



## INDEX OF SHEETS

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## STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OF MOVING OPERATIONS FOR SPEEDS ≥ 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES

## GENERAL NOTES

- 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.
- ALL PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE PROJECT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.
- ALL HMA PATCHING SHALL BE CLASS D.
- 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.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES 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.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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 RESIDENT ENGINEER SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- THE ENGINEER SHALL CONTACT MR. DON CHIARUGI, TRAFFIC FIELD ENGINEER, AT (847) 741-9857 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE START OF THIS PROJECT SO THAT EXACT STATIONING OF NO PASSING ZONES AND OTHER PERMANENT PAVEMENT MARKINGS MAY BE ESTABLISHED.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABBUTTING 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 IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LAND MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL FOR TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SHOWN IN THE PLANS.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH DISTRICT ONE STANDARD BD-32.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

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 USER NAME = J.Frey  
 PLOT DEVICE = JFrey



200 West Front Street  
Wheaton, IL 60187

DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HIGGINS ROAD  
INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.P. RTE. 341	SECTION 3077-RS	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 2	CONTRACT NO. 60H35
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES			URBAN	
CODE NO.	ITEM DESCRIPTION	UNIT	100% STATE TOTAL QUANTITY	CONSTRUCTION TYPE CODE 1000
20201006	GRADING AND SHAPING SHOULDERS	UNIT	357	357
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	90	90
40600300	AGGREGATE (PRIME COAT)	TON	609	609
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	50	50
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	450	450
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	2,038	2,038
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	12,780	12,780
42001300	PROTECTIVE COAT	SQ YD	233	233
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	152,143	152,143
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	700	700
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	9,100	9,100
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	500	500
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	700	700
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	2,400	2,400
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	5,500	5,500
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	442	442
55039700	STORM SEWERS TO BE CLEANED	FOOT	2,000	2,000
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	5	5
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	9,192	9,192
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,724	1,724
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	104,726	104,726
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7,442	7,442
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	240	240
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,430	2,430
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	570	570
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,064	3,064

\* SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN	
CODE NO.	ITEM DESCRIPTION	UNIT	100% STATE TOTAL QUANTITY	CONSTRUCTION TYPE CODE 1000
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,724	1,724
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	104,726	104,726
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7,442	7,442
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	240	240
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,430	2,430
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	570	570
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	885	885
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	805	805
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2,991	2,991
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	105	105
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N70	TON	6,390	6,390
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	10	10
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	5	5
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

\* SPECIALTY ITEM

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200 West Front Street  
Wheaton, IL 60187

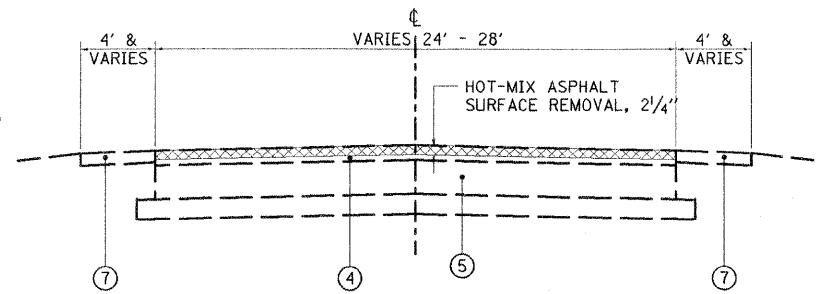
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DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HIGGINS ROAD  
SUMMARY OF QUANTITIES

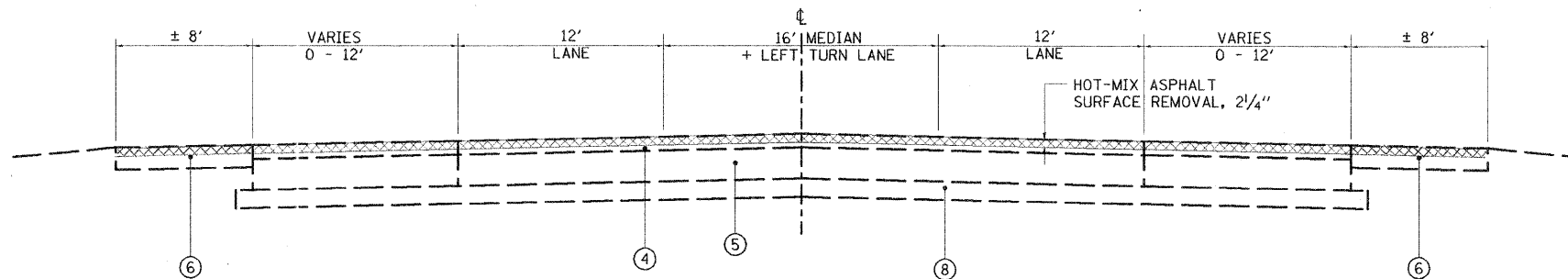
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F.A.P. RTE. 341	SECTION 3077-RS	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 3
CONTRACT NO. 60H35				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



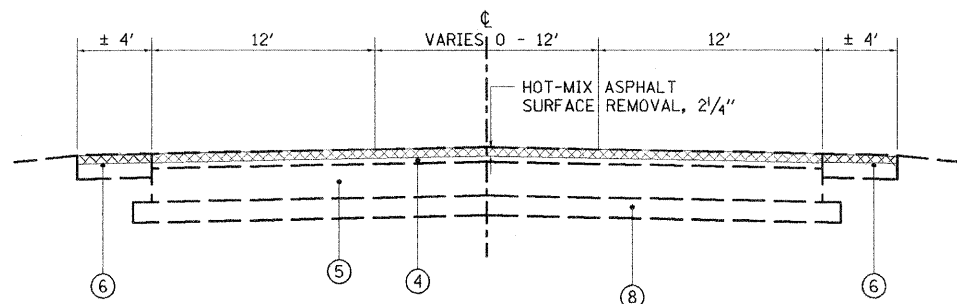
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STA. 10+00 TO STA. 34+51  
 STA. 52+94 TO STA. 55+77  
 STA. 156+26 TO STA. 182+56  
 STA. 198+22 TO STA. 221+49



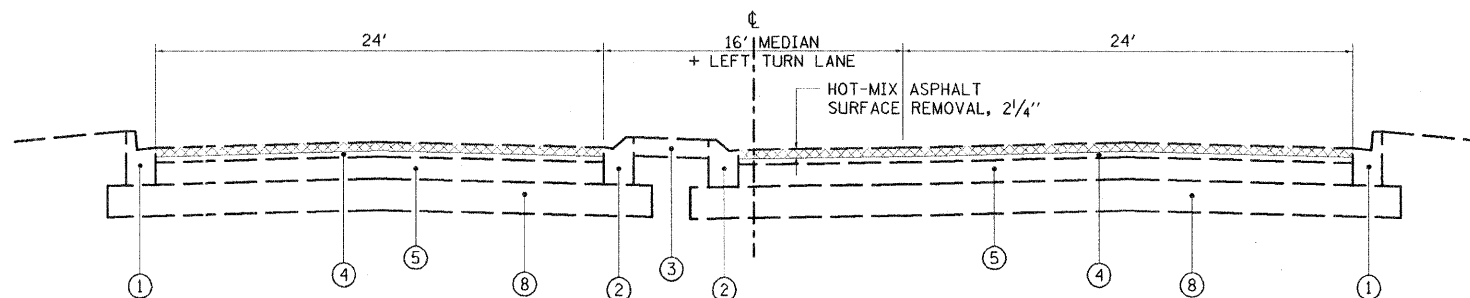
**EXISTING TYPICAL SECTION HIGGINS ROAD**

STA. 119+79 TO STA. 156+26



**EXISTING TYPICAL SECTION HIGGINS ROAD**

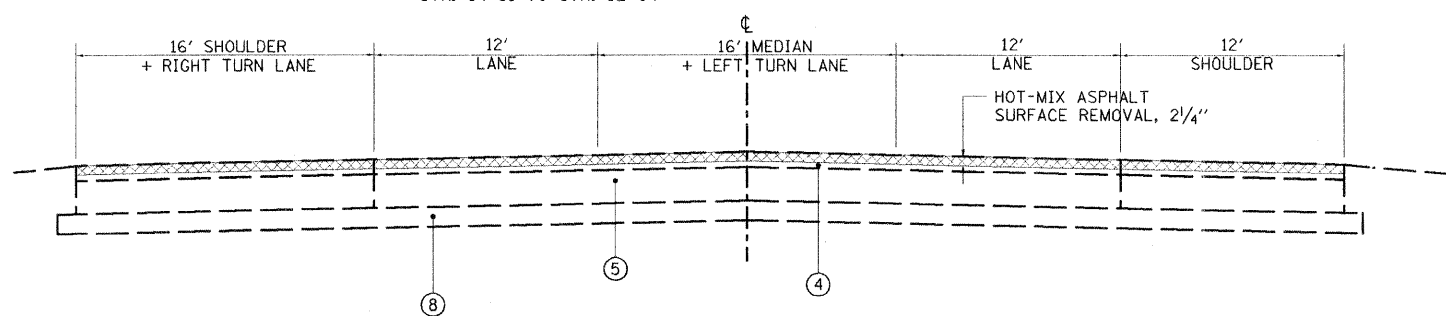
STA. 34+51 TO STA. 52+94



**EXISTING TYPICAL SECTION HIGGINS ROAD**

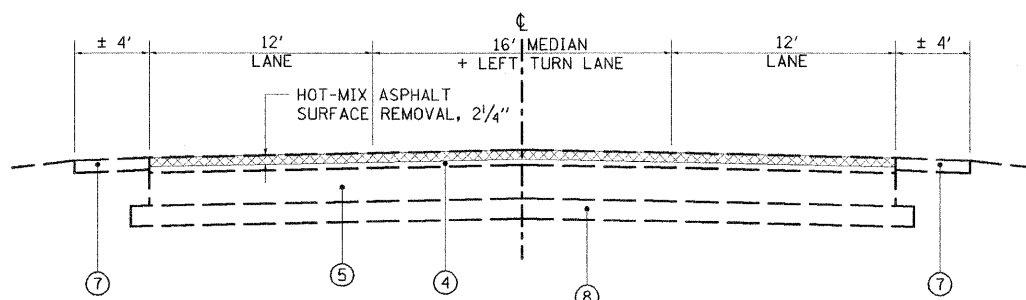
STA. 230+27 TO STA. 251+61

NOTE: REVERSE ABOUT CENTERLINE, FOR OPPOSITE DIRECTION



**EXISTING TYPICAL SECTION HIGGINS ROAD**

STA. 55+77 TO STA. 93+12



**EXISTING TYPICAL SECTION HIGGINS ROAD**

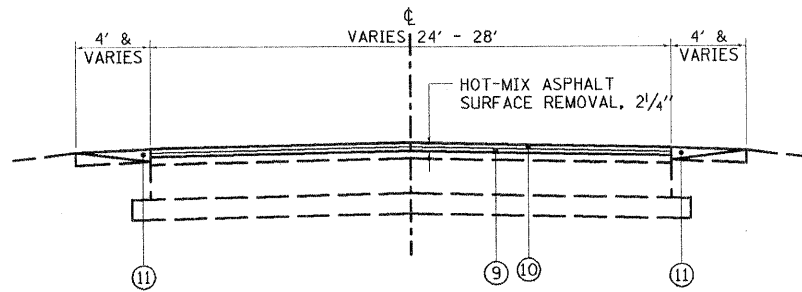
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 STA. 182+56 TO STA. 198+22  
 STA. 221+49 TO STA. 230+27

**LEGEND**

- ① EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ② EXISTING COMBINATION CURB AND GUTTER, TYPE M-2.12
- ③ EXISTING HMA MEDIAN
- ④ EXISTING HOT-MIX ASPHALT PAVEMENT, ±4" (BEFORE SURFACE REMOVAL)
- ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, ±14" (BEFORE SURFACE REMOVAL)
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER, ±8" (BEFORE SURFACE REMOVAL)
- ⑦ EXISTING AGGREGATE SHOULDER ±6"
- ⑧ EXISTING AGGREGATE BASE COURSE
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑪ PROPOSED GRADING AND SHAPING SHOULDERS  
 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

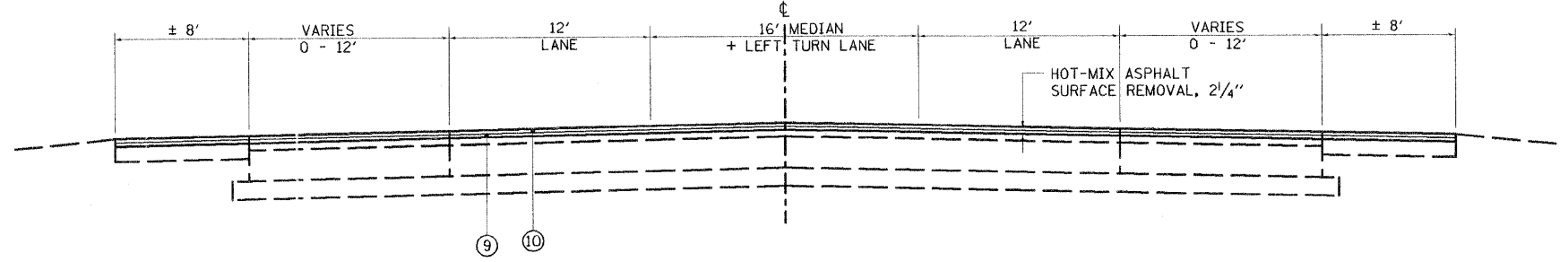
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DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

F.A.P. RTE. 341	SECTION 62 RS-2	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H35	



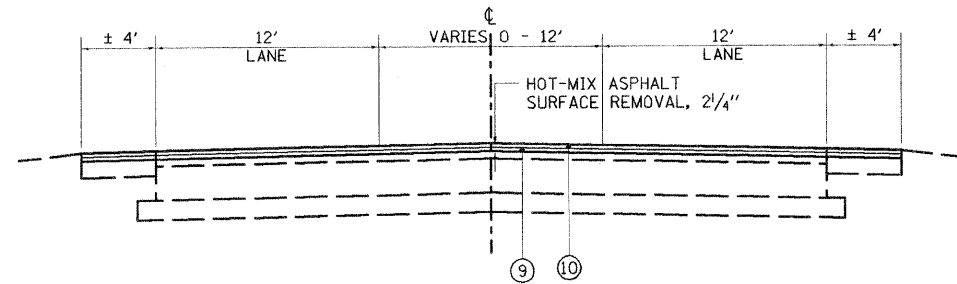
**PROPOSED TYPICAL SECTION HIGGINS ROAD**

STA. 10+00 TO STA. 34+51  
 STA. 52+94 TO STA. 55+77  
 STA. 156+26 TO STA. 182+56  
 STA. 198+22 TO STA. 221+49



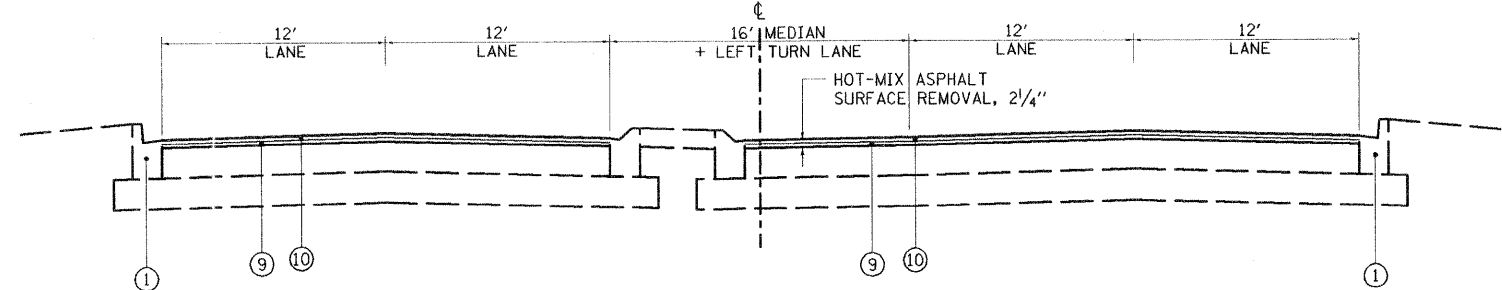
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STA. 119+79 TO STA. 156+26



**PROPOSED TYPICAL SECTION HIGGINS ROAD**

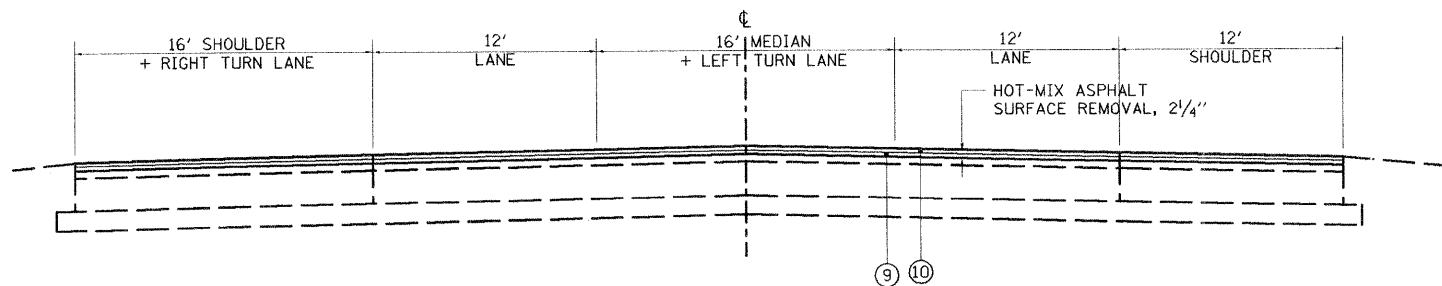
STA. 34+51 TO STA. 52+94



**PROPOSED TYPICAL SECTION HIGGINS ROAD**

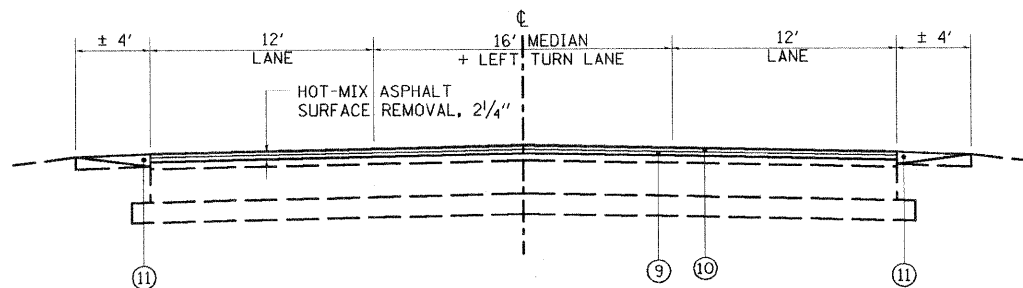
STA. 230+27 TO STA. 251+61

NOTE: REVERSE ABOUT CENTERLINE, FOR OPPOSITE DIRECTION



**PROPOSED TYPICAL SECTION HIGGINS ROAD**

STA. 55+77 TO STA. 93+12



**PROPOSED TYPICAL SECTION HIGGINS ROAD**

STA. 93+12 TO STA. 119+79  
 STA. 182+56 TO STA. 198+22  
 STA. 221+49 TO STA. 230+27

**HOT-MIX ASPHALT MIXTURE**

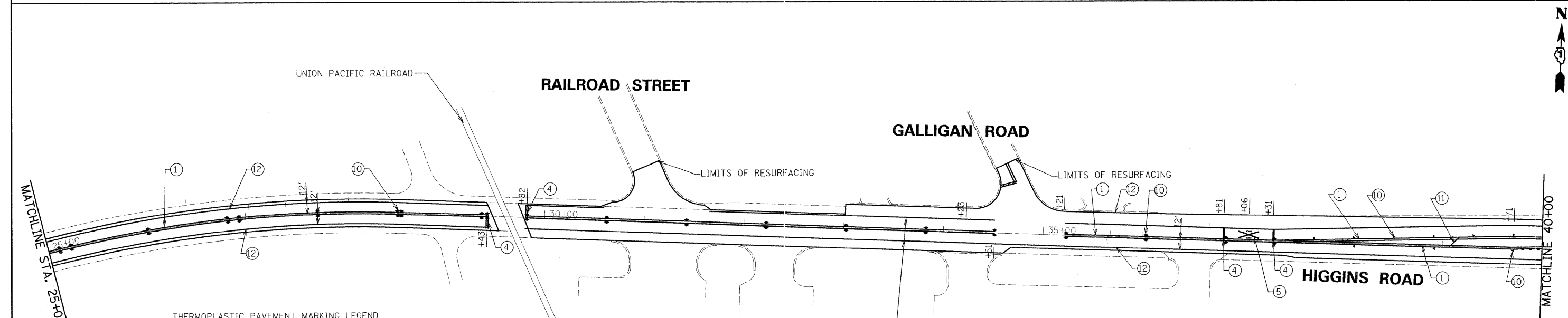
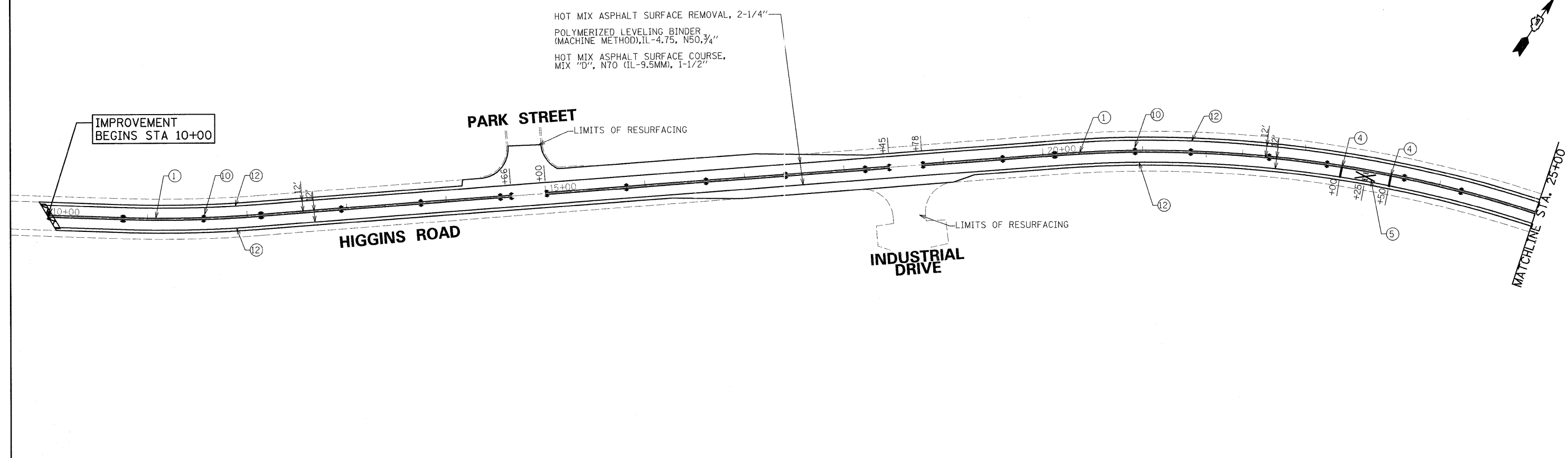
MIXTURE	AC TYPE	AIR VOIDS (%)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 70 GYR.
CLASS D PATCH (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

\*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

**LEGEND**

- ① EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ② EXISTING COMBINATION CURB AND GUTTER, TYPE M-2.12
- ③ EXISTING HMA MEDIAN
- ④ EXISTING HOT-MIX ASPHALT PAVEMENT, ±4" (BEFORE SURFACE REMOVAL)
- ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, ±14" (BEFORE SURFACE REMOVAL)
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER, ±8" (BEFORE SURFACE REMOVAL)
- ⑦ EXISTING AGGREGATE SHOULDER ±6"
- ⑧ EXISTING AGGREGATE BASE COURSE
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1/2"
- ⑪ PROPOSED GRADING AND SHAPING SHOULDERS  
 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |
- ◁ ONE-WAY CRYSTAL  
 ▲ ONE-WAY AMBER  
 ◆ TWO-WAY AMBER

PLOT DATE = 4/22/2009  
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 MODEL =



200 West Front Street  
 Wheaton, IL 60187

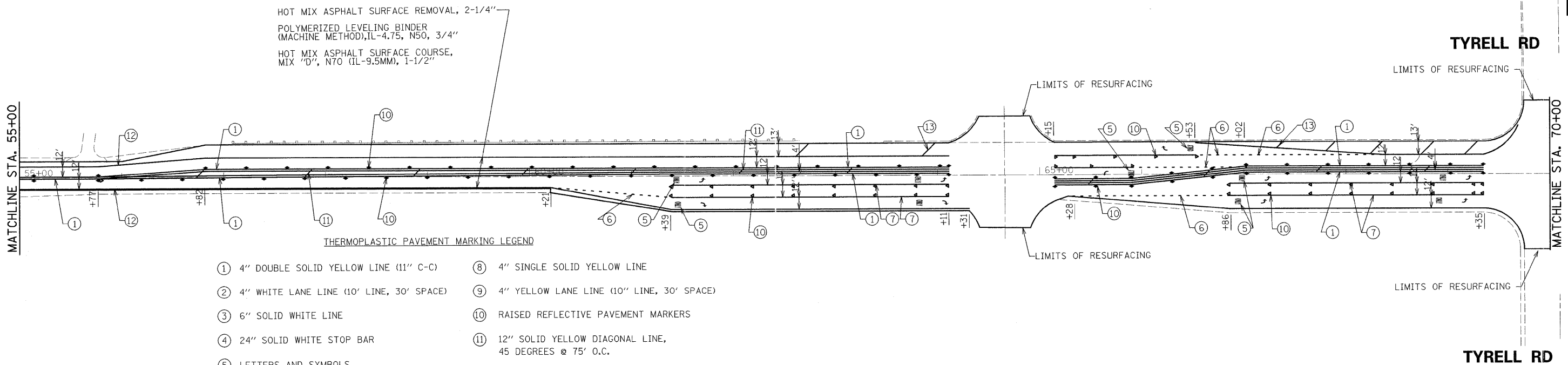
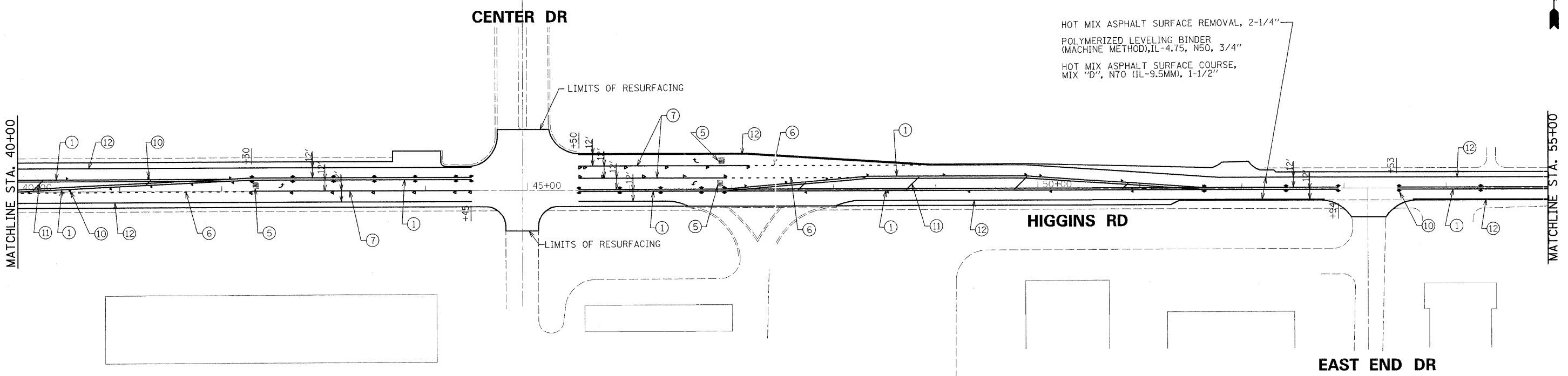
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DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HIGGINS ROAD  
 ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 9 SHEETS STA. 10+00 TO STA. 40+00

F.A.P. RTE. 341	SECTION 3077-RS	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 5
CONTRACT NO. 60H35				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



- THERMOPLASTIC PAVEMENT MARKING LEGEND**
- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |
- ◁ ONE-WAY CRYSTAL  
 ▲ ONE-WAY AMBER  
 ◆ TWO-WAY AMBER

PLOT DATE: 4/17/2018  
 PLOT SCALE: 1/8"=1'-0"  
 MODEL: J:\Trinity



200 West Front Street  
Wheaton, IL 60187

DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

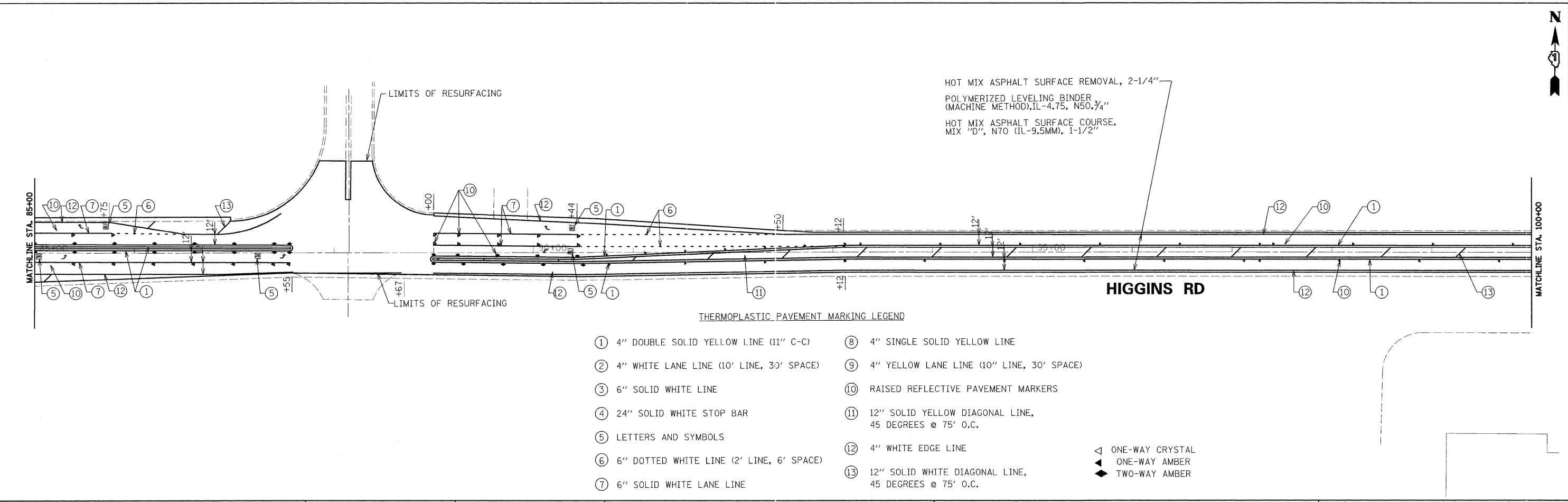
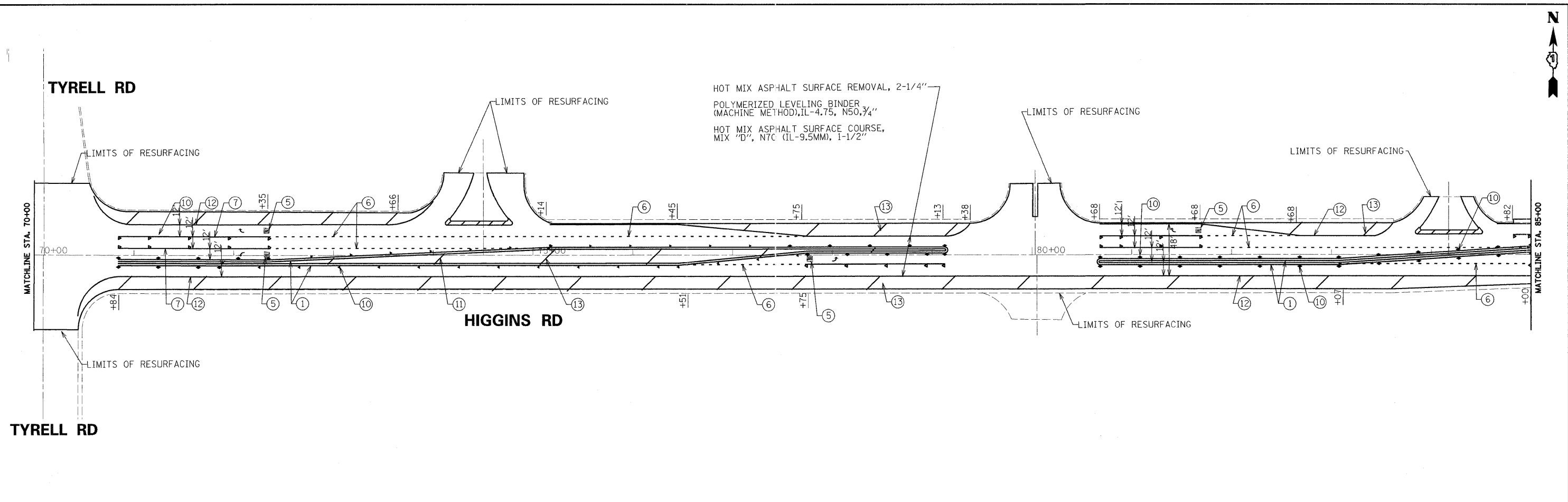
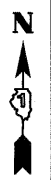
**HIGGINS ROAD  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1" = 50'    SHEET NO. 2 OF 9 SHEETS    STA. 40+00 TO STA. 70+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	3077-RS	KANE	30	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60H35





- THERMOPLASTIC PAVEMENT MARKING LEGEND**
- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |
- ◁ ONE-WAY CRYSTAL  
 ▲ ONE-WAY AMBER  
 ◆ TWO-WAY AMBER

DATE: 4/22/2008  
 FILE NAME: I:\11222615\11222615.dwg  
 USER: JRM  
 MODEL:



200 West Front Street  
Wheaton, IL 60187

DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

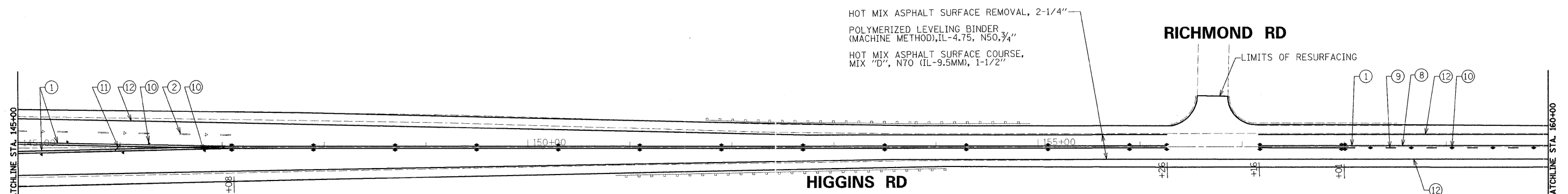
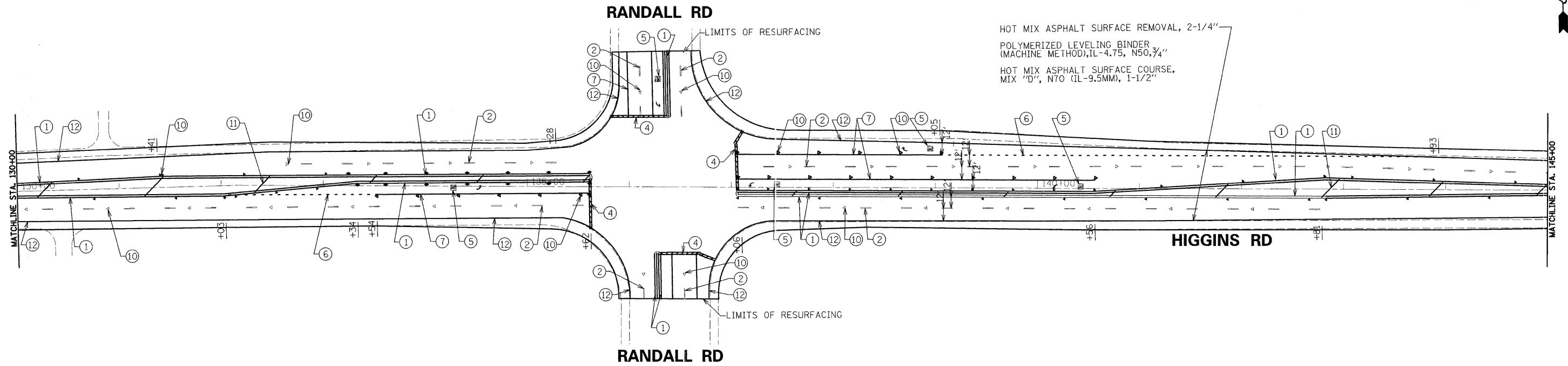
**HIGGINS ROAD  
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1" = 50'    SHEET NO. 3 OF 9 SHEETS    STA. 70+00 TO STA. 100+00

F.A.P. RTE. 341	SECTION 3077-RS	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 7
CONTRACT NO. 60H35				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				







**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |
- ◁ ONE-WAY CRYSTAL  
 ▲ ONE-WAY AMBER  
 ◆ TWO-WAY AMBER

PLOT DATE: 4/22/2018  
 FILE NAME: I:\31222018\From st. Louis\04-21-18\Higgins\Drawings\1122.PLA-B.dgn  
 USER NAME: jmc  
 MODEL:



200 West Front Street  
 Wheaton, IL 60187

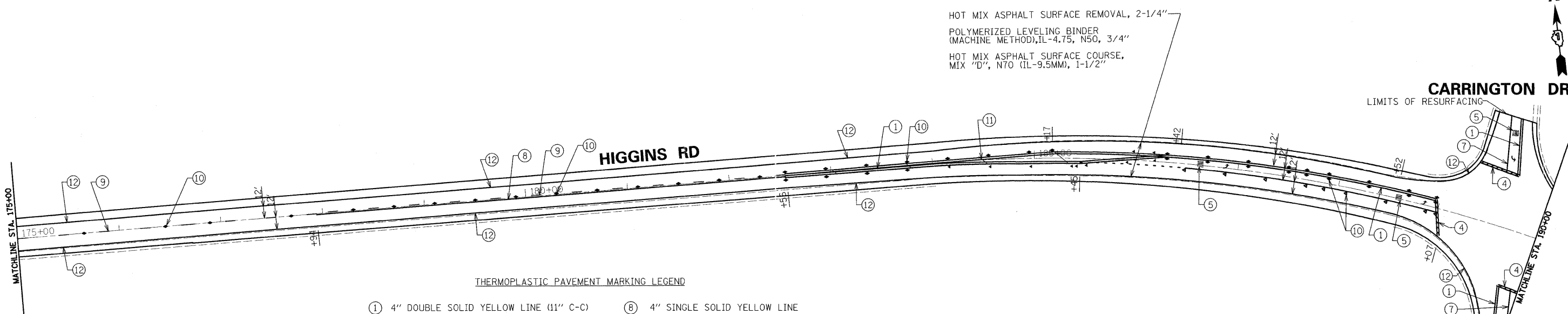
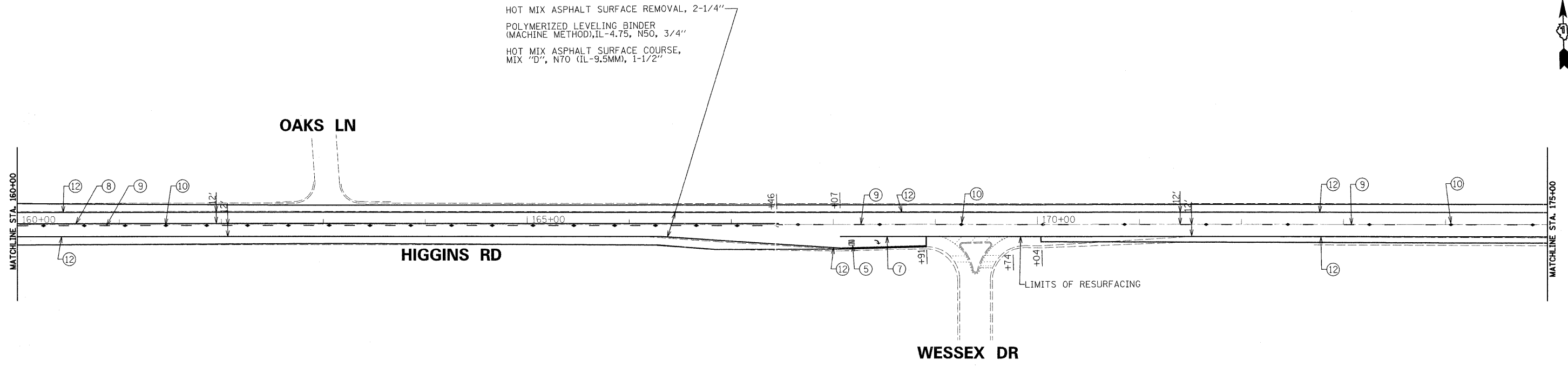
DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>HIGGINS ROAD ROADWAY AND PAVEMENT MARKING PLAN</b>	
SCALE: 1" = 50'	SHEET NO. 5 OF 9 SHEETS STA. 130+00 TO STA. 160+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	3077-RS	KANE	30	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 60H35**



**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10' LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |
- ◁ ONE-WAY CRYSTAL  
 ▲ ONE-WAY AMBER  
 ◆ TWO-WAY AMBER

PLOT DATE: 4/22/2008  
 FILE NAME: I:\11226\15\From st. louis\04-21-08\higgins\plans\172\_Plan6.dgn  
 USER NAME: jfrancey  
 MODEL:



200 West Front Street  
 Wheaton, IL 60187

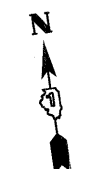
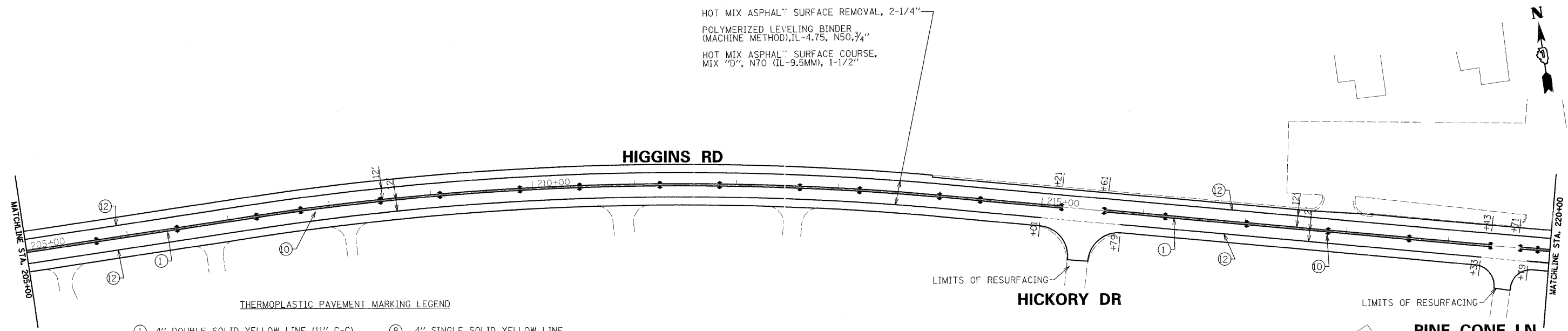
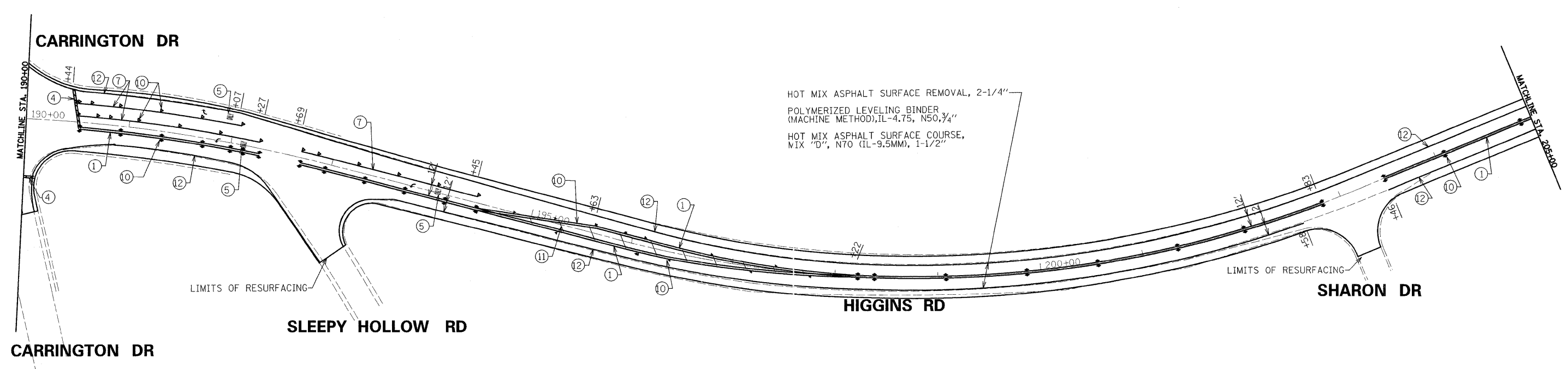
DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HIGGINS ROAD  
 ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1" = 50' SHEET NO. 6 OF 9 SHEETS STA. 160+00 TO STA. 190+00

F.A.P. RTE. 341	SECTION 3077-RS	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H35	



**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- |                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         |

- ◁ ONE-WAY CRYSTAL
- ▲ ONE-WAY AMBER
- ◆ TWO-WAY AMBER

PLOT DATE: 4/22/2008  
 FILE NAME: N:\122556\From st. Louis\4-21-08\higgins\higgins\11.7z\_pln-7.dgn  
 USER NAME: jfr  
 MODEL:



200 West Front Street  
Wheaton, IL 60187

DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HIGGINS ROAD  
ROADWAY AND PAVEMENT MARKING PLAN**

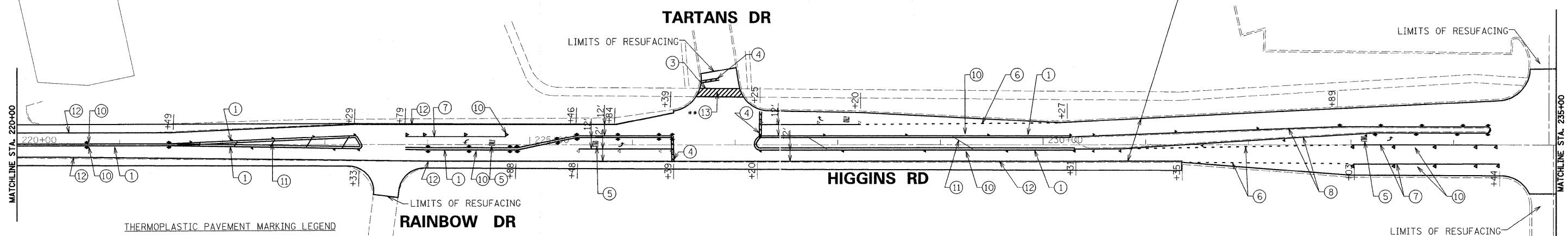
SCALE: 1" = 50'    SHEET NO. 7 OF 9 SHEETS    STA. 190+00 TO STA. 220+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	3077-RS	KANE	30	11
CONTRACT NO. 60H35				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



\*\* SPACING 3' O.C.

HOT MIX ASPHALT SURFACE REMOVAL, 2-1/4"  
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"  
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM), 1-1/2"



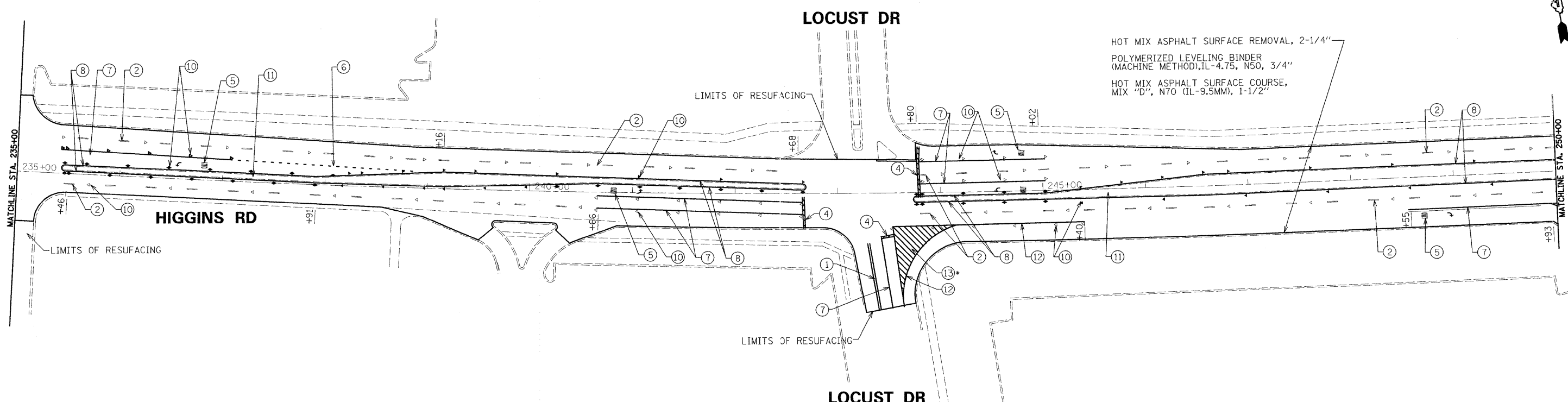
**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)
- ② 4" WHITE LANE LINE (10' LINE, 30' SPACE)
- ③ 6" SOLID WHITE LINE
- ④ 24" SOLID WHITE STOP BAR
- ⑤ LETTERS AND SYMBOLS
- ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE)
- ⑦ 6" SOLID WHITE LANE LINE
- ⑧ 4" SINGLE SOLID YELLOW LINE
- ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)
- ⑩ RAISED REFLECTIVE PAVEMENT MARKERS
- ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C.
- ⑫ 4" WHITE EDGE LINE
- ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.

- ◁ ONE-WAY CRYSTAL
- ▲ ONE-WAY AMBER
- ◆ TWO-WAY AMBER



HOT MIX ASPHALT SURFACE REMOVAL, 2-1/4"  
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"  
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM), 1-1/2"



\* SPACING 4' O.C.

PLOT DATE: 4/22/2008  
 FILE NAME: S:\11225815\from st. Louis\A4-21-08\Higgins\shera\1172\_PLAN.B.dgn  
 USER NAME: jfreney  
 SHEET:

**rjngroup**  
Excellence through Ownership

200 West Front Street  
Wheaton, IL 60187

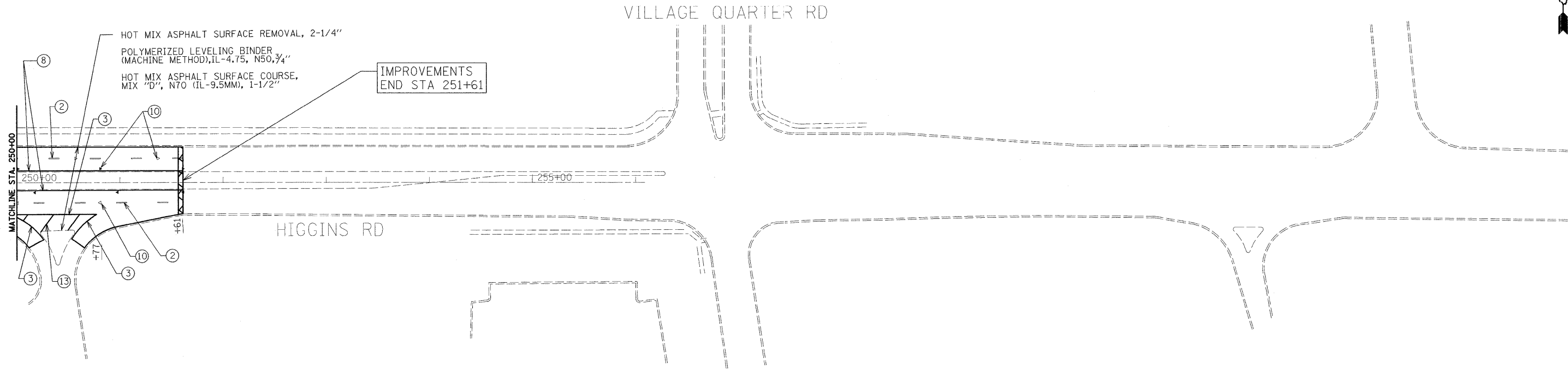
DESIGNED -	KSD	REVISED -	
DRAWN -	KSD	REVISED -	
CHECKED -	CMJ	REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**HIGGINS ROAD**  
**ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1" = 50' SHEET NO. 8 OF 9 SHEETS STA. 220+00 TO STA. 250+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	3077-RS	KANE	30	12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H35	



**THERMOPLASTIC PAVEMENT MARKING LEGEND**

- |                                            |                                                         |                   |
|--------------------------------------------|---------------------------------------------------------|-------------------|
| ① 4" DOUBLE SOLID YELLOW LINE (11" C-C)    | ⑧ 4" SINGLE SOLID YELLOW LINE                           |                   |
| ② 4" WHITE LANE LINE (10' LINE, 30' SPACE) | ⑨ 4" YELLOW LANE LINE (10" LINE, 30' SPACE)             |                   |
| ③ 6" SOLID WHITE LINE                      | ⑩ RAISED REFLECTIVE PAVEMENT MARKERS                    |                   |
| ④ 24" SOLID WHITE STOP BAR                 | ⑪ 12" SOLID YELLOW DIAGONAL LINE, 45 DEGREES @ 75' O.C. |                   |
| ⑤ LETTERS AND SYMBOLS                      | ⑫ 4" WHITE EDGE LINE                                    | ◁ ONE-WAY CRYSTAL |
| ⑥ 6" DOTTED WHITE LINE (2' LINE, 6' SPACE) | ⑬ 12" SOLID WHITE DIAGONAL LINE, 45 DEGREES @ 75' O.C.  | ▲ ONE-WAY AMBER   |
| ⑦ 6" SOLID WHITE LANE LINE                 |                                                         | ◆ TWO-WAY AMBER   |

PLOT DATE : 4/22/2009  
 FILE NAME : N:\22255161\from st. Louis\04-21-09\higgins\higgins\1172\_Plan.dwg  
 USER NAME : jtracy  
 MODEL :



200 West Front Street  
Wheaton, IL 60187

DESIGNED - KSD	REVISED -
DRAWN - KSD	REVISED -
CHECKED - CMJ	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HIGGINS ROAD  
ROADWAY AND PAVEMENT MARKING PLAN**

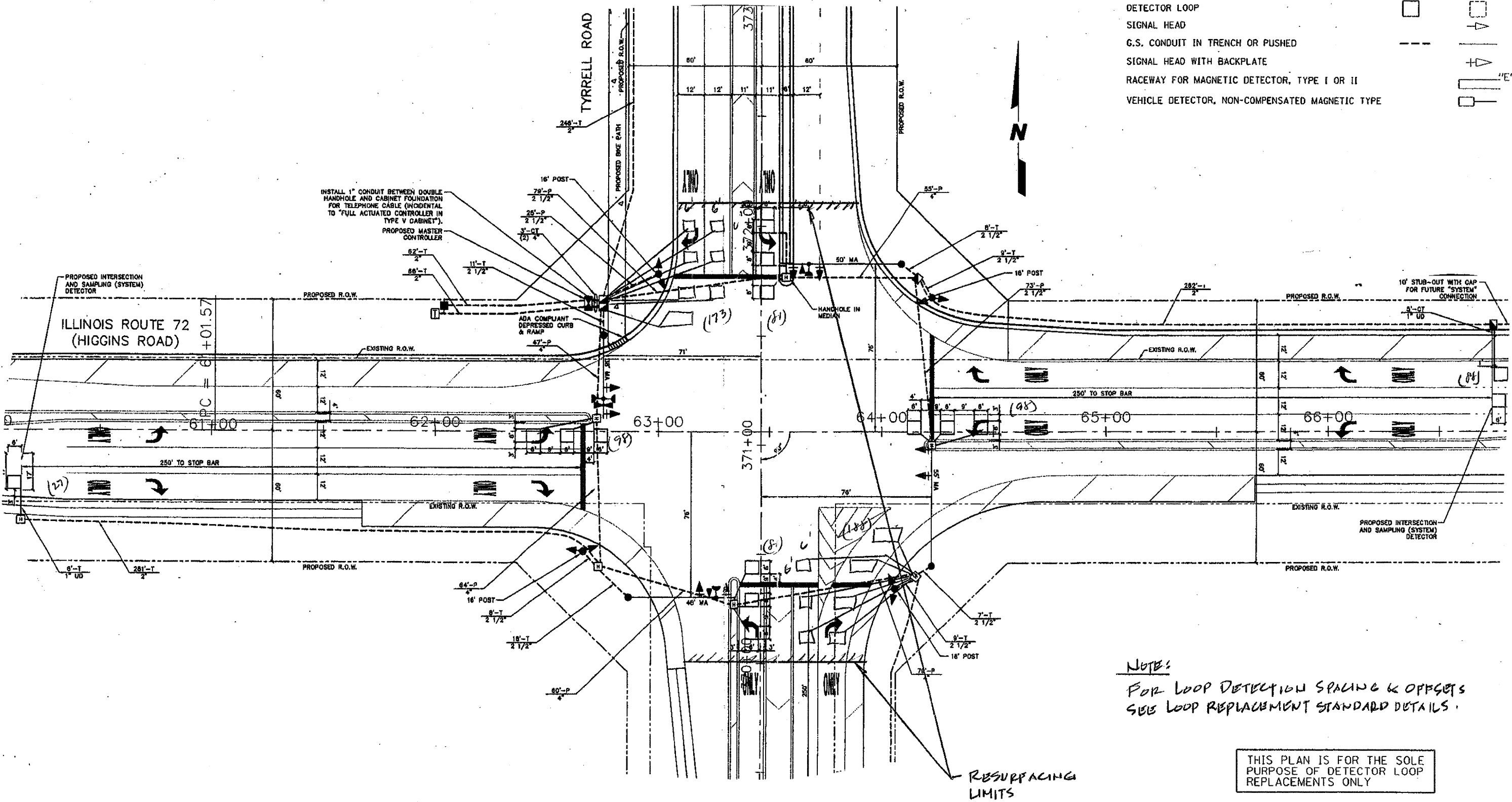
SCALE: 1" = 50' SHEET NO. 9 OF 9 SHEETS STA. 250+00 TO STA. 251+61

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	3077-RS	KANE	30	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 60H35**

**TRAFFIC SIGNAL LEGEND**

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



**NOTE:**  
 FOR LOOP DETECTION SPACING & OFFSETS  
 SEE LOOP REPLACEMENT STANDARD DETAILS.

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

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

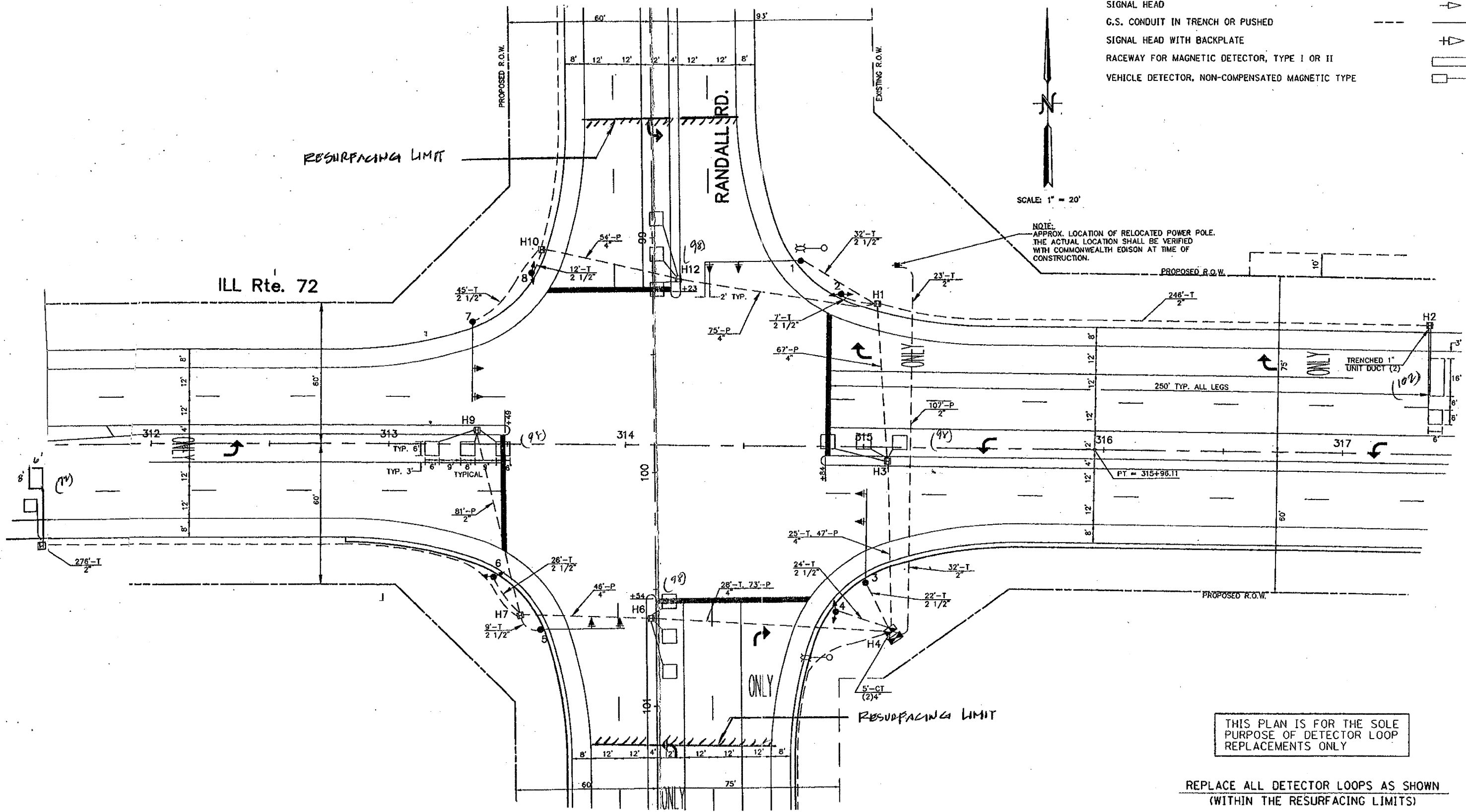
CODE	QUANTITY	UNIT	ITEM
86600600	821	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = konthaphixaybc	DESIGNED - BCK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT ILL. ROUTE 72 @ TYRRELL ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\KANTHAPHIXAYBC\d81126	4\traffic.legend.v7.dgn	DRAWN - BCK	REVISED -			341	02 RS-2	KANE	30	14	
PLOT SCALE = 3/32" = 1' IN.	CHECKED - DAD	REVISED -	REVISED -			CONTRACT NO. 60H35					
PLOT DATE = 4/3/2009	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**TRAFFIC SIGNAL LEGEND**

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



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

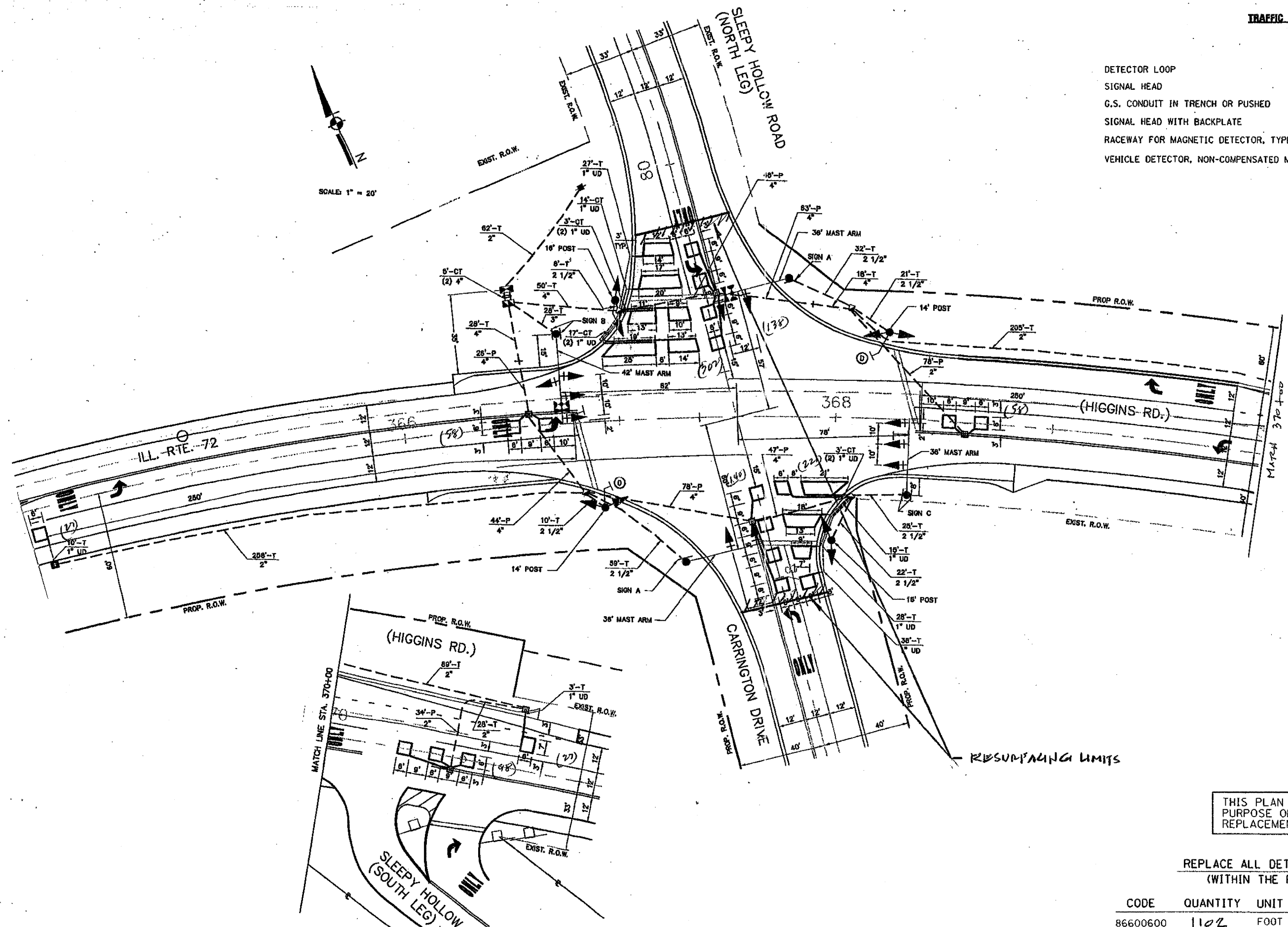
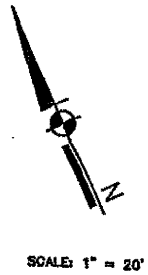
REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
86600600	566	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = konthophaxbo	DESIGNED - BCK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT ILL. ROUTE 72 @ RANDALL ROAD</b>	F.A.P. R.T.C. = 341	SECTION = 02 RS-2	COUNTY = KANE	TOTAL SHEETS = 30	SHEET NO. = 15	
PLLOT SCALE = 3/4" = 1'	CHECKED - DAD	REVISED -	REVISED -			SHEET NO. OF SHEETS =	TO STA. =	FED. ROAD DIST. NO. =	ILLINOIS FED. AID PROJECT =	CONTRACT NO. = 00H35	
PLLOT DATE = 4/3/2009	DATE =	REVISED -	REVISED -								

**TRAFFIC SIGNAL LEGEND**

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



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
86600600	1102	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = konthphxagbc	DESIGNED - BCK	REVISED -
c:\pwwork\pwwork\KANTHAPHIXAYBC\d01126	4\traffico.legend.v7.dgn	DRAWN - BCK	REVISED -
	PLOT SCALE = 3/32" = 1" / IN.	CHECKED - DAO	REVISED -
	PLOT DATE = 4/3/2009	DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

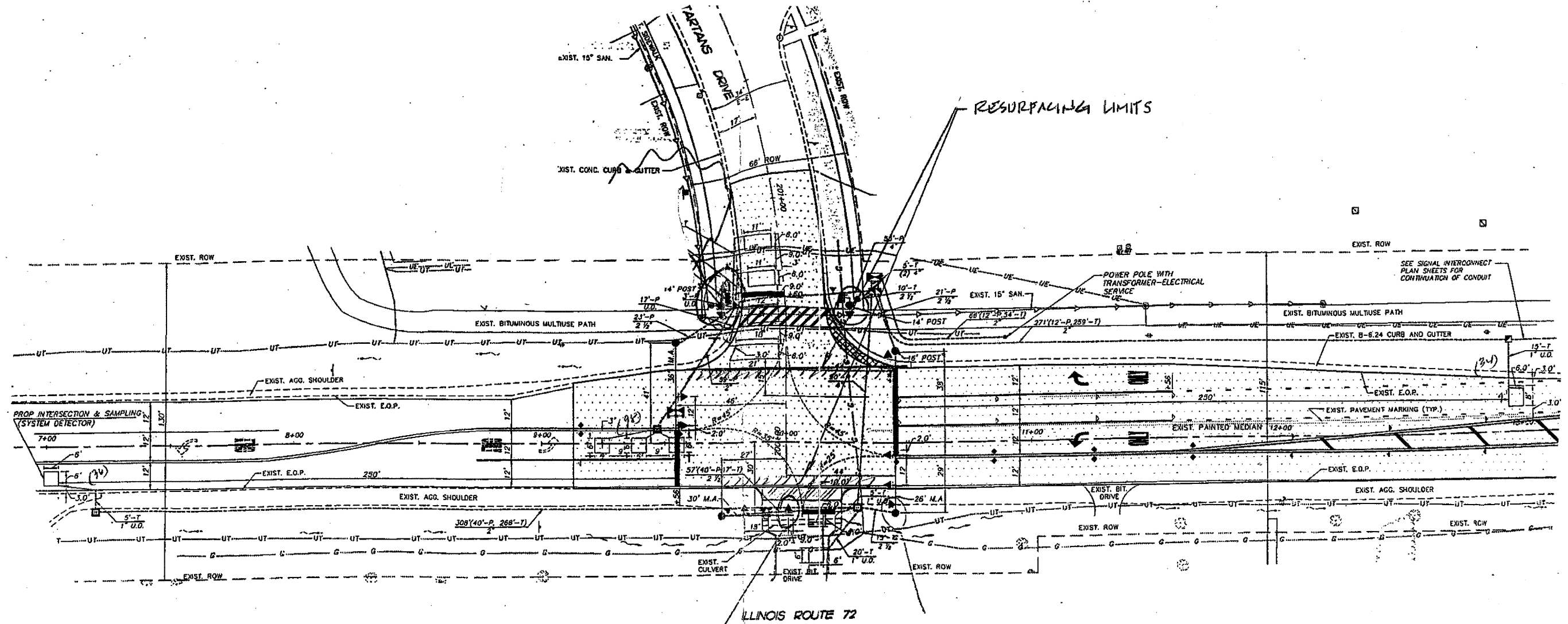
DISTRICT ONE - DETECTOR LOOP REPLACEMENT  
ILL. ROUTE 72 @ N. SLEEPY HOLLOW RD.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	02 RS-2	KANE	30	16
CONTRACT NO. 00H35			FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT	

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

**TRAFFIC SIGNAL LEGEND**

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



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
86600600	168	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = konthphxqbc	DESIGNED - BCK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT ILL. ROUTE 72 @ TARTANS DRIVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\work\PH001\KANTHAPHIXAYBC\d01126	o:\work\offic.legend.v7.dgn	DRAWN - BCK	REVISED -			341	02 RS-2	KANE	30	17	
	PLOT SCALE = 3/4" = 1' IN.	CHECKED - DAD	REVISED -			CONTRACT NO. 60435					
	PLOT DATE = 4/3/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

**TRAFFIC SIGNAL LEGEND**

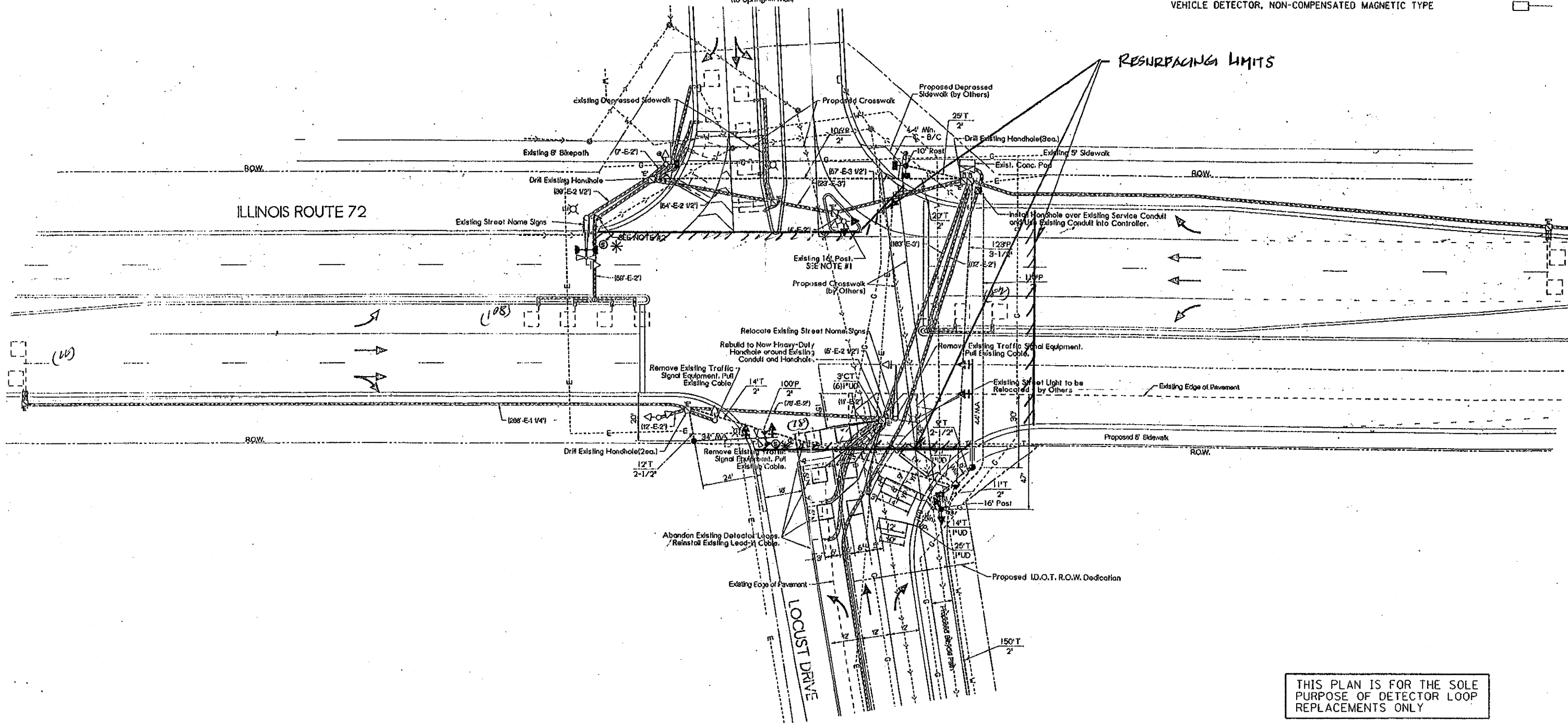
	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



1"=20'

ENTRANCE A  
(to Springhill Mall)

RESURFACING LIMITS

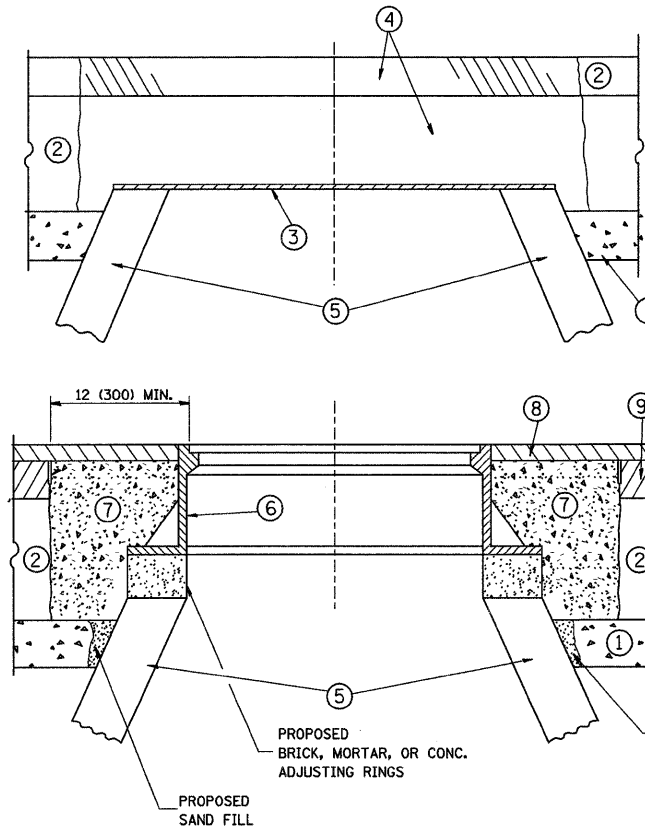


THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
86600600	334	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME =	USER NAME = kenthaphixaybc	DESIGNED - BCK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - DETECTOR LOOP REPLACEMENT ILL. ROUTE 72 @ LOCUST DRIVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
on:\pwork\PHOOT\KANTHAPHIXAYBC\081126	4\work\Tfrc.legend.v7.dgn	DRAWN - BCK	REVISED -			341	02 RS-2	KANE	30	18	
PLOT SCALE = 39.9360' / IN.	CHECKED - DAD	REVISIONS	REVISED -			CONTRACT NO. 00435					
PLOT DATE = 4/3/2009	DATE -	REVISIONS	REVISED -			FED. ROAD DIST. NO. 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 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 SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**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 SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**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.

**LOCATION OF STRUCTURES:**

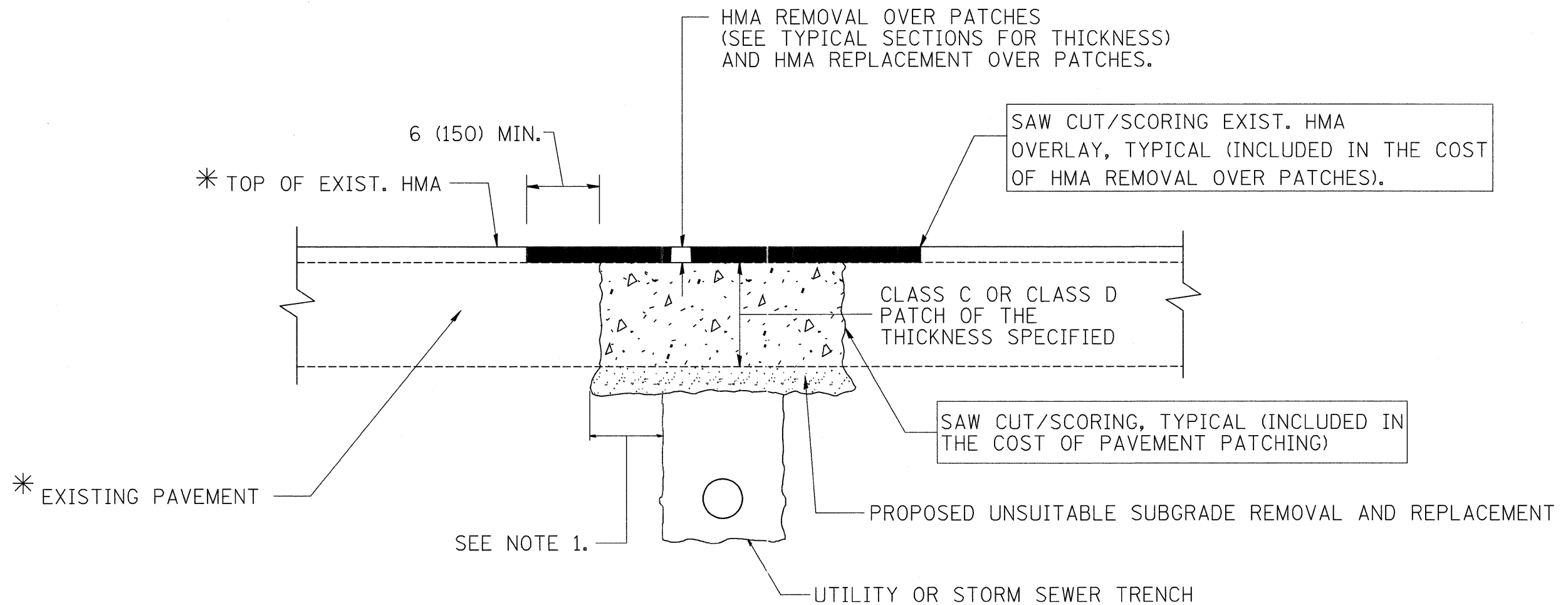
THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:** THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"  
NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\distatd\22x34\bd08.dgn	USER NAME = geglentobt	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. ABBAS 03-21-97		341	62 RS-2	KANE	30	19			
PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. WIEDEMAN 05-14-04	REVISED - R. BORO 01-01-07	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD600-03 (BD-8)</b>		CONTRACT NO. 60H35			
							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**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

FILE NAME = W:\dstata\22x34\bd22.dgn	USER NAME = geglentobt	DESIGNED - R. SHAH	REVISED - A. ABBAS 01-20-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07					341	62 RS-2	KANE	30	20
PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 09-04-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				
								BD400-04 (BD-22) CONTRACT NO. 60H35				

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 OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND 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.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ 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.

⑤ 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.

⑥ 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.

⑦ 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.

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 USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**

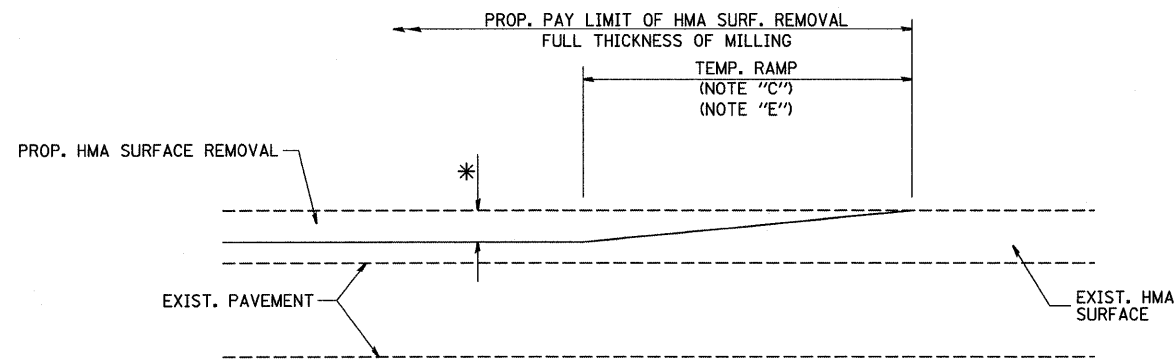
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

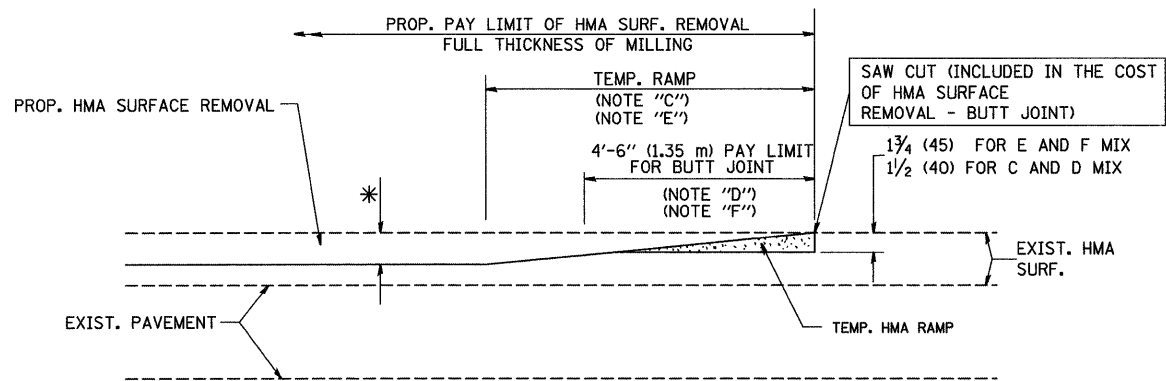
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	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. ABBAS 03-21-97			341	62 RS-2	KANE	30	21
PLOT DATE = 1/4/2008	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 01-01-07	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-06 (BD-24) CONTRACT NO. 60H35		
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		





MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

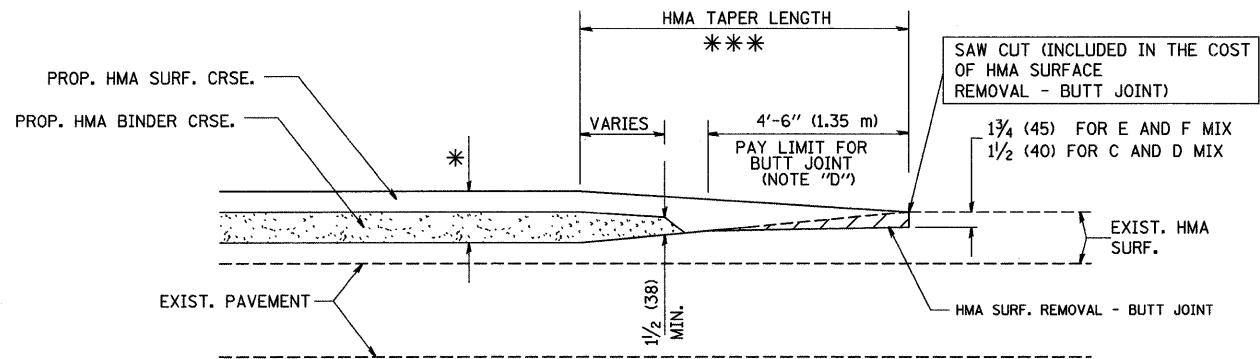
**OPTION 1**



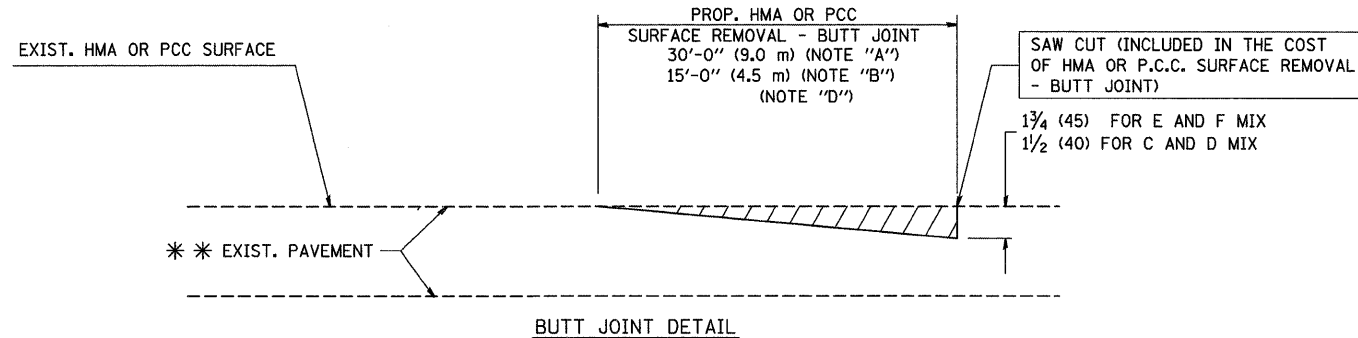
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

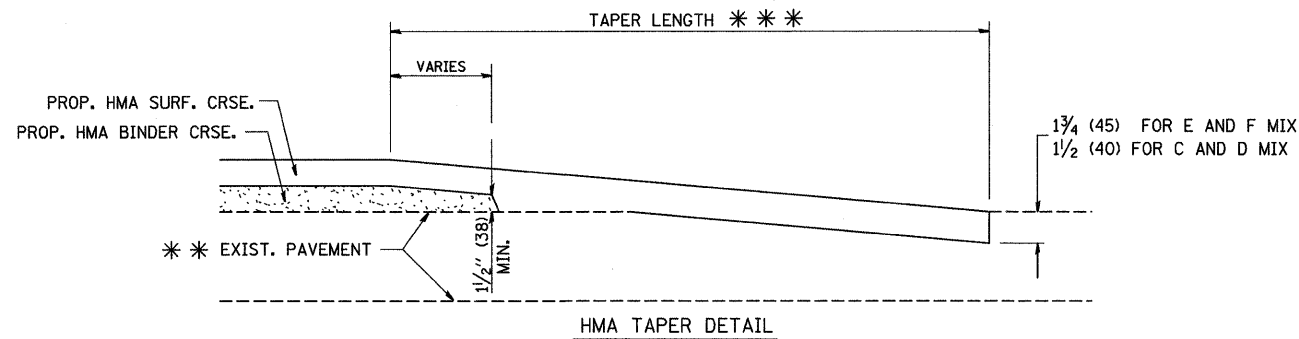
**TYPICAL TEMPORARY RAMP**



BUTT JOINT AND HMA TAPER  
**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



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.

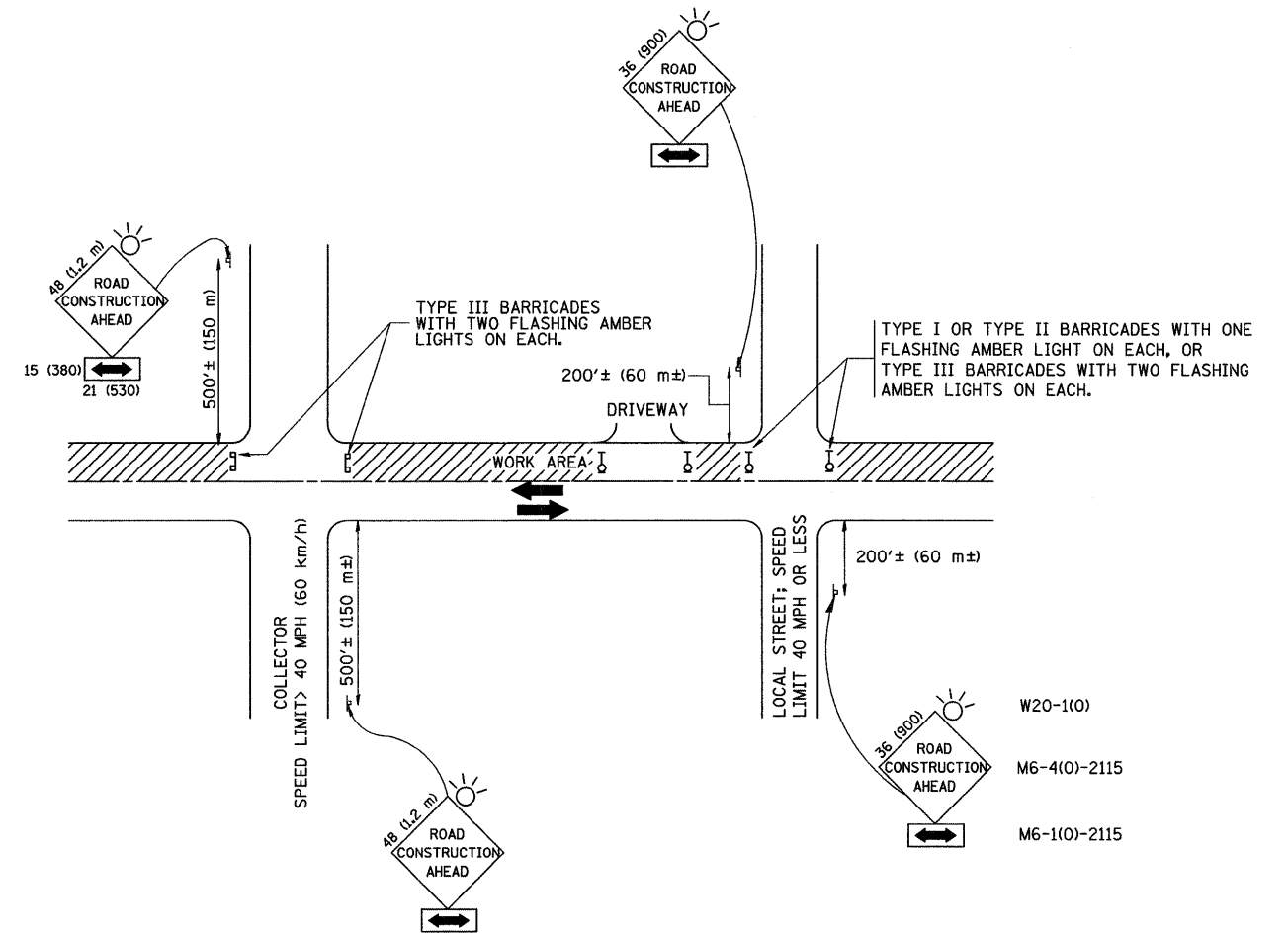
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DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
DRAWN -	REVISED - A. ABBAS 03-21-97
CHECKED -	REVISED - M. GOMEZ 04-06-01
DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	62 RS-2	KANE	30	22
BD400-05 BD32			CONTRACT NO. 60H35	
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.

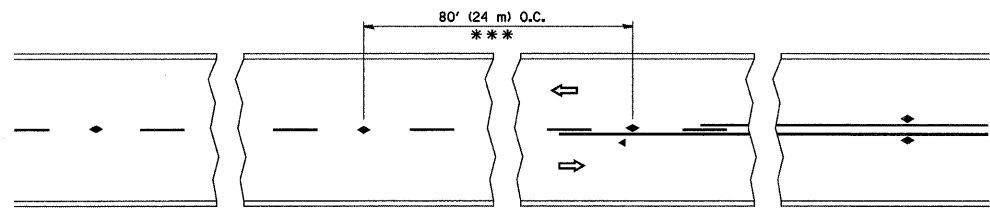
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

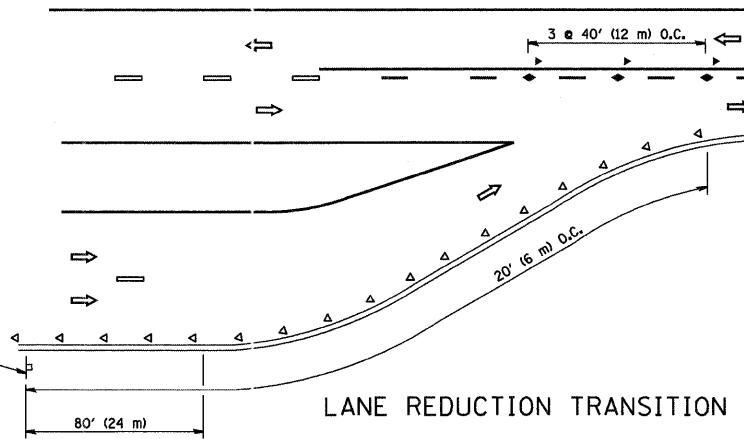
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F.A.P. RTE. 341	SECTION 62 RS-2	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 23
TC-10			CONTRACT NO. 60H35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

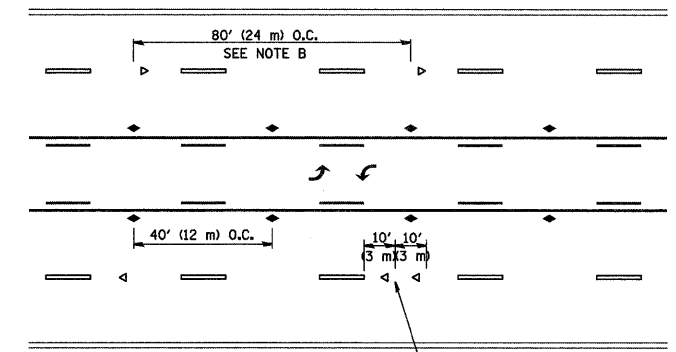


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

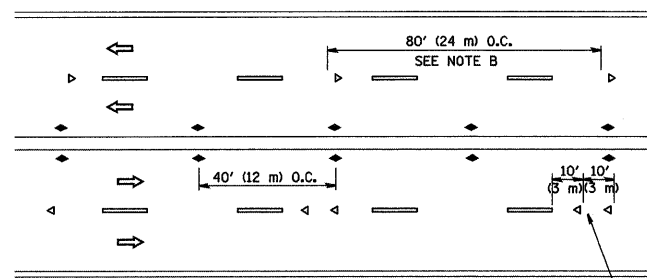
TWO-LANE/TWO-WAY



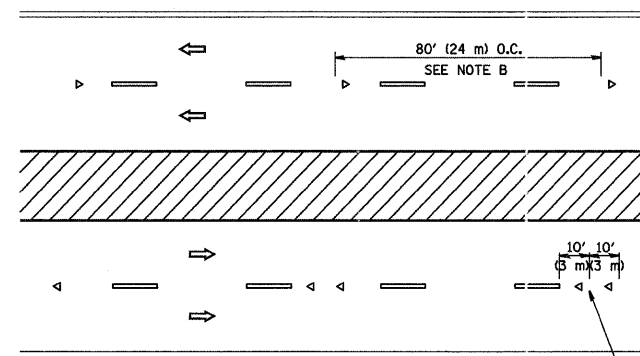
LANE REDUCTION TRANSITION



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

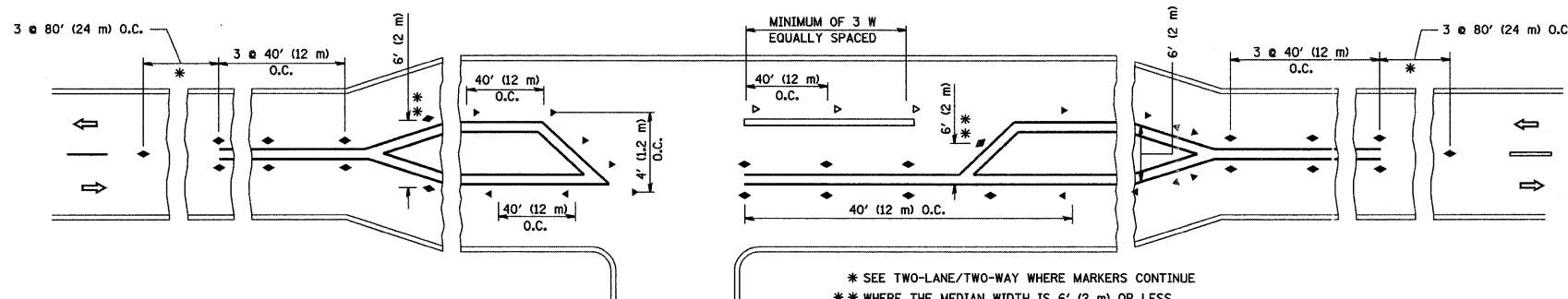
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- 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.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

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 SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

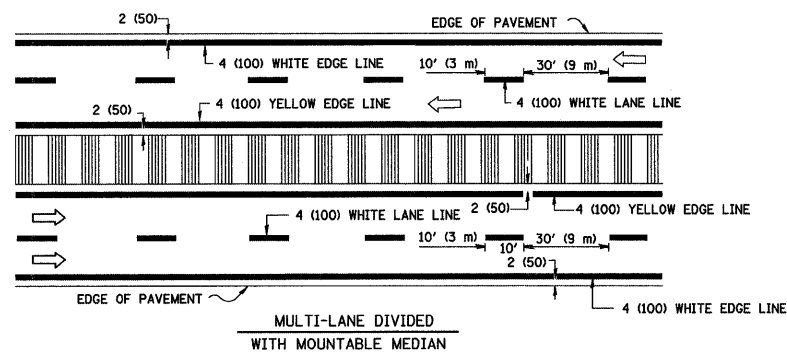
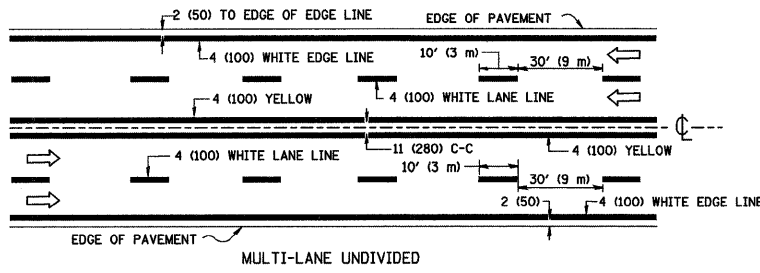
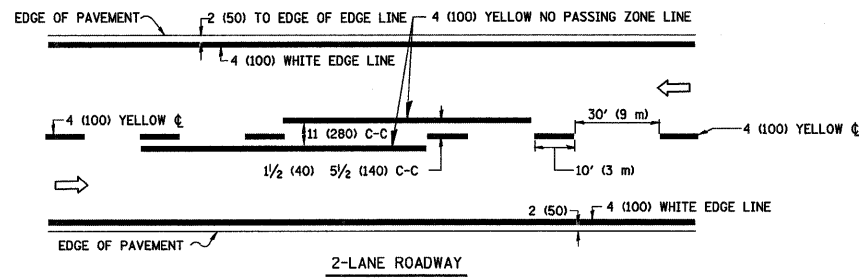


LEFT TURN

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

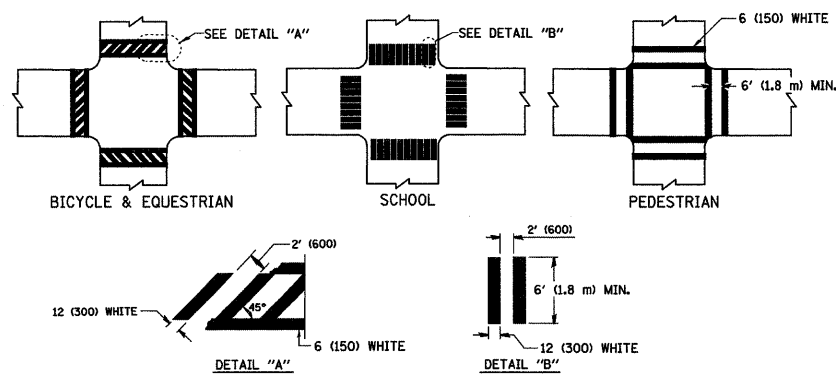
All dimensions are in Inches (millimeters) unless otherwise shown.

FILE NAME = W:\distatd\22x34\td1.dgn	USER NAME = geglennobt	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL APPLICATIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / 1IN.	DRAWN -	REVISED - T. RAMMACHER 03-12-99		<b>RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)</b>			341	62 RS-2	KANE	30	24
PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 01-06-00	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-11</b>		<b>CONTRACT NO. 60H35</b>		
	DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT			

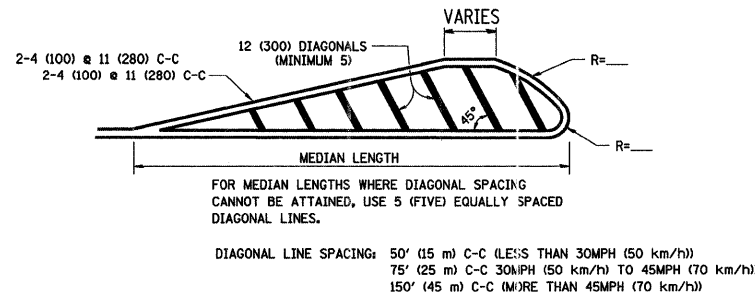
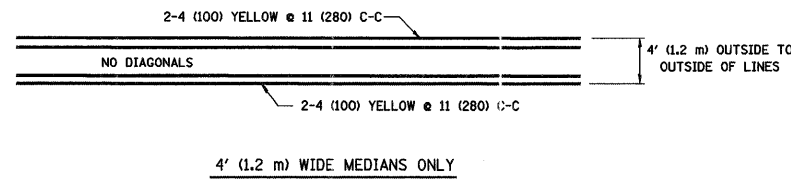


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

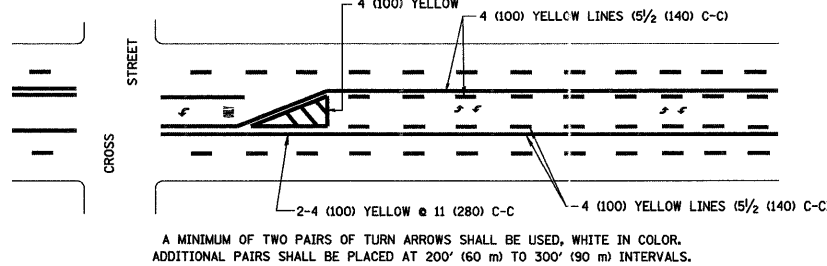
### TYPICAL LANE AND EDGE LINE MARKING



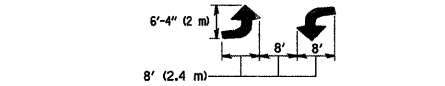
### TYPICAL CROSSWALK MARKING



### MEDIANS OVER 4' (1.2 m) WIDE

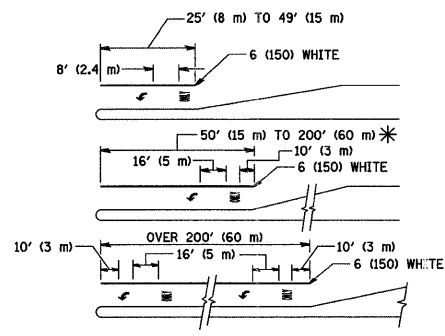


### TYPICAL PAINTED MEDIAN MARKING



### MEDIAN WITH TWO-WAY LEFT TURN LANE

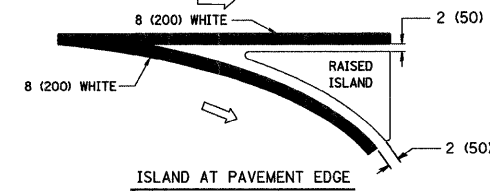
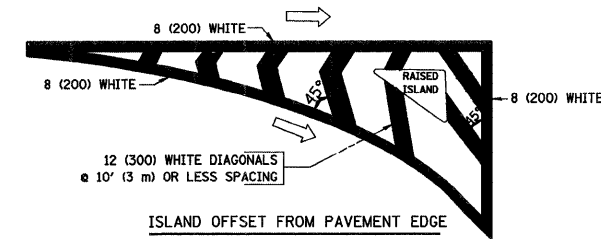
### TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

### TYPICAL LEFT (OR RIGHT) TURN LANE

### TYPICAL TURN LANE MARKING



### TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINES FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

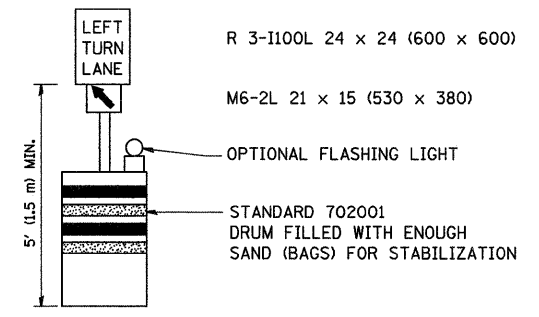
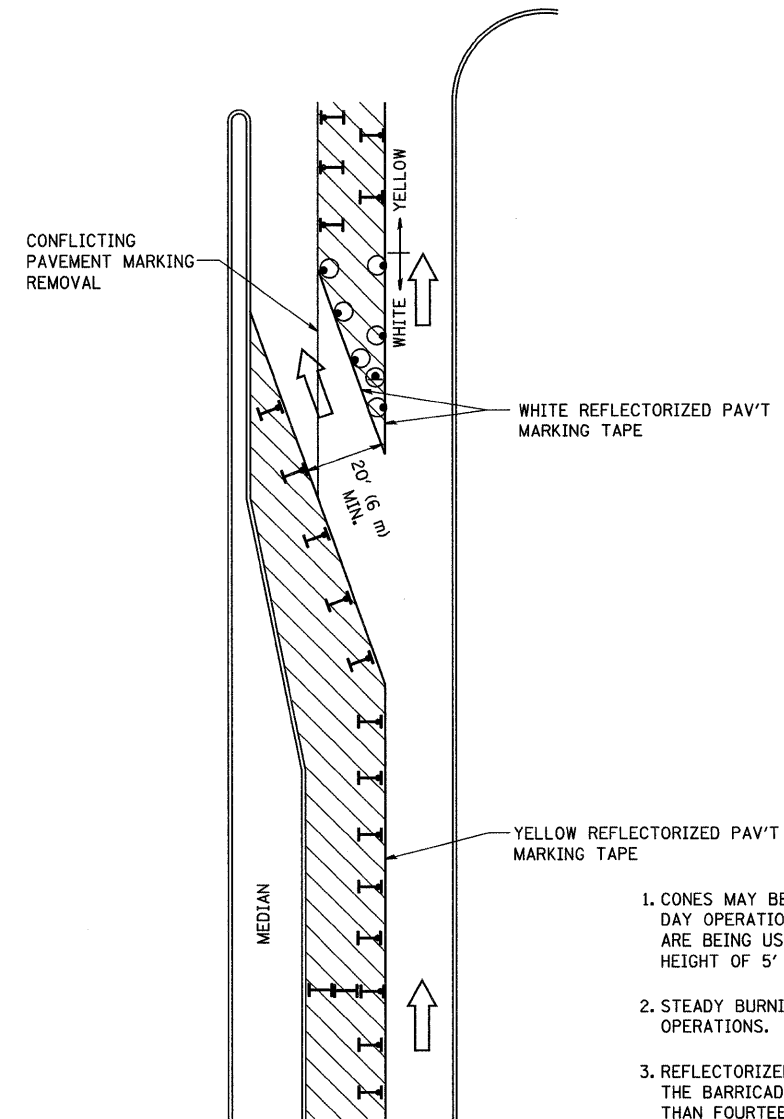
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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F.A.P. RTE. 341	SECTION 62 RS-2	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 25
TC-13			CONTRACT NO. 60H35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

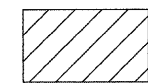







**GENERAL NOTES**

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. 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" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

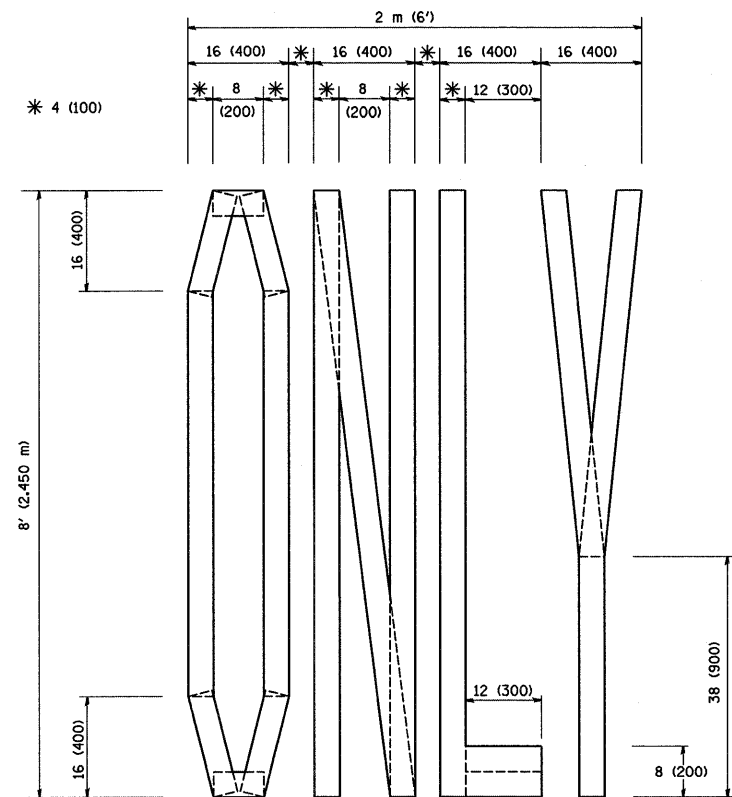
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		DRAWN -	REVISED - A. HOUSEH 11-07-95
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-12-96
	PLOT DATE = 1/4/2000	DATE -	REVISED -T. RAMMACHER 01-06-00

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

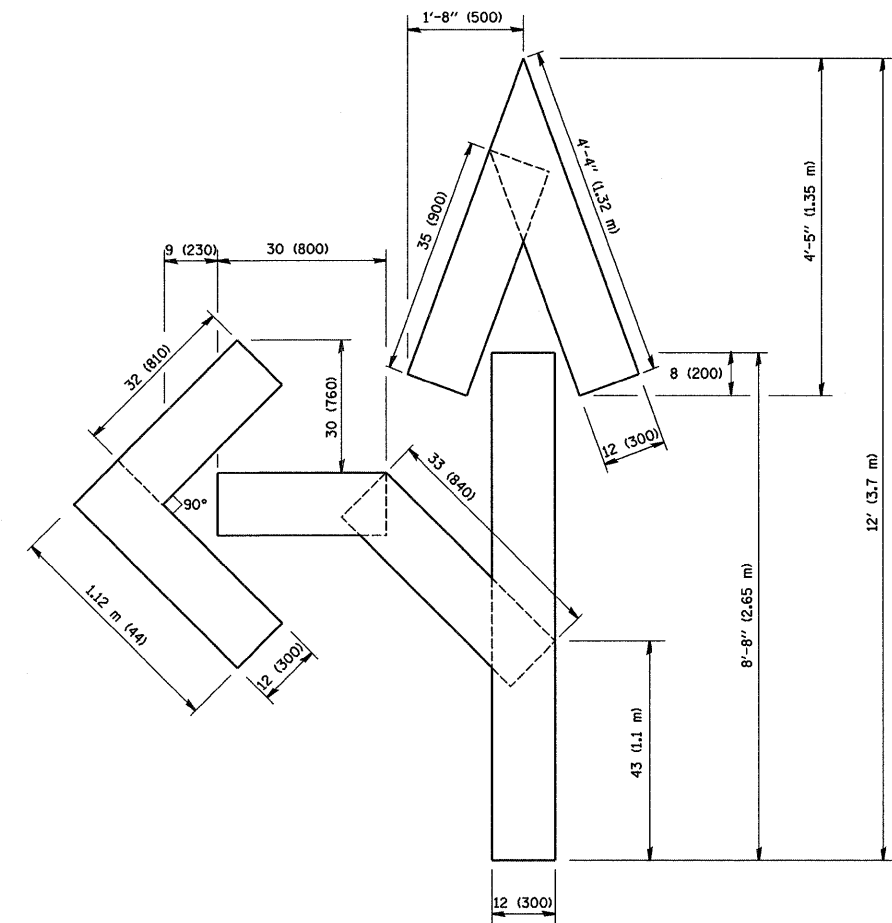
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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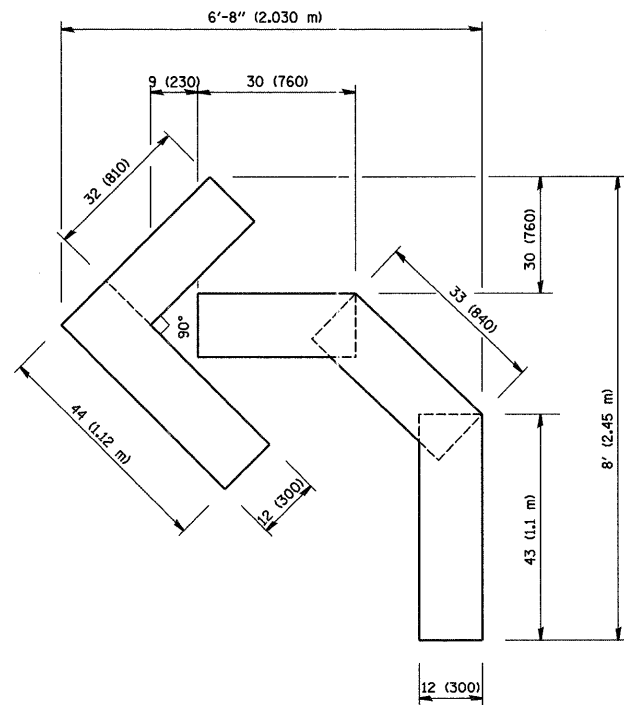
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	62 RS-2	KANE	30	26
TC-14			CONTRACT NO. 60H35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

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

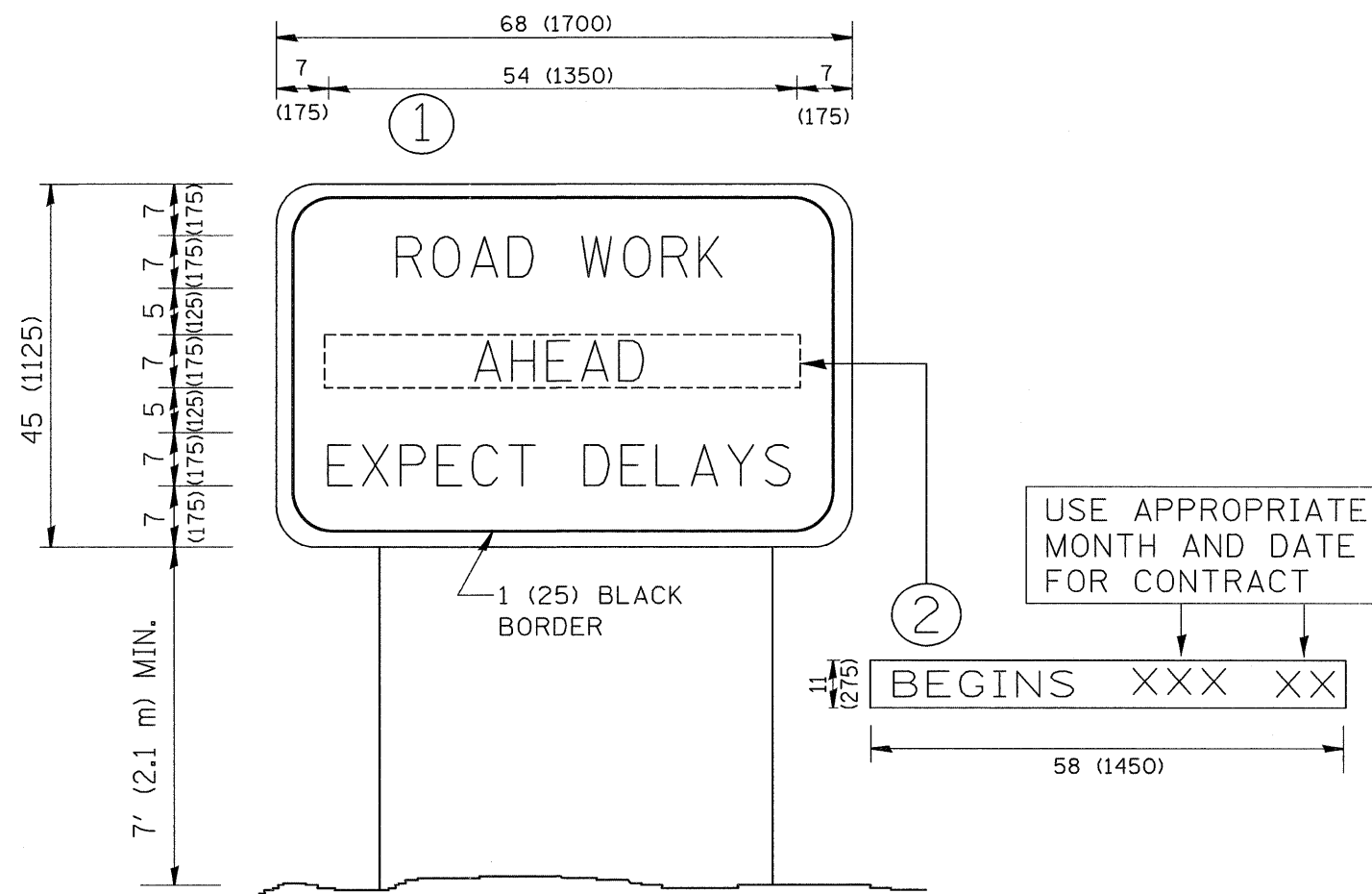
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	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	62 RS-2	KANE	30	27
TC-16			CONTRACT NO. 60H35	
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.

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		DRAWN -	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

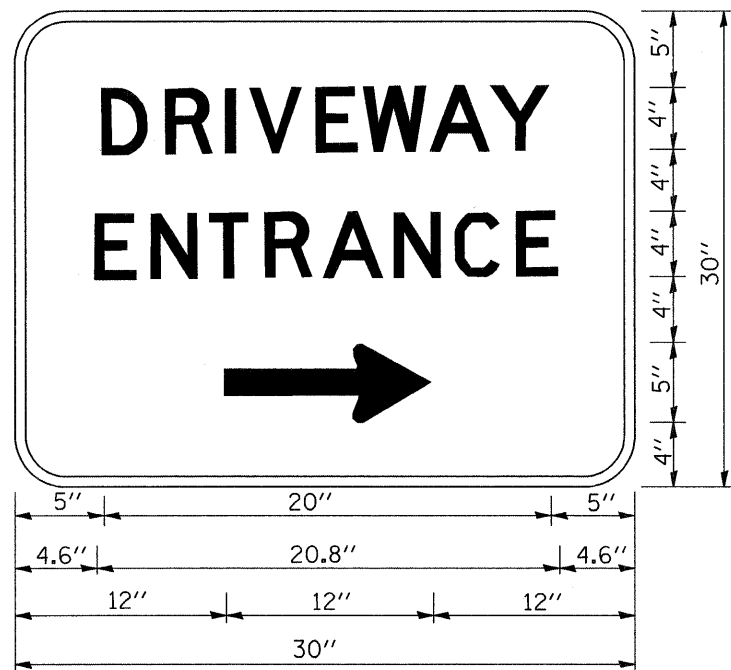
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	62 RS-2	KANE	30	28
TC-22			CONTRACT NO. 60H35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME = W:\diststd\22x34\to26.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRIVEWAY ENTRANCE SIGNING</b>			F.A.P. RTE. 341	SECTION 62 RS-2	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 29	
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -					<b>TC-26</b>		CONTRACT NO. 60H35			
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE			SHEET NO. 1 OF 1 SHEETS			STA. TO STA.		
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

