

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY  
ADDISON ROAD RESURFACING AND  
ADDISON ROAD WATERMAIN IMPROVEMENTS

FAU ROUTE 2642  
SECTION 06-00095-00-RS  
PROJECT NO. M-9003 (037)  
JOB NO. C-91-425-08

VILLAGE OF ADDISON, DUPAGE COUNTY

DESIGN DESIGNATION:

ADDISON ROAD 2630 (10) MAJOR COLLECTOR 8.40 (B-20)



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET \* DESCRIPTION

Table with 2 columns: SHEET \* and DESCRIPTION. Lists sheets 1 through 46 and their corresponding descriptions, including Title and Index of Sheets, General Notes, Typical Sections, and various construction details.

IDOT STANDARDS REFERENCED

Table listing IDOT standards (e.g., 000001-05, 280001-04) and their descriptions, such as STANDARD SYMBOLS ABBREVIATIONS & PATTERNS, TEMPORARY EROSION CONTROL SYSTEMS, and CONCRETE CURB TYPE B & COMBINATION.

VILLAGE OF ADDISON STANDARDS REFERENCED

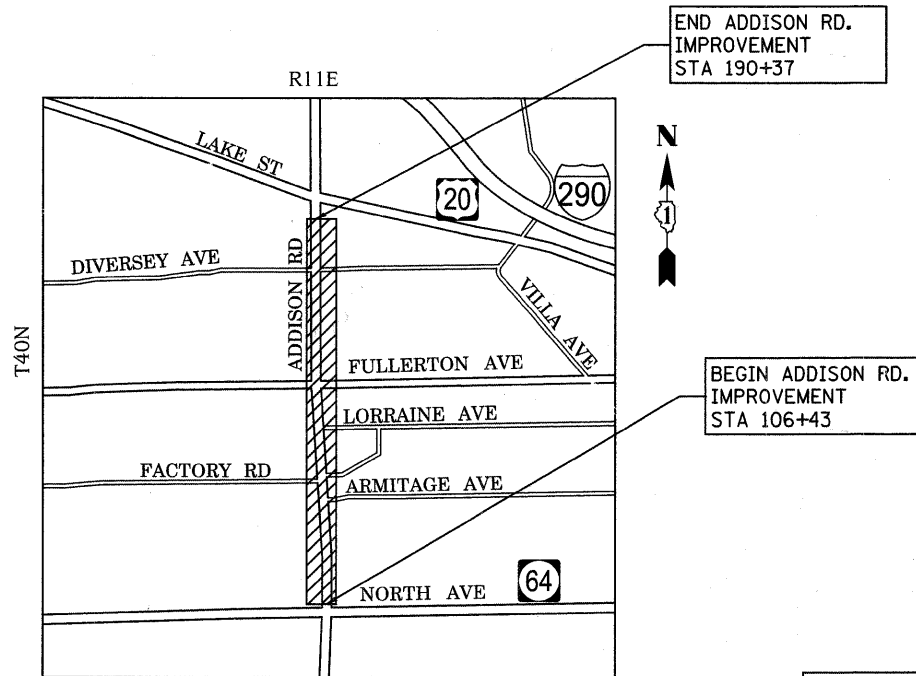
Table listing Village of Addison standards (e.g., STD 207.1, STD 208.7D) and their descriptions, including GRANULAR TRENCH BACKFILL, FRAME AND GRATE, and COMBINATION CONCRETE CURB AND GUTTER.

FOR UNDERGROUND UTILITY LOCATIONS, CALL

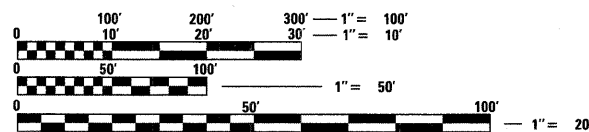
J. U. L. I. E.

TOLL FREE 1-800-892-0123

with the following  
COUNTY: DUPAGE  
CITY-TOWNSHIP: ADDISON  
SEC. & 1/4 SEC. NO. 33 & SE 1/4  
48 HOURS BEFORE YOU DIG  
EXCLUDING SAT., SUN, & HOLIDAYS



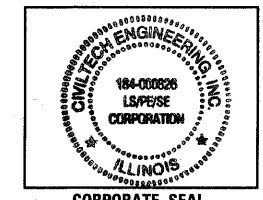
LOCATION MAP (NOT TO SCALE)  
ADDISON ROAD GROSS LENGTH (STA 106+43 TO STA 190+37) = 8394 FT = 1.59 MILES  
ADDISON ROAD NET LENGTH = 7476 FT = 1.42 MILES  
ADDISON ROAD WATERMAIN (STA 113+00 TO 155+75) = 4275 FT = 0.81 MILES



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.

VILLAGE OF ADDISON  
ENGINEERING DEPARTMENT  
(630) 543-4100

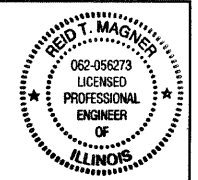
VILLAGE OF ADDISON  
PUBLIC WORKS DEPARTMENT  
(630) 620-2020



CORPORATE SEAL

Approval stamp from the State of Illinois Department of Transportation. It includes the text 'STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS', 'APPROVED JANUARY 6, 2009', and signatures of 'RUDOLFO M. ESPEDIDO, P.E., VILLAGE OF ADDISON, VILLAGE ENGINEER' and 'Diana M. O'Keefe, DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER'.

Professional Engineer signature block. It includes the text 'P.E. SIGNATURE: Reid T. Magner', 'P.E. NAME: REID T. MAGNER', 'DATE: 1/06/2009', 'IL LICENSE NO.: 062-056273', 'LICENSE EXPIRATION: 11/30/2009', and 'SHEETS 1-46'.



CONSULTANT ENGINEER: REID T. MAGNER, P.E. CIVILTECH ENGINEERING, INC.  
FIELD ENGINEER: MARLIN D. SOLOMON (847) 705-4407 SCHAUMBURG, IL

Project information table with columns: FILE NAME, USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, SHEET NO., FA RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., FED ROAD DIST NO., ILLINOIS FED AID PROJECT.



# SUMMARY OF QUANTITIES

ITEM NO.	CODE NO.	LOCATION OF WORK SUMMARY OF QUANTITIES PAY ITEM	UNIT	TOTAL	ADDISON ROAD CONSTRUCTION TYPE CODE	
					1000-2A	NON PARTICIP.
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	120	120	
2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60	60	
3	20101200	TREE ROOT PRUNING	EACH	93	93	
4	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	26	26	
5	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	67	67	
6	20200100	* EARTH EXCAVATION	CU YD	1285	1285	
7	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50	
8	20400800	* FURNISHED EXCAVATION	CU YD	435	435	
9	20700420	* POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	50	50	
10	20800150	TRENCH BACKFILL	CU YD	4006	4006	
11	21300010	* EXPLORATION TRENCH, SPECIAL	FOOT	100	100	
12	25000110	^ * SEEDING, CLASS 1A	ACRE	1.74	1.74	
13	25000400	^ NITROGEN FERTILIZER NUTRIENT	POUND	157	157	
14	25000500	^ PHOSPHORUS FERTILIZER NUTRIENT	POUND	157	157	
15	25000600	^ POTASSIUM FERTILIZER NUTRIENT	POUND	157	157	
16	25100401	^ * EXCELSIOR BLANKET, SPECIAL	SQ YD	7861	7861	
17	28000510	INLET FILTERS	EACH	89	89	
18	40600100	* BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6337	6337	
19	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20	20	
20	40600535	LEVELING BINDER (HAND METHOD), N70	TON	20	20	
21	40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
22	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	700	700	
23	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	3563	3563	
24	40603340	* HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5706	5706	
25	42001300	* PROTECTIVE COAT	SQ YD	9183	9183	
26	42300200	* PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	241	241	
27	42300400	* PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1370	1370	
28	42400200	* PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	51727		51727
29	42400800	* DETECTABLE WARNINGS	SQ FT	1418		1418
30	44000100	PAVEMENT REMOVAL	SQ YD	402	402	
31	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	50642	50642	
32	44000200	* DRIVEWAY PAVEMENT REMOVAL	SQ YD	1950	1950	
33	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8402	8402	
34	44000600	SIDEWALK REMOVAL	SQ FT	21134		21134
35	44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	12725	12725	
36	44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	1266	1266	
37	44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	7597	7597	

ITEM NO.	CODE NO.	LOCATION OF WORK SUMMARY OF QUANTITIES PAY ITEM	UNIT	TOTAL	ADDISON ROAD CONSTRUCTION TYPE CODE	
					1000-2A	NON PARTICIP.
38	44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	2532	2532	
39	44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	1266	1266	
40	44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	64	64	
41	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	33576	33576	
42	550A0050	STORM SEWERS, CLASS A, TYPE I 12"	FOOT	650	650	
43	55039700	* STORM SEWERS TO BE CLEANED	FOOT	100	100	
44	55100500	STORM SEWER REMOVAL, 12"	FOOT	32	32	
45	56103000	^ * DUCTILE IRON WATER MAIN 6"	FOOT	38		38
46	56103100	^ * DUCTILE IRON WATER MAIN 8"	FOOT	733		733
47	56103200	^ * DUCTILE IRON WATER MAIN 10"	FOOT	116		116
48	56103300	^ * DUCTILE IRON WATER MAIN 12"	FOOT	4454		4454
49	56105000	^ * WATER VALVES 8"	EACH	10		10
50	56105100	^ * WATER VALVES 10"	EACH	1		1
51	56105200	^ * WATER VALVES 12"	EACH	7		7
52	56400500	^ * FIRE HYDRANTS TO BE REMOVED	EACH	11		11
53	56400820	^ * FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	11		11
54	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3	
55	60207605	* CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4	
56	60209510	* CATCH BASINS, TYPE C, WITH SPECIAL FRAME AND GRATE	EACH	1	1	
57	60214400	* RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2	
58	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1	
59	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3	
60	60249500	* VALVE BOXES 8"	EACH	9		9
61	60249700	* VALVE BOXES 12"	EACH	7		7
62	60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6	
63	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2	
64	60255500	MANHOLES TO BE ADJUSTED	EACH	12	12	
65	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2	
66	60260100	INLETS TO BE ADJUSTED	EACH	70	70	
67	60262700	INLETS TO BE RECONSTRUCTED	EACH	2	2	
68	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4	
69	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1		1
70	60266910	* VALVE BOXES TO BE REMOVED	EACH	1		1
71	60300310	* FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	44	44	
72	60404300	FRAMES AND GRATES, TYPE 3	EACH	67	67	
73	60405700	* FRAMES AND GRATES, SPECIAL	EACH	4	4	
74	60406000	FRAMES AND LIDS, TYPE I, OPEN LID	EACH	5	5	

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DESIGNED - PK  
 DRAWN - JRR  
 CHECKED - RTM  
 DATE - 11/21/2008

REVISED -  
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## SUMMARY OF QUANTITIES - ADDISON ROAD

SHEET NO. 3 OF 46 SHEETS

FA RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	3
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	

# SUMMARY OF QUANTITIES

ITEM NO.	CODE NO.	PAY ITEM	UNIT	TOTAL	ADDISON ROAD	
					1000-2A	NON PARTICIP.
75	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	60	60	
76	60500060	REMOVING INLETS	EACH	3	3	
77	60500405	* FILLING VALVE VAULTS	EACH	16	16	
78	60600605	CONCRETE CURB, TYPE B	FOOT	826	826	
79	60601306	* CONCRETE CURB, TYPE M (SPECIAL)	FOOT	1087	1087	
80	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	200	200	
81	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5845	5845	
82	60624600	CORRUGATED MEDIAN	SQ FT	137	137	
83	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25	25	
84	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	
85	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
86	67100100	MOBILIZATION	L SUM	1	1	
87	70101700	* TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	
88	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6	
89	70300100	* SHORT-TERM PAVEMENT MARKING	FOOT	2623	2623	
90	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	20	20	
91	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	50	50	
92	73100110	* BASE FOR TELESCOPING STEEL SIGN SUPPORT, SPECIAL	EACH	1	1	
93	78000100	^ THERMOPLASTIC PAVEMENT MARKING LTRS. & SYMBOLS	SQ FT	1033	1033	
94	78000200	^ THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21911	21911	
95	78000400	^ THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1869	1869	
96	78000600	^ THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	542	542	
97	78000650	^ THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	468	468	
98	78100100	^ * RAISED REFLECