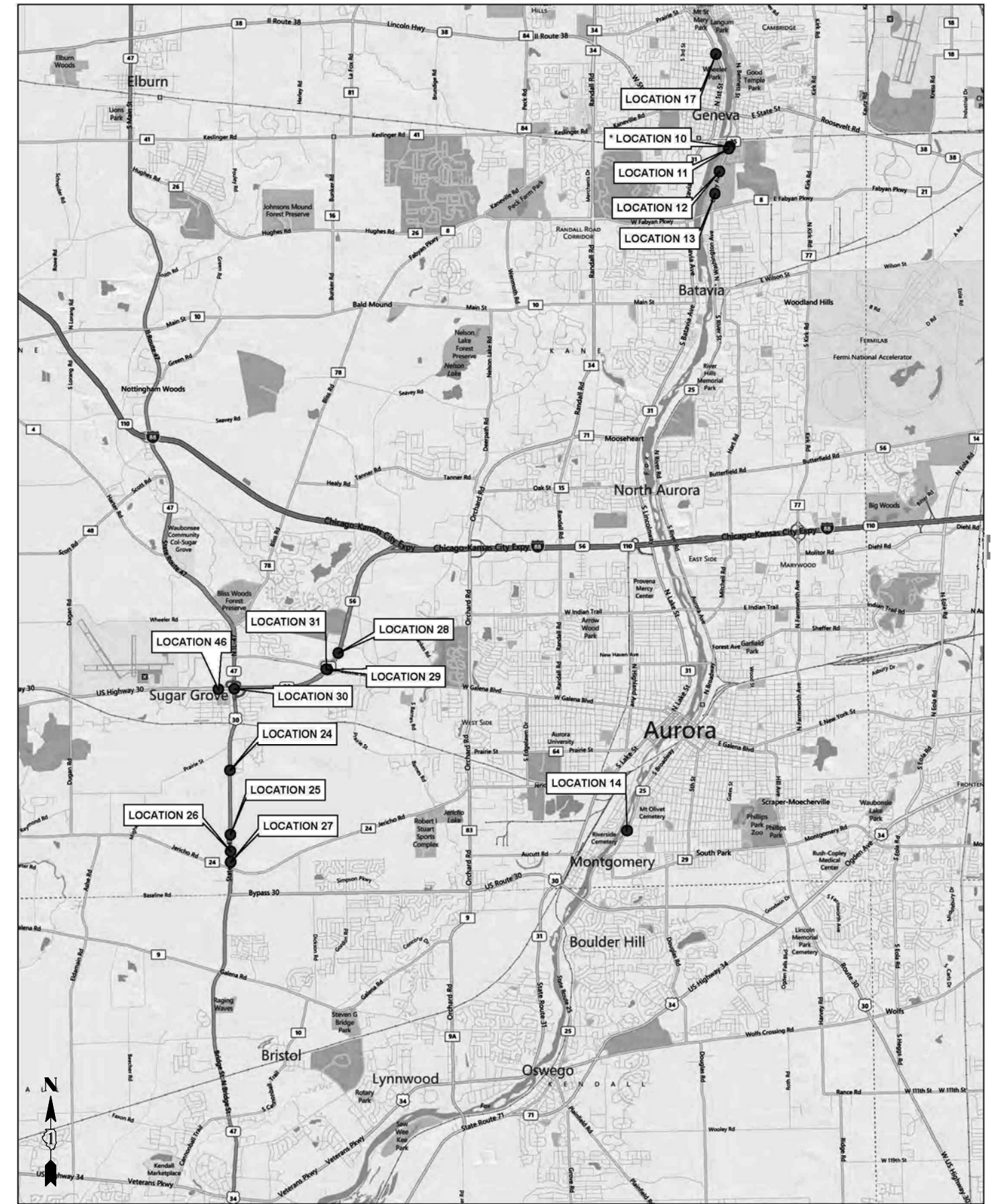
GUARDRAIL IMPROVEMENTS - KANE COUNTY  
SUMMARY OF QUANTITIES

SCALE: 50 SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2011-025-GRR	KANE	19	3
* VARIOUS ROUTES			CONTRACT NO. 60P25	
ILLINOIS FED. AID PROJECT				



\* NO WORK REQUIRED.  
LOCATION 23 & 38 WILL BE REPLACED AS PART OF CONTRACT 62278.



8501 W. Higgins Roads Suite 280  
Chicago, Illinois 60631  
(773) 399-0112

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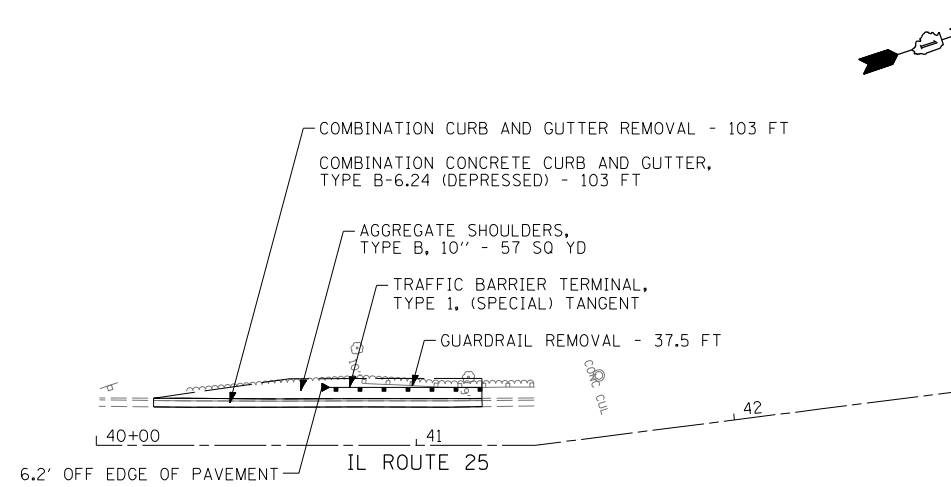
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
LOCATION MAP**

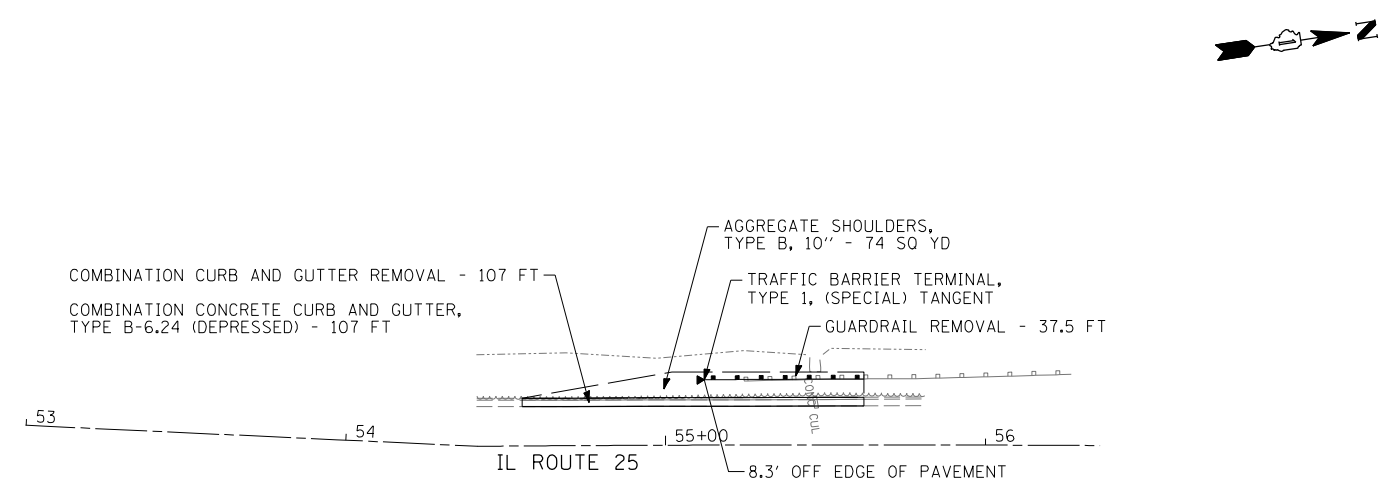
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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•	VARIOUS ROUTES	CONTRACT NO. 60P25		
ILLINOIS FED. AID PROJECT				

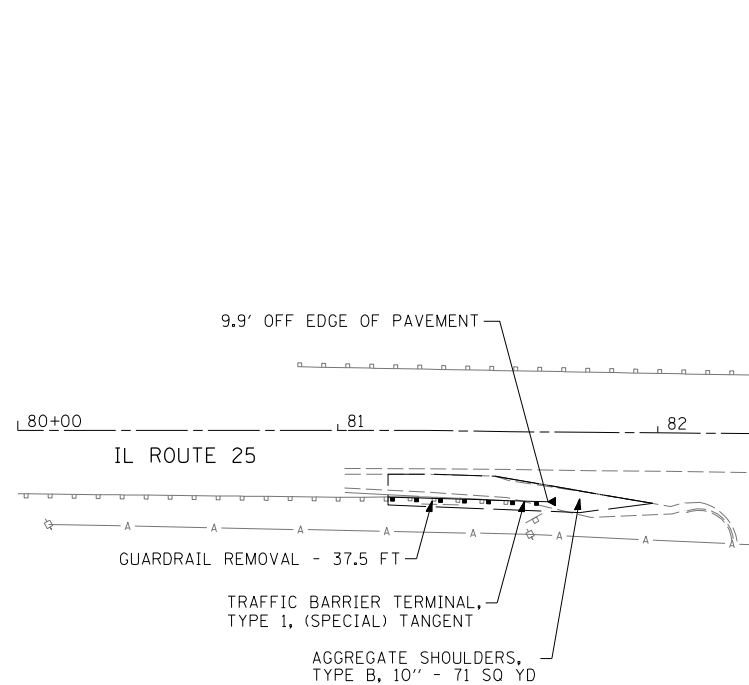


NOTE:  
 LOCATIONS 1, 2, 3, 5, 6 AND 10  
 THE WORK HAS BEEN COMPLETED BY OTHERS  
 LOCATION 7 COULD NOT BE LOCATED

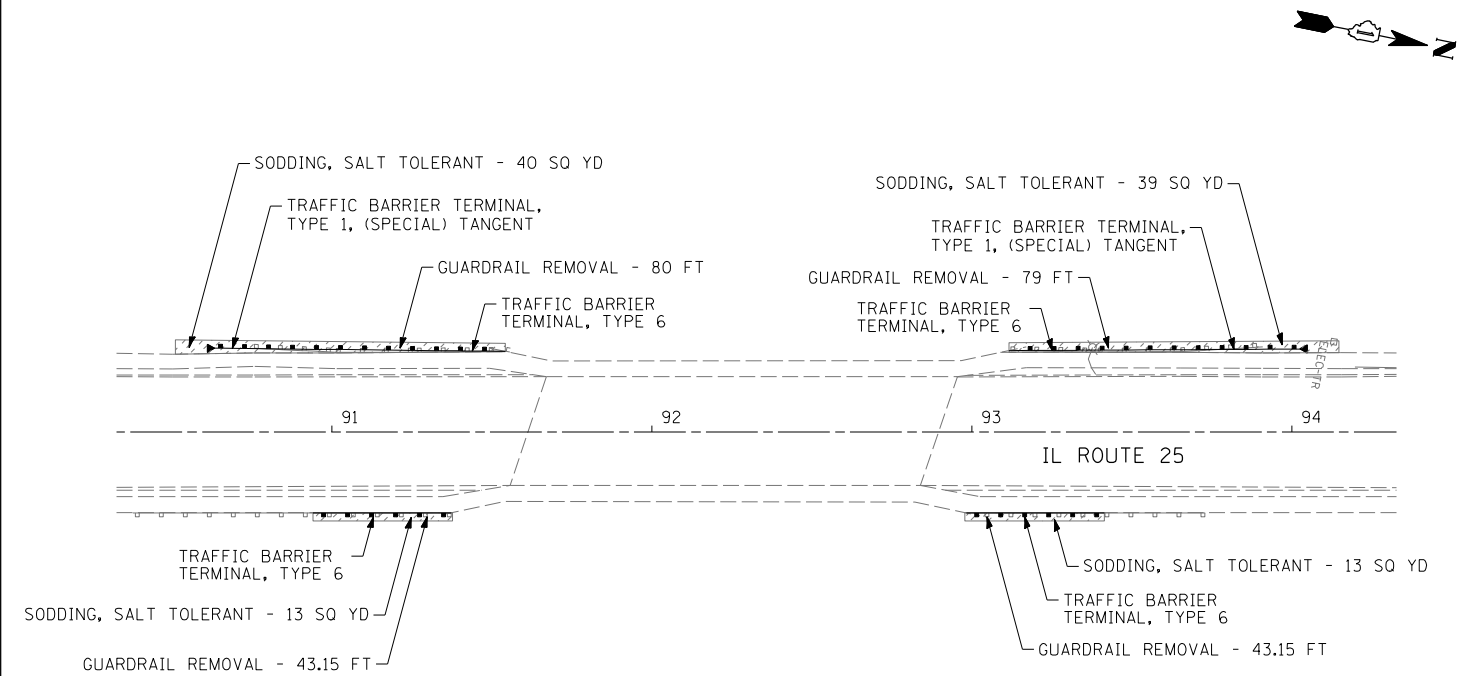
LOCATION 4  
 IL 25 - 3/4 MI NORTH OF I-90



LOCATION 4  
 IL 25 - 3/4 MI NORTH OF I-90

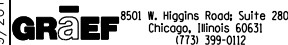


LOCATION 8  
 IL 25 - 4 MI SOUTH OF RTE 20



LOCATION 9  
 IL 25 - 1/4 M NORTH OF IL 64 AT RR BRIDGE

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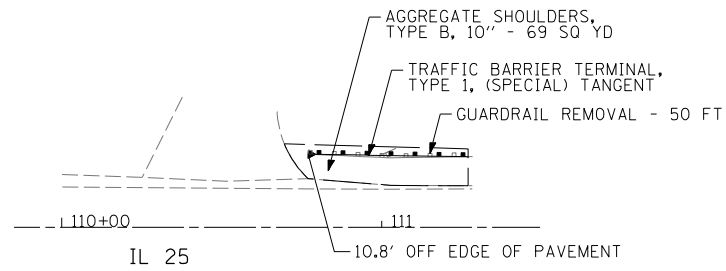
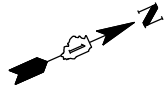
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

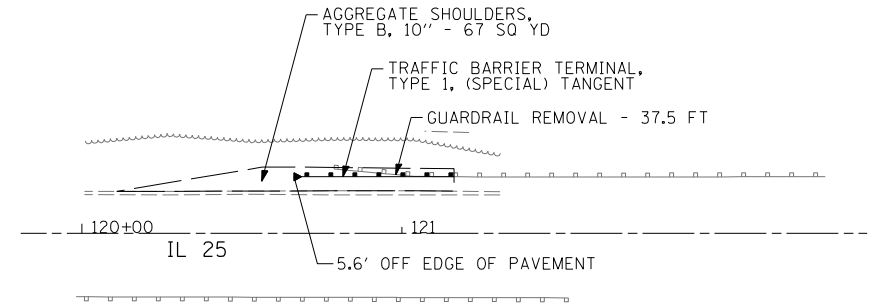
GUARDRAIL IMPROVEMENTS - KANE COUNTY  
 ROADWAY PLANS

SCALE: 1" = 30' SHEET NO. 1 OF 11 SHEETS STA. TO STA.

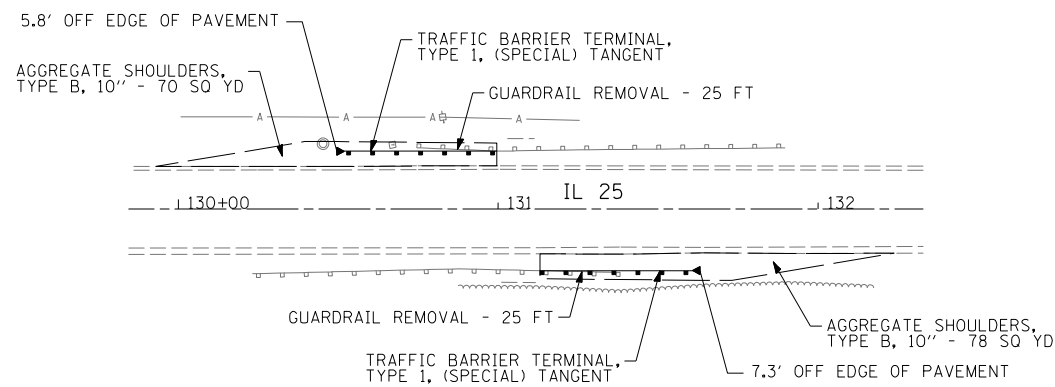
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•	VARIOUS ROUTES	CONTRACT NO. 60P25		
ILLINOIS FED. AID PROJECT				



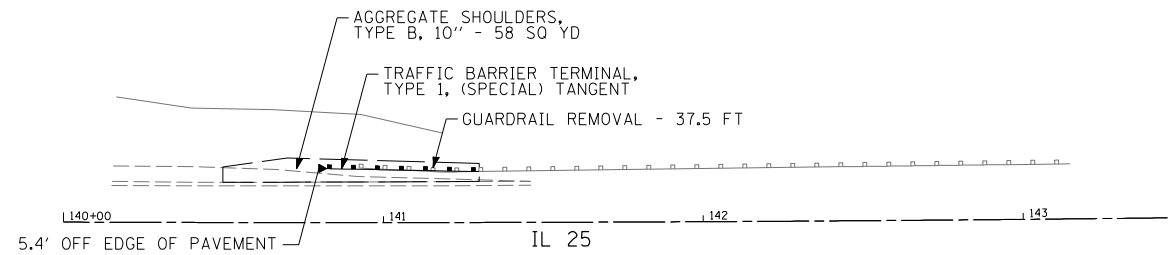
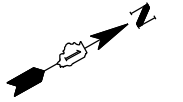
LOCATION 11  
IL 25 - SOUTH OF ACCESS ROAD



LOCATION 12  
IL 25 - 1/4 MI NORTH OF FABYAN FOREST PRESERVE

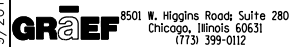


LOCATION 13  
IL 25 - 1/4 MI NORTH OF FABYAN PARKWAY



LOCATION 14  
IL 25 - 1 1/4 MILE NORTH OF RTE 30

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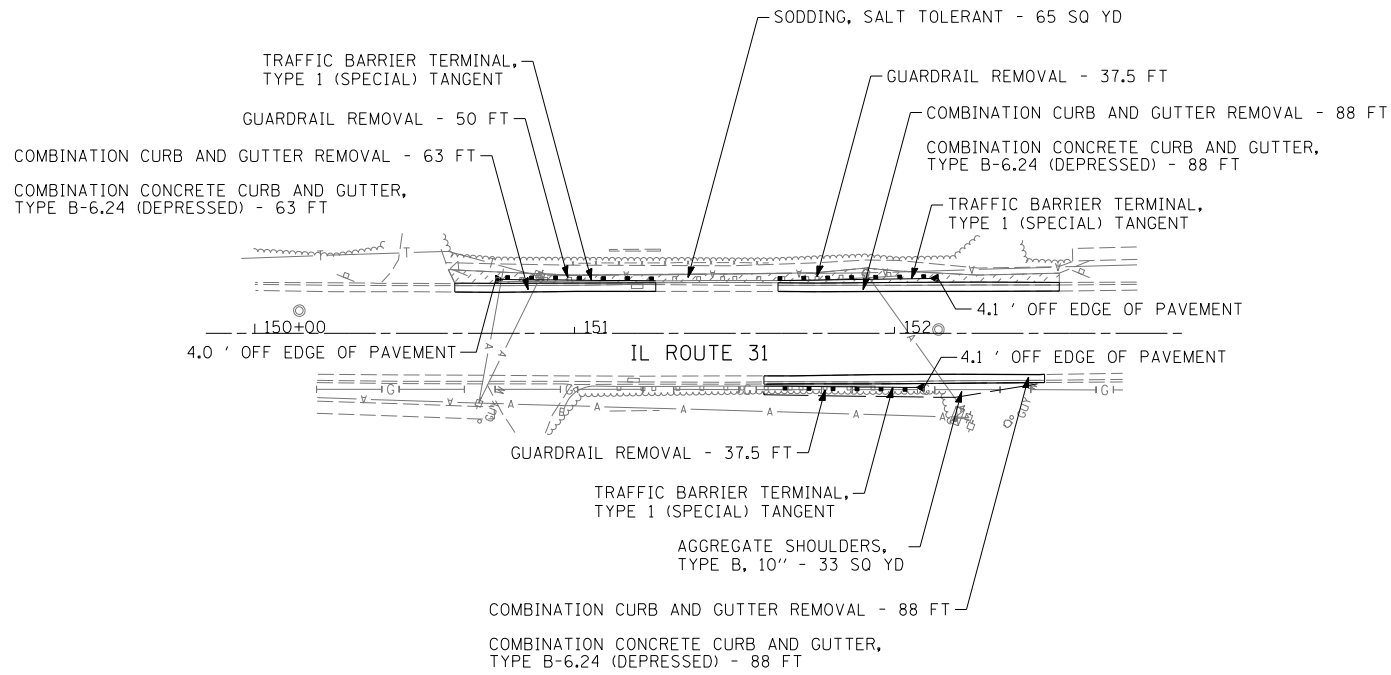
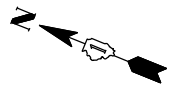
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

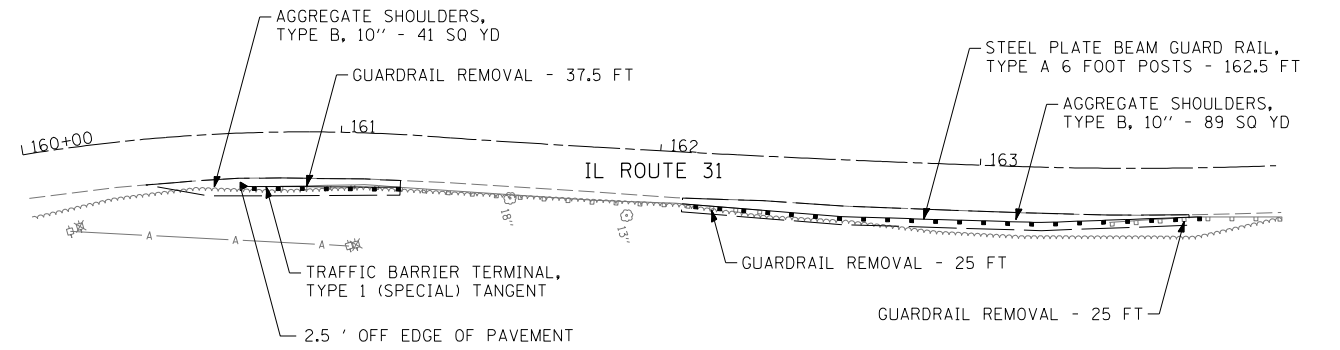
**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

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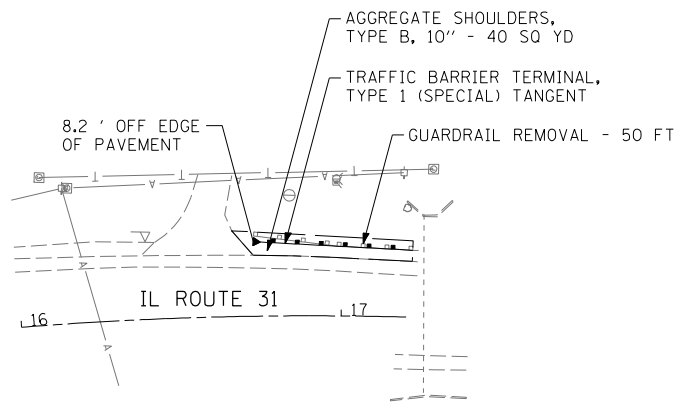
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*	2011-025-GRR	KANE	19	6
* VARIOUS ROUTES			CONTRACT NO. 60P25	
ILLINOIS FED. AID PROJECT				



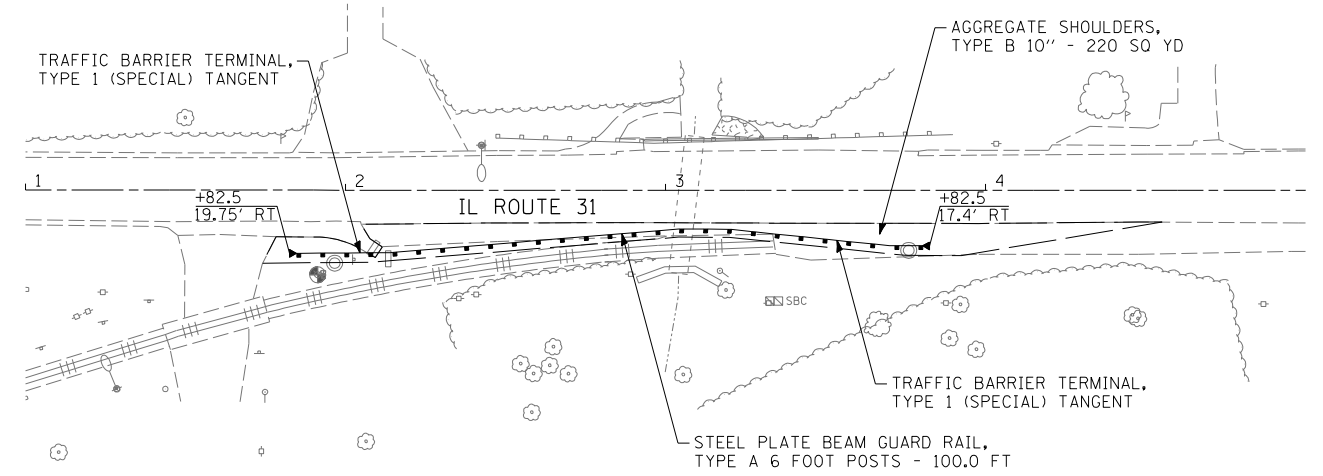
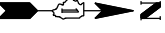
LOCATION 15  
IL 31 - NORTH OF IL 38 AT WILLOWGATE



LOCATION 16  
IL 31 - NORTH OF WILDROSE SPRINGS DRIVE

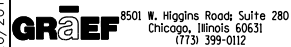


LOCATION 16A  
IL 31 - NORTH OF INDIAN MOUND ROAD



LOCATION 16B  
IL 31 - SOUTH OF PLUM STREET

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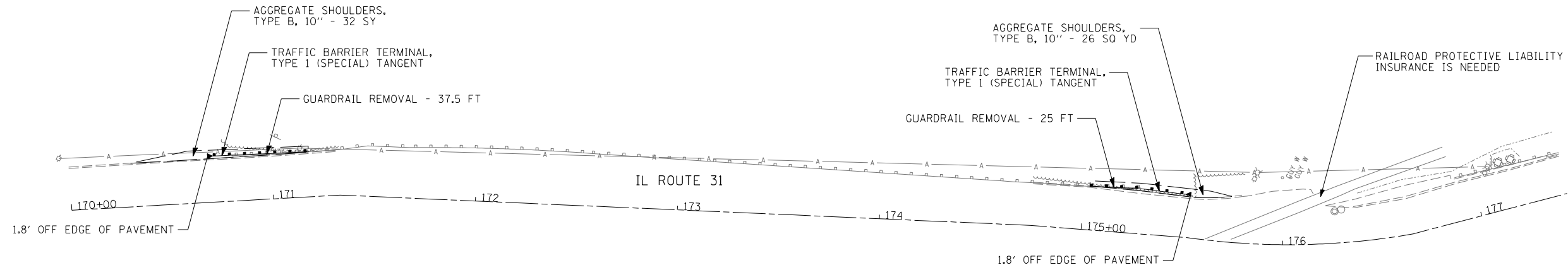
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

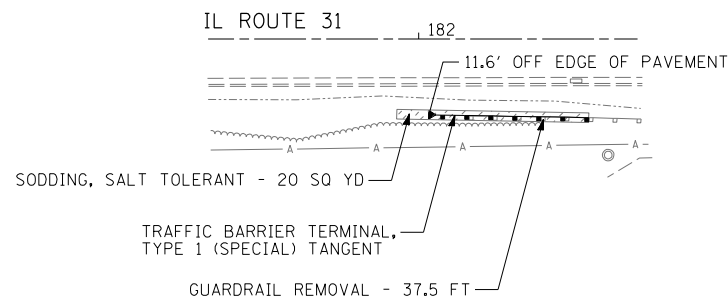
**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

SCALE: 1" = 30' SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2011-025-GRR	KANE	19	7
•	VARIOUS ROUTES			
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P25	

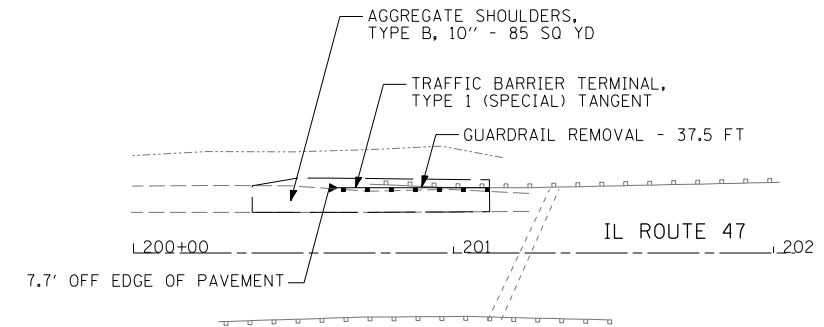


LOCATION 17  
IL 31 - LOCUST STREET AND W. CHICAGO STREET



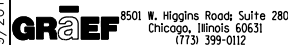
LOCATION 18  
IL 31 1/2 NORTH OF BONCOSKY ROAD

NOTE:  
LOCATION 19 WORK HAS BEEN  
COMPLETED BY OTHERS



LOCATION 20  
IL 47 - NORTH OF CONNORS ROAD

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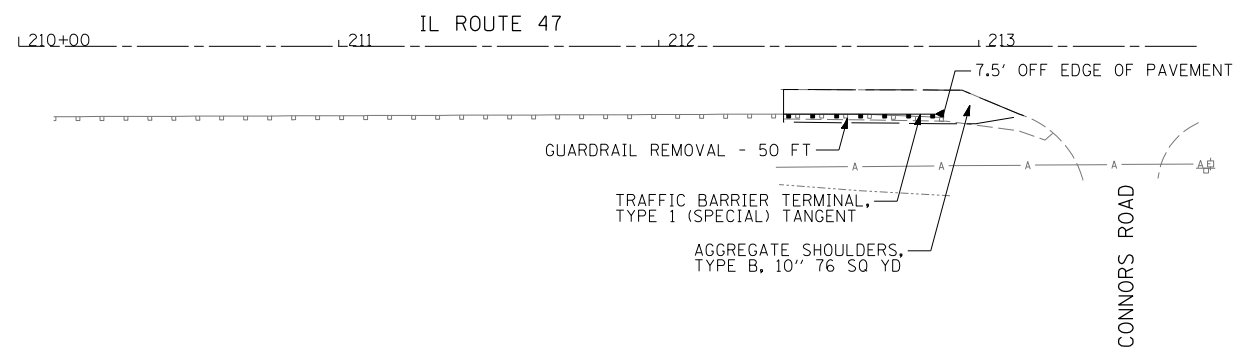
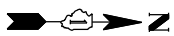
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

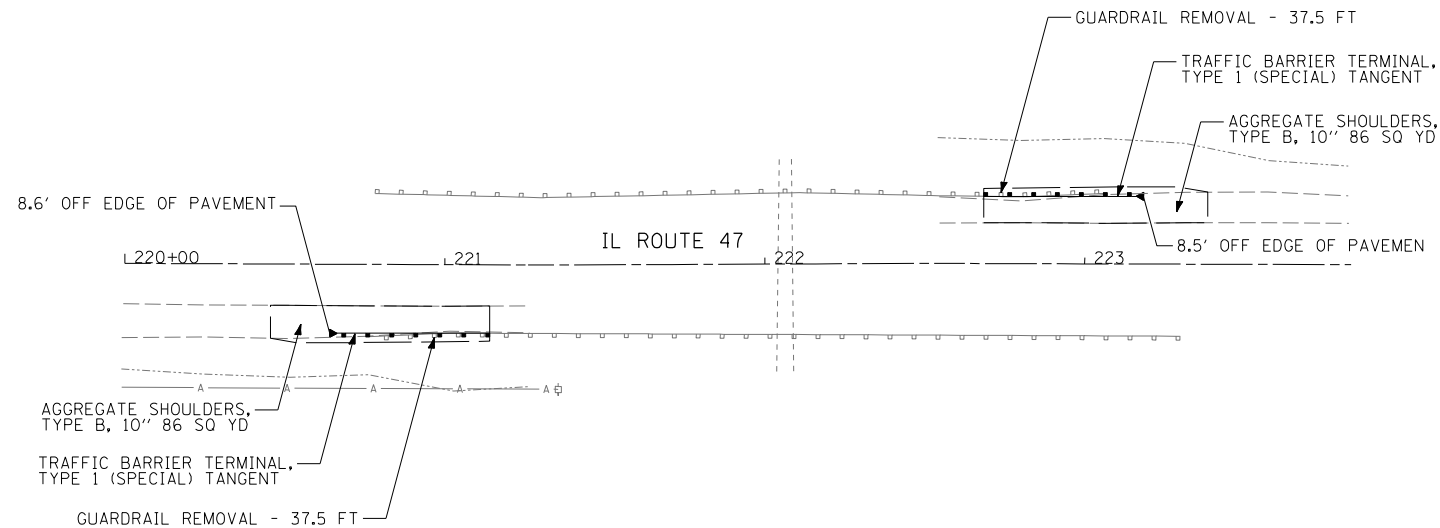
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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•	VARIOUS ROUTES	CONTRACT NO. 60P25		
ILLINOIS FED. AID PROJECT				



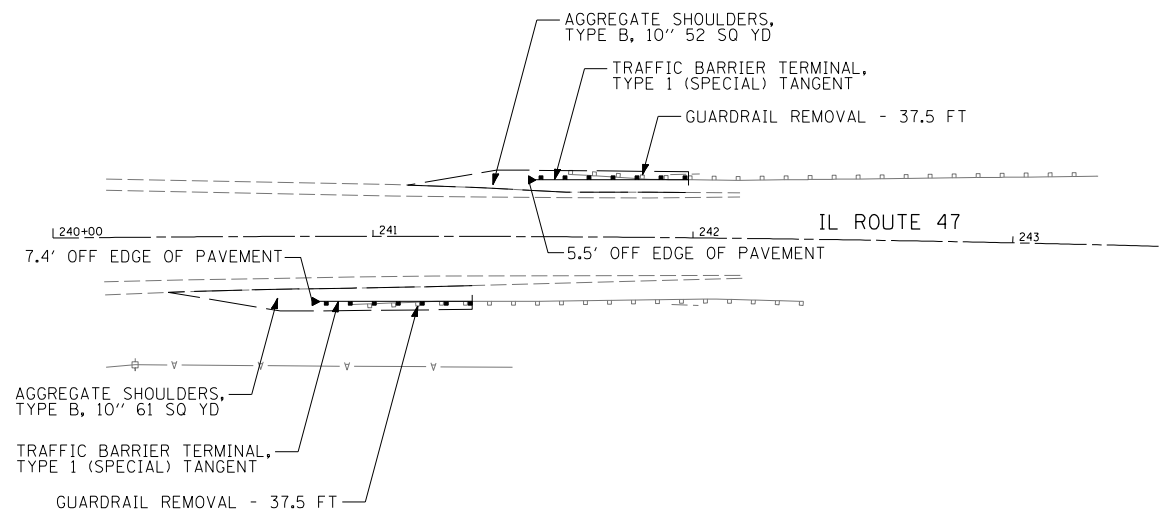


LOCATION 21  
IL 47 - AT CONNORS ROAD

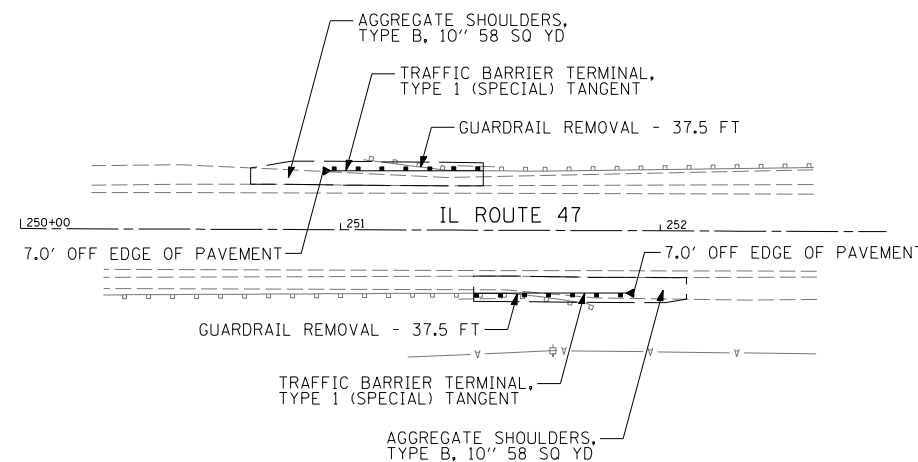


LOCATION 22  
IL 47 - NORTH OF MCDONALD ROAD

NOTE:  
LOCATION 23 WILL BE REPLACED  
AS PART OF CONTRACT 62278.

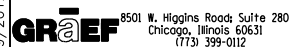


LOCATION 24  
IL 47 - AT ROLLING OAKS ROAD



LOCATION 25  
IL 47 - 1/2 MI NORTH OF JERICO ROAD

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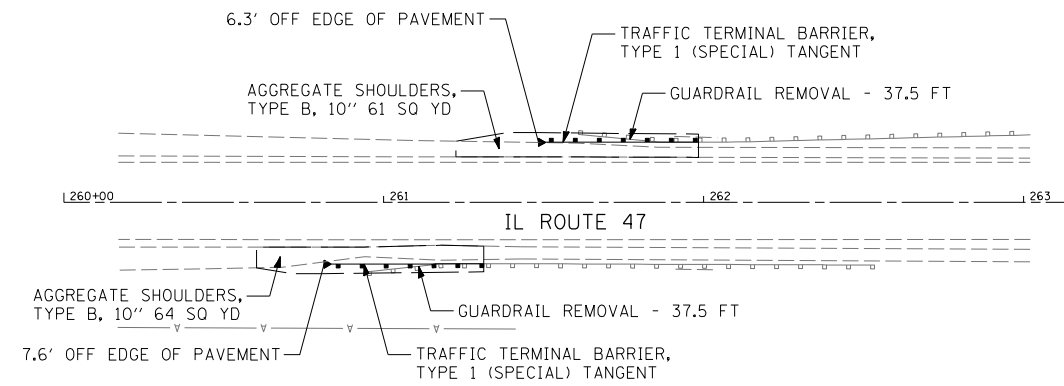
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

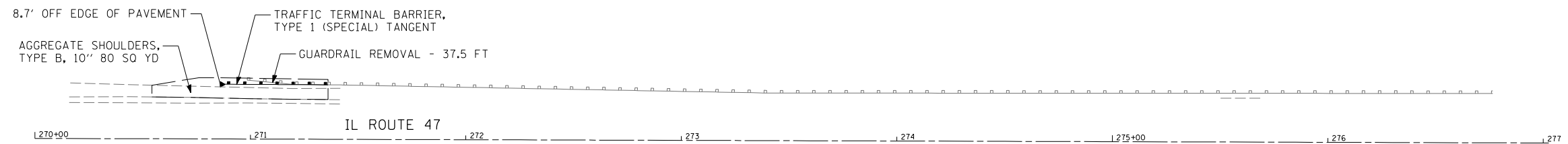
**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

SCALE: 1" = 30'    SHEET NO. 5 OF 11 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2011-025-GRR	KANE	19	9
•	VARIOUS ROUTES	CONTRACT NO. 60P25		
ILLINOIS FED. AID PROJECT				

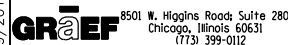


LOCATION 26  
IL 47 - 1/4 MI NORTH OF JERICO ROAD



LOCATION 27  
IL 47 - 500' NORTH OF JERICO ROAD

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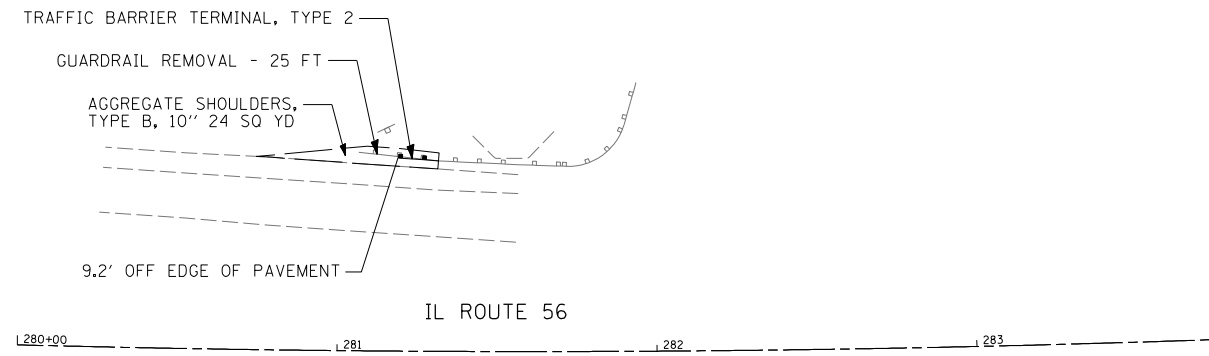
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PLOT DATE = 3/19/2012	DATE - 03/22/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

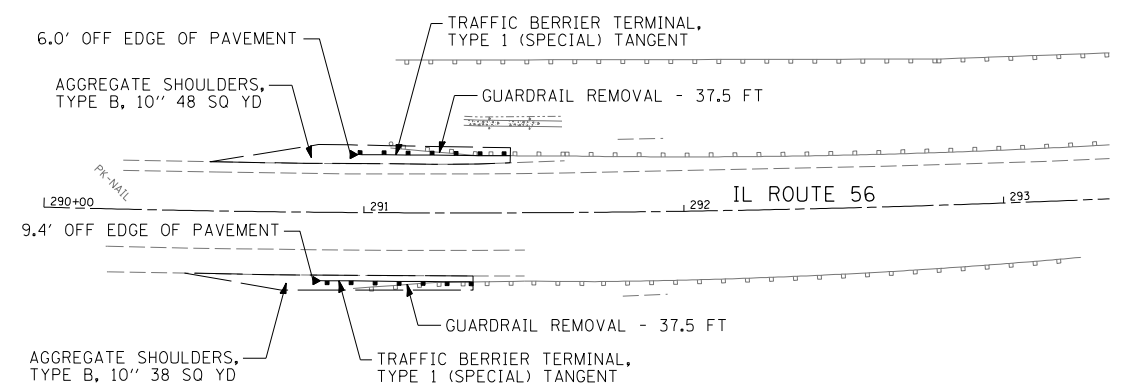
**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

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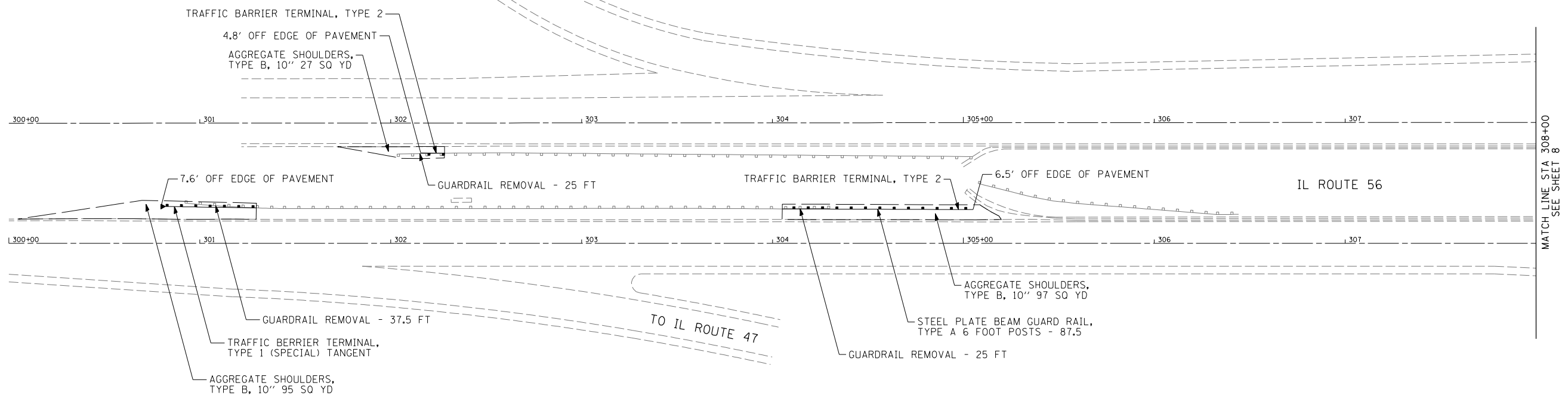
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•	2011-025-GRR	KANE	19	10
• VARIOUS ROUTES			CONTRACT NO. 60P25	
ILLINOIS FED. AID PROJECT				



LOCATION 28  
IL-56 - EAST OF GALENA BLVD AT THE BIKE PATH BRIDGE



LOCATION 29  
IL 56 - UNDER GALENA BLVD OVERPASS



LOCATION 30  
IL 56 - OVER IL 47 IN MEDIAN

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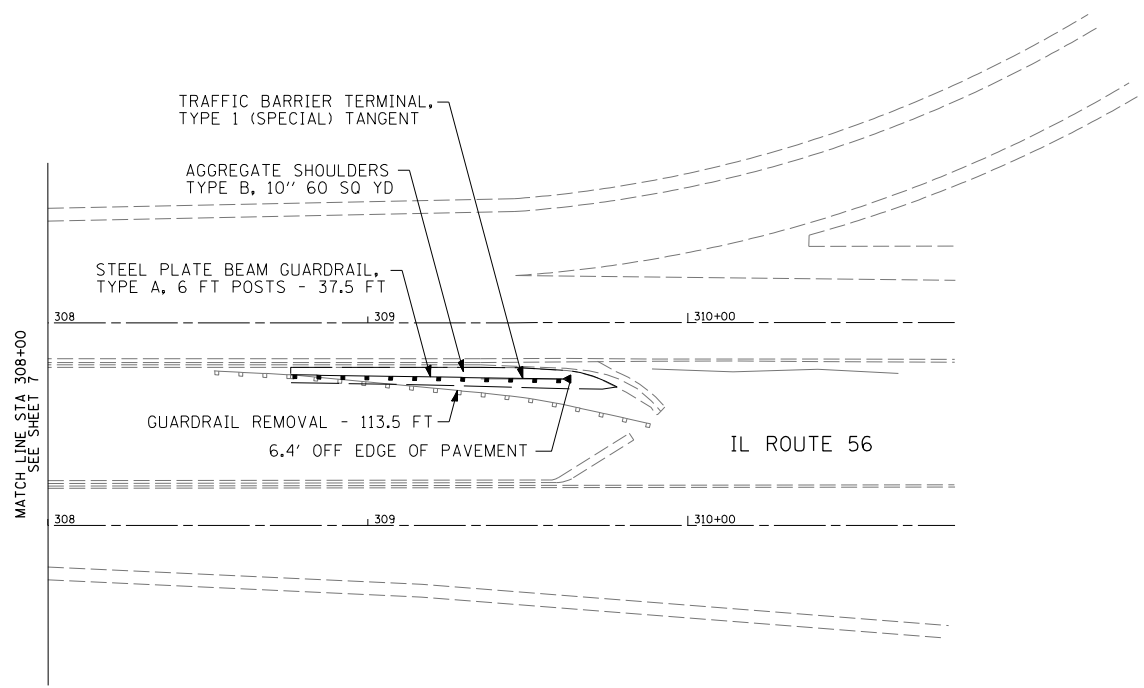
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

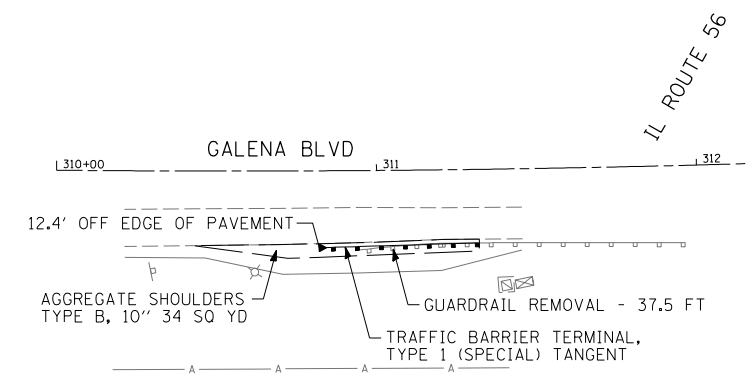
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•	VARIOUS ROUTES	CONTRACT NO. 60P25		

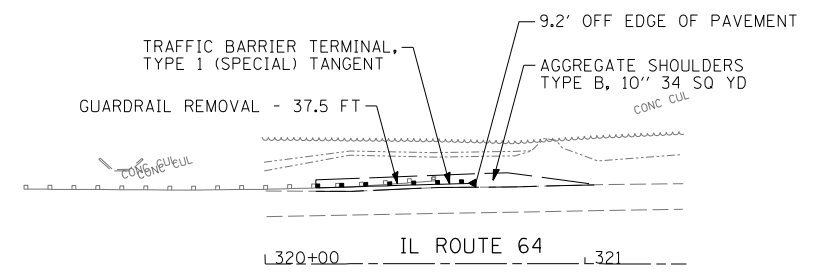
ILLINOIS FED. AID PROJECT



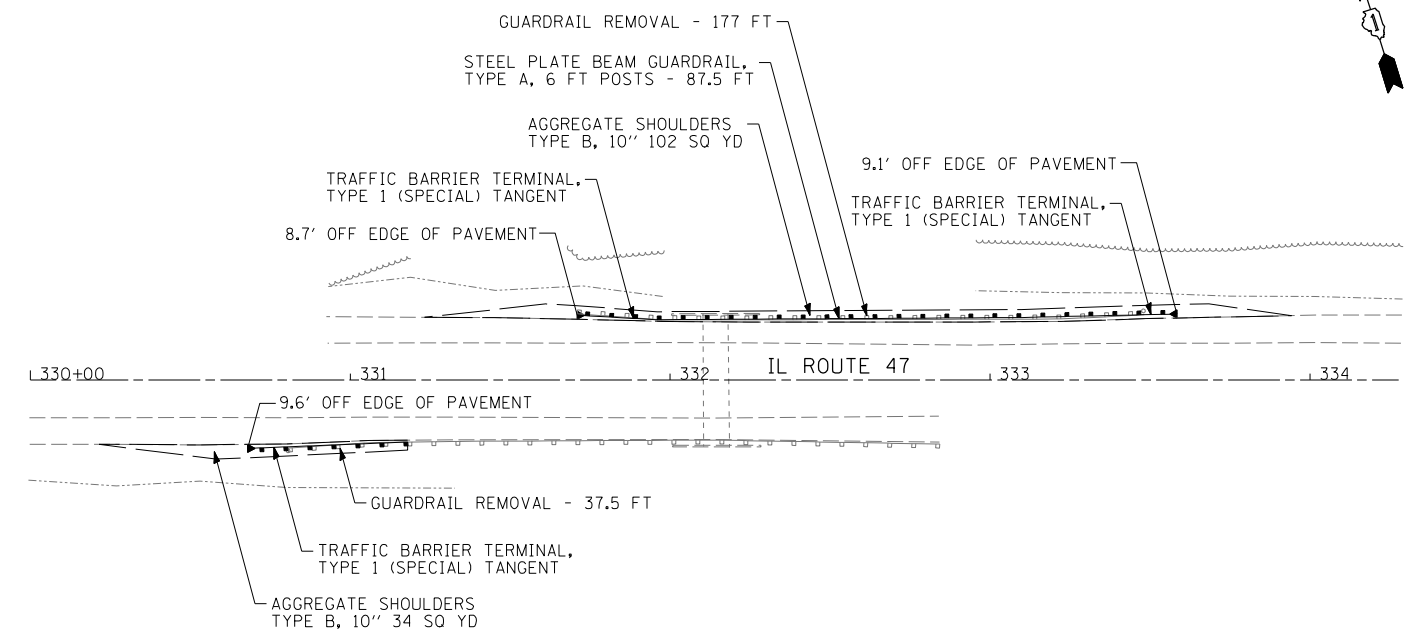
LOCATION 30  
IL 56 - OVER IL 47 IN MEDIAN



LOCATION 31  
GALENA BLVD OVER IL 56



LOCATION 32  
IL 64 - 1/4 MI WEST OF IL 47



LOCATION 33  
IL 64 - 1 MI WEST OF IL 47

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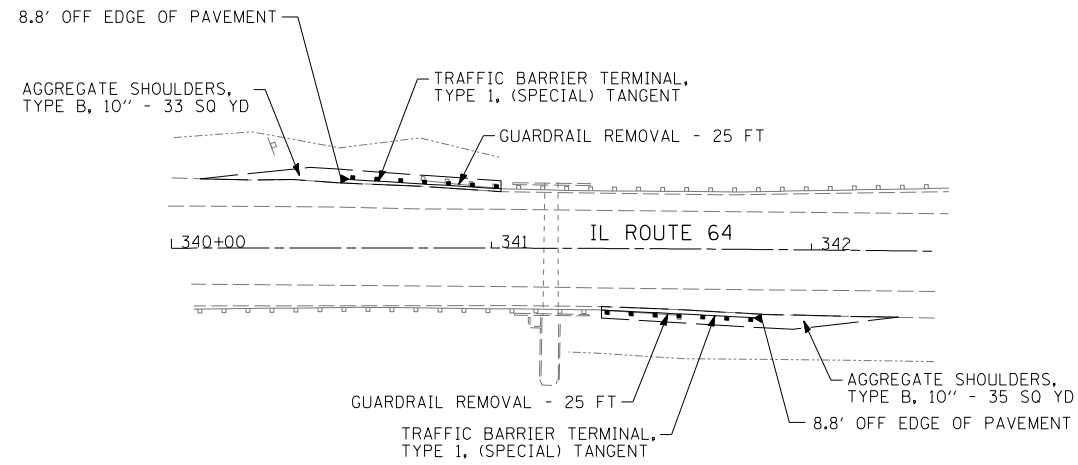
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

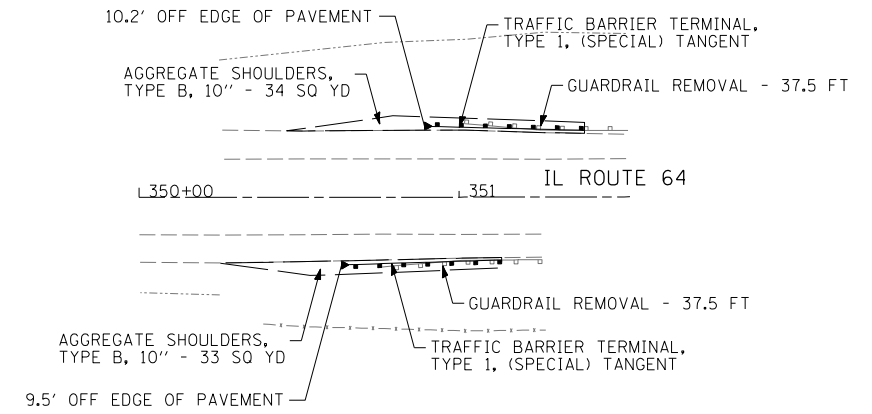
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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•	VARIOUS ROUTES		CONTRACT NO. 60P25	

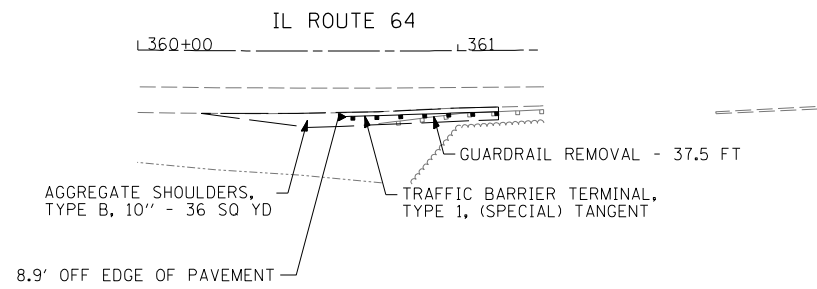
ILLINOIS FED. AID PROJECT



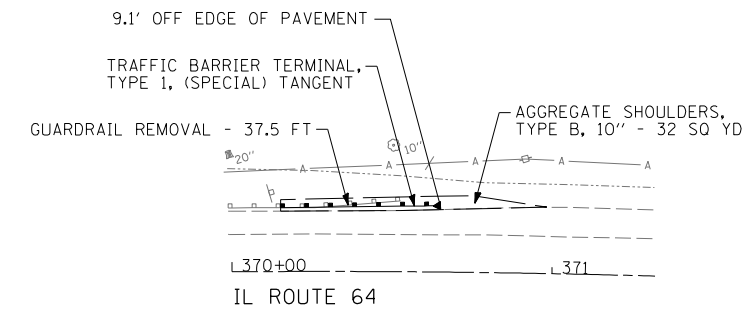
LOCATION 34  
IL 64 - EAST OF BURLINGTON ROAD



LOCATION 35  
IL 64 - WEST OF OLD LA FOX ROAD



LOCATION 36  
IL 64 - AT BROOKSIDE DRIVE



LOCATION 37  
IL 64 - AT HANSON ROAD

NOTE:  
LOCATION 38 WILL BE REPLACED  
AS PART OF CONTRACT 62278.

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**GRAEF** 8501 W. Higgins Road, Suite 280  
Chicago, Illinois 60631  
(773) 399-0112

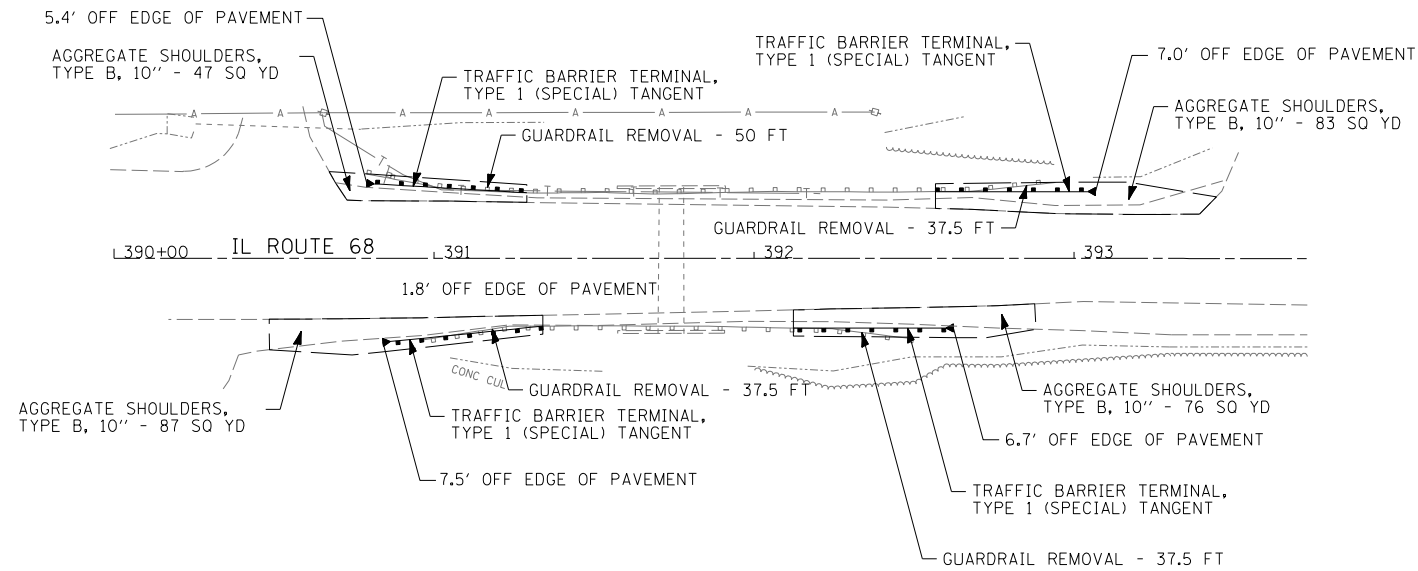
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

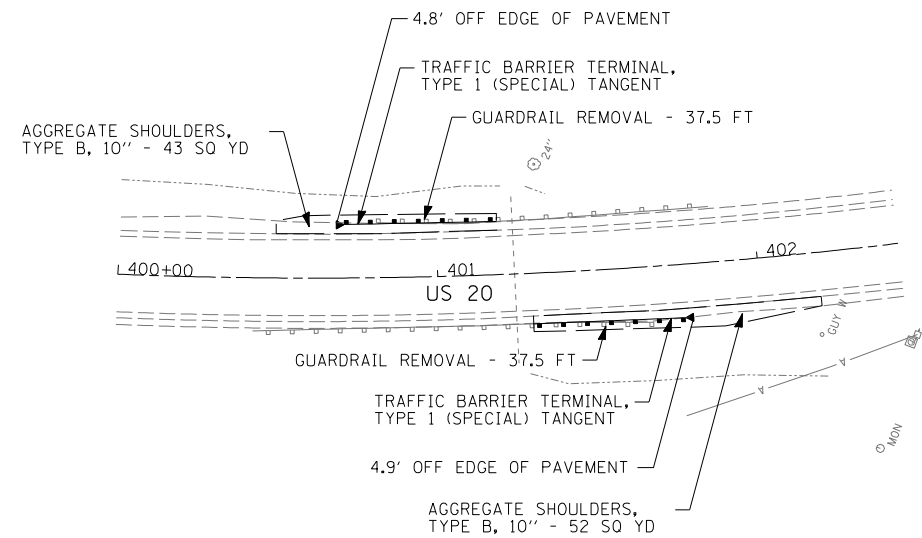
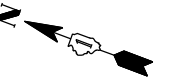
**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

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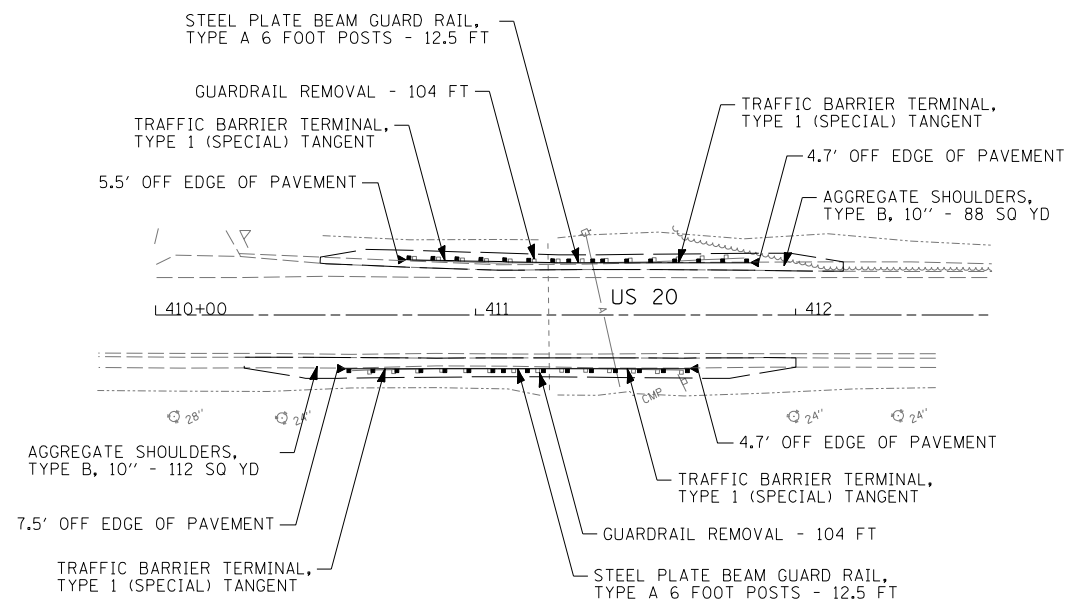
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• VARIOUS ROUTES			CONTRACT NO. 60P25	
ILLINOIS FED. AID PROJECT				



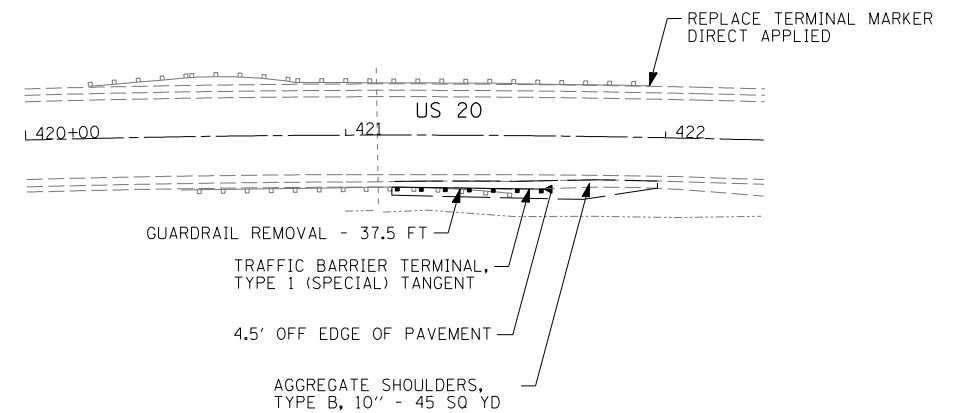
LOCATION 39  
IL 68 - EAST OF PENNY ROAD



LOCATION 40  
US 20 - WEST OF SWITZER ROAD

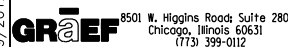


LOCATION 41  
US 20 - BETWEEN COOMBS ROAD AND HIGHLAND WOODS ROAD



LOCATION 42  
US 20 - EAST OF REINKING ROAD

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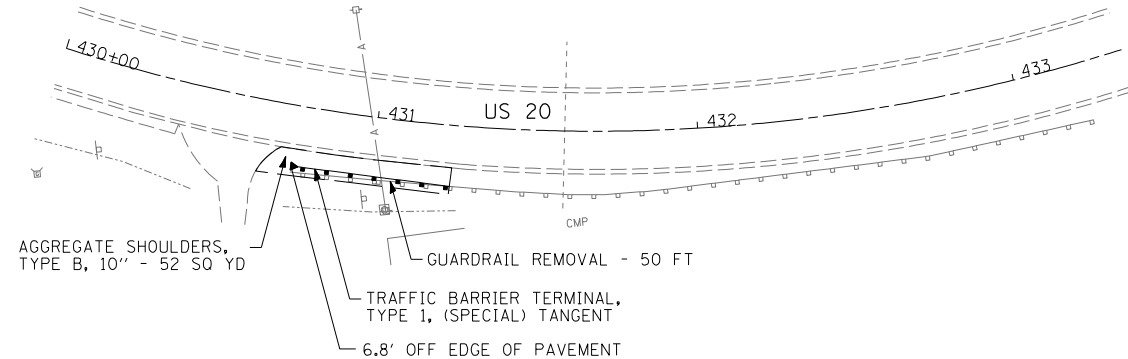
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

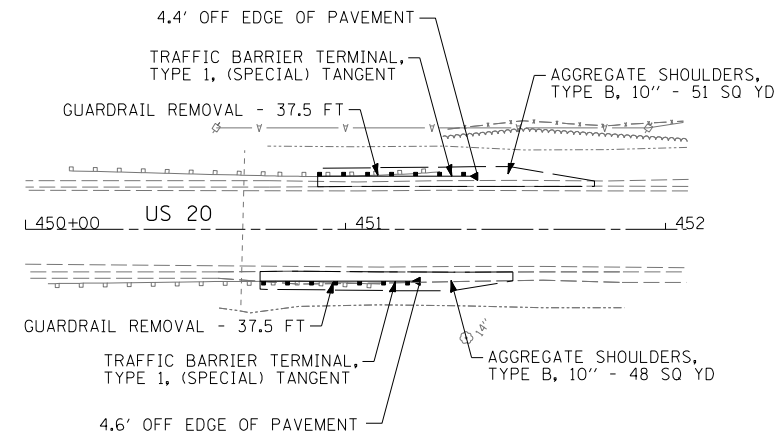
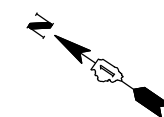
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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•	VARIOUS ROUTES			
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P25	

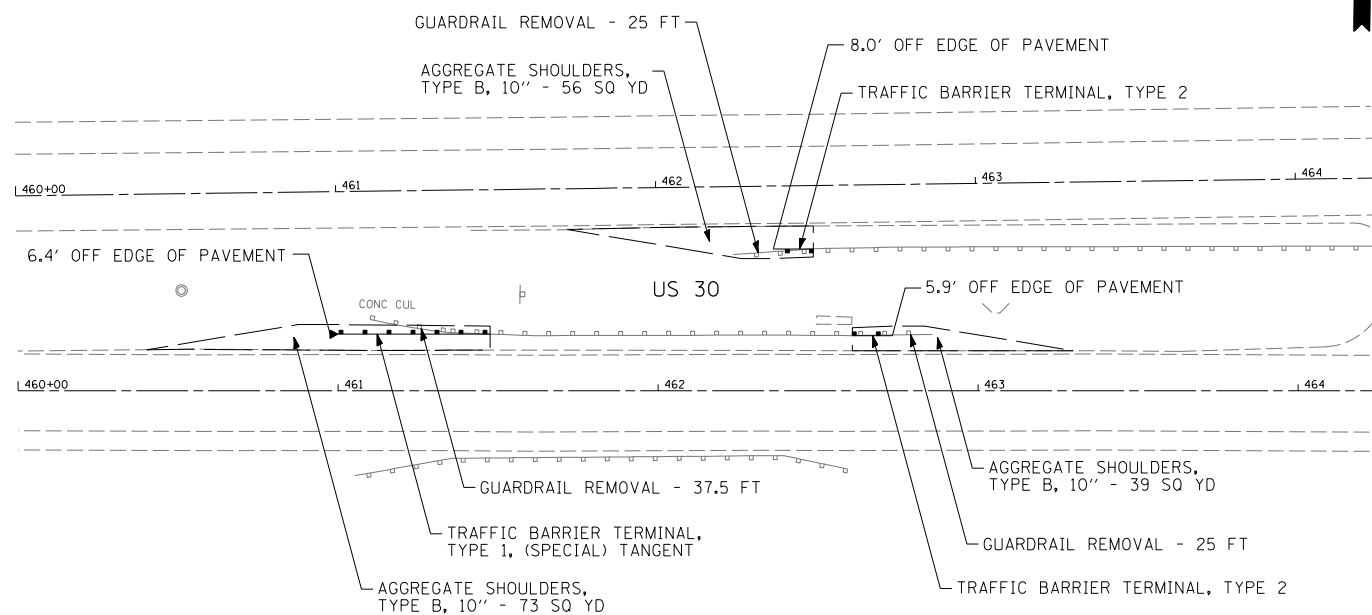


LOCATION 43  
US 20 - 500' EAST OF MARSHALL ROAD

NOTE:  
LOCATION 44 HAS BEEN  
COMPLETED BY OTHERS.



LOCATION 45  
US 20 - 1/4 MI WEST OF MARSHALL ROAD



LOCATION 46  
US 30 - 1/4 MI WEST OF IL 47

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**GR&EF** 8501 W. Higgins Road, Suite 280  
Chicago, Illinois 60631  
(773) 399-0112

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	DRAWN - EAF	REVISED -
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PLOT DATE = 3/19/2012	DATE - 03/22/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL IMPROVEMENTS - KANE COUNTY  
ROADWAY PLANS**

SCALE: 1" = 30' SHEET NO. 11 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2011-025-GRR	KANE	19	15
•	VARIOUS ROUTES	CONTRACT NO. 60P25		
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.)

\* 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.

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.

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,

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

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.

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

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

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).

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.

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".

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. \* VARIOUS ROUTES

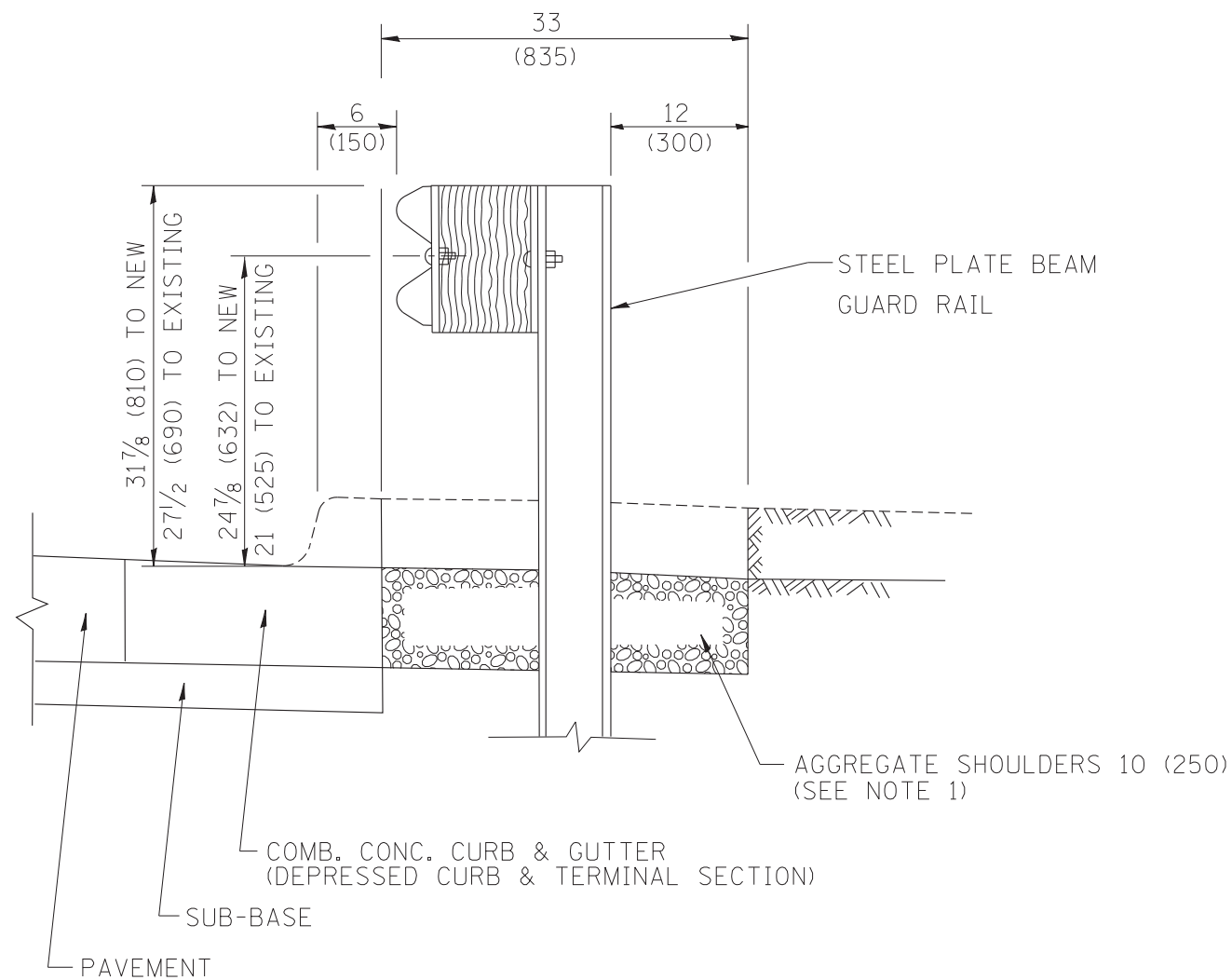
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	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2011-025-GRR	KANE	19	16
<b>BD600-06 (BD-24)</b>			CONTRACT NO. 60P25	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

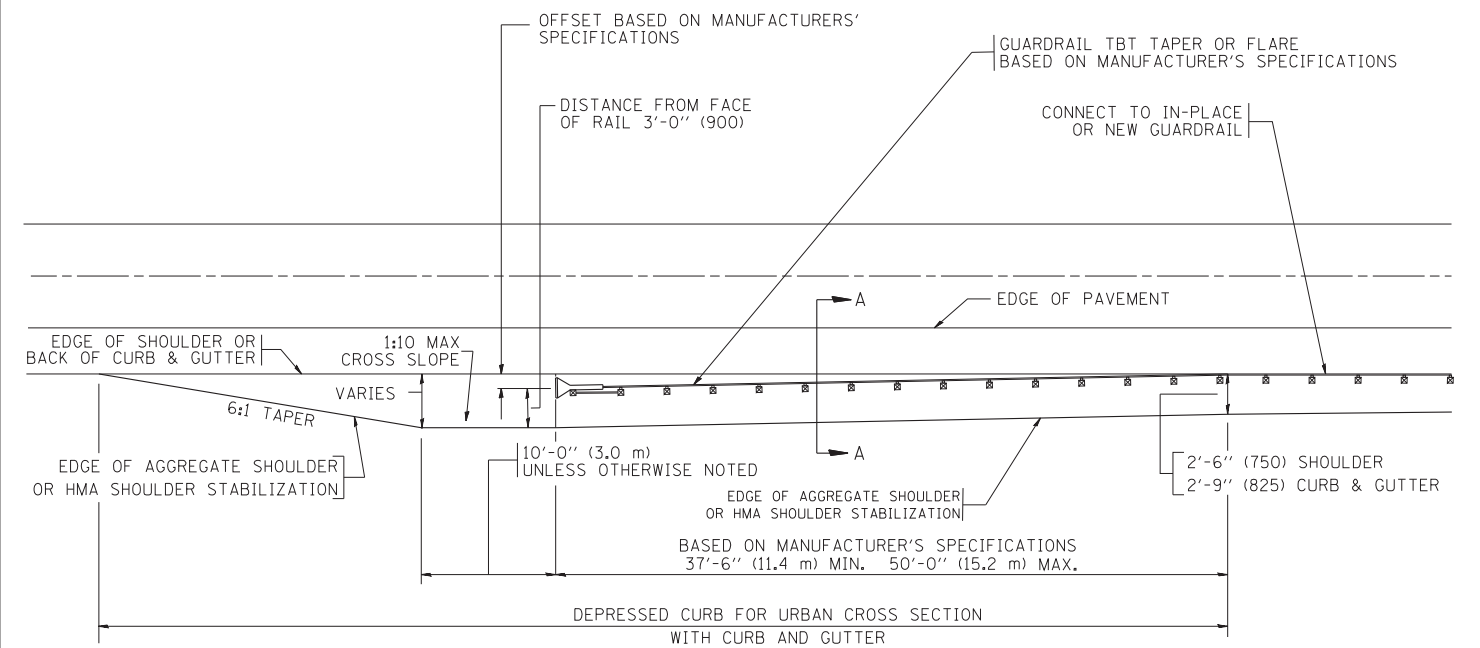




SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
  2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
  3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

DETAILS FOR STEEL PLATE BEAM  
GUARD RAIL ADJACENT TO CURB AND GUTTER  
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



DEPRESSED CURB AND GUTTER AND  
SHOULDER TREATMENT AT TBT TY. 1 SPL.

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN. \* VARIOUS ROUTES

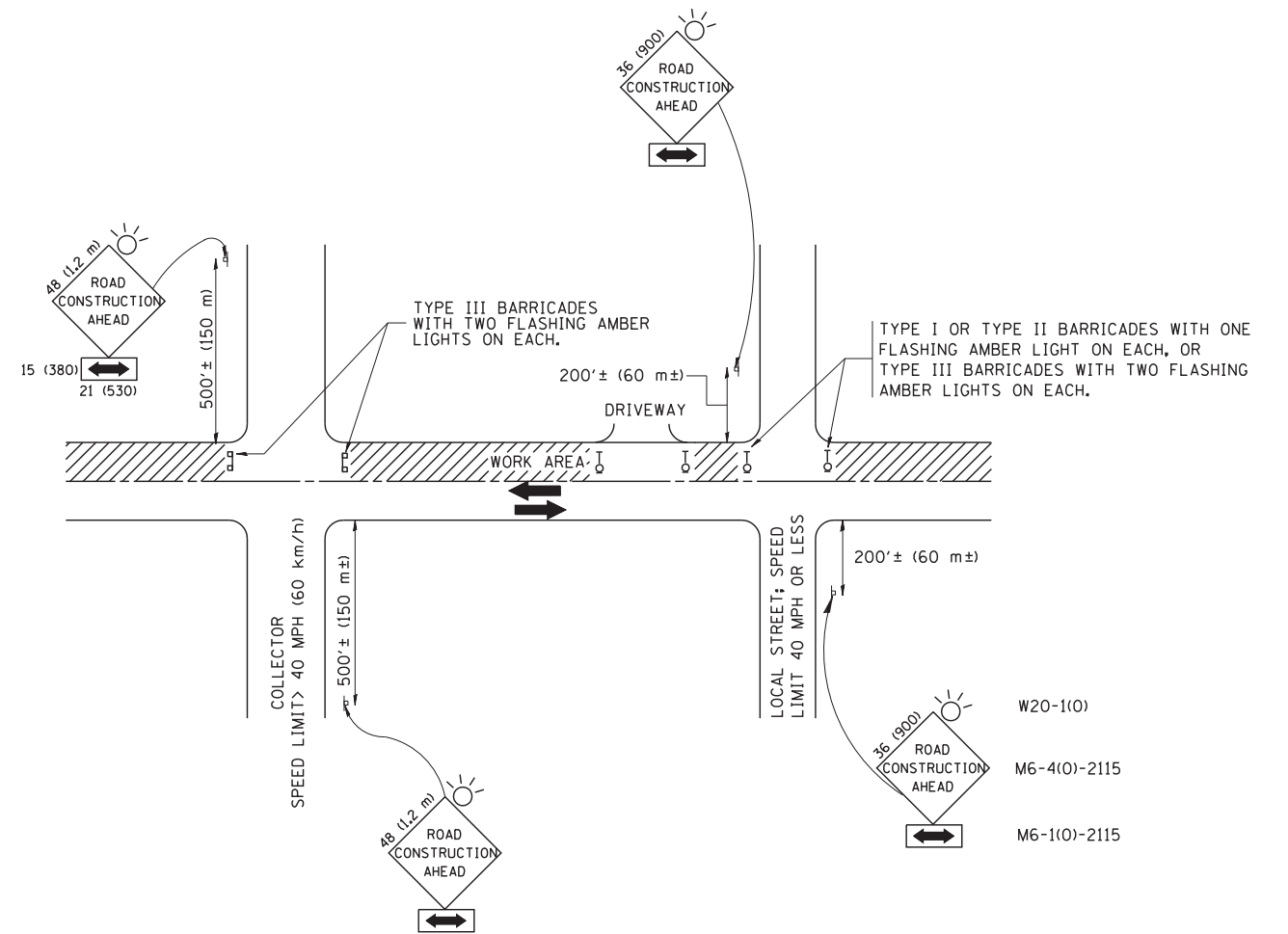
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND  
SHOULDER TREATMENT AT TBT TY 1 SPL.**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2011-025-GRR	KANE	19	17
<b>BD600-10 (BD 34)</b>		CONTRACT NO. 60P25		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown. \* VARIOUS ROUTES

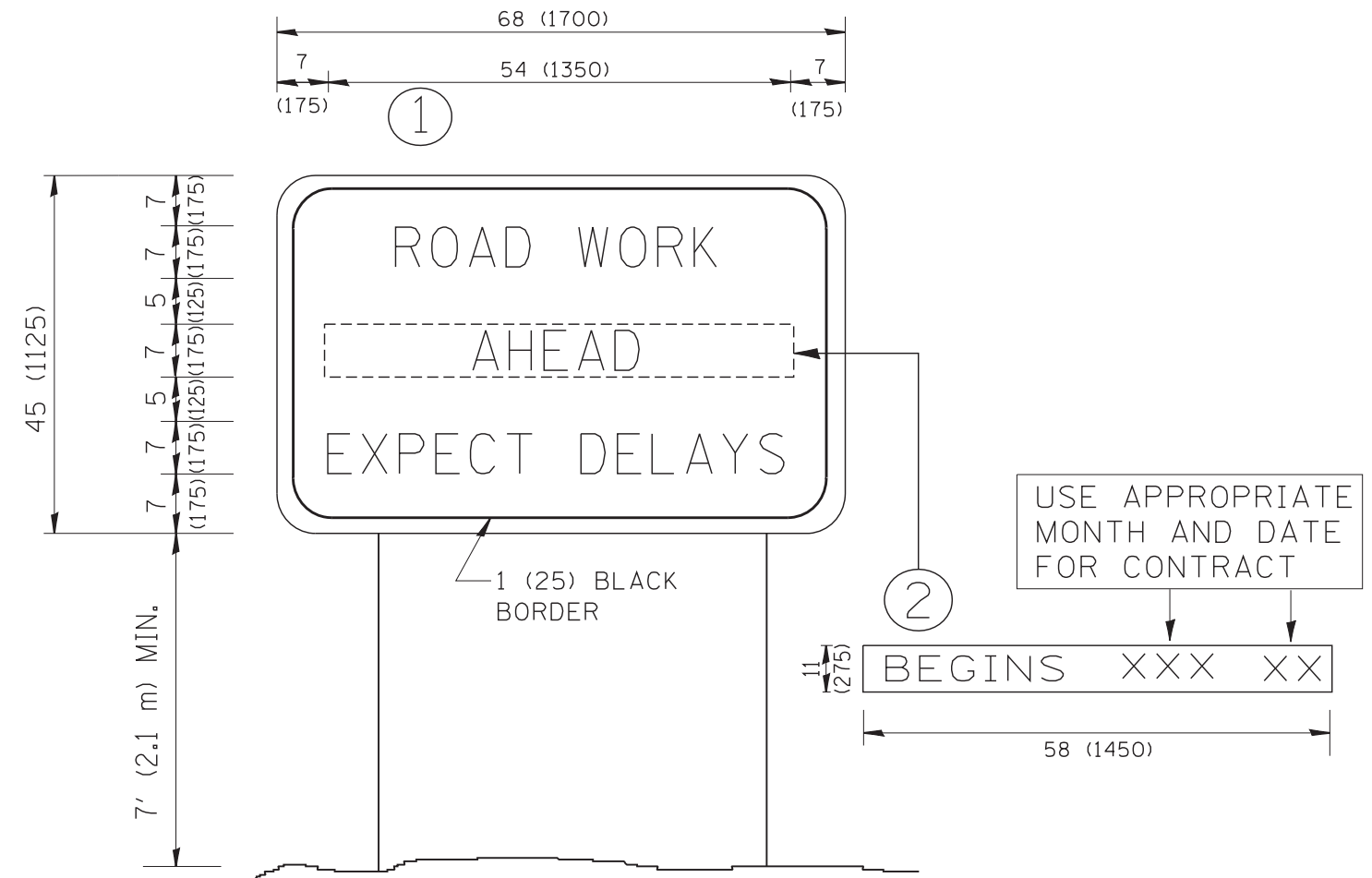
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2011-025-GRR	KANE	19	18
<b>TC-10</b>		CONTRACT NO. 60P25		
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.

\* VARIOUS ROUTES

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegltonbt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	201-025-GRR	KANE	19	19
<b>TC-22</b>			<b>CONTRACT NO. 60P25</b>	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				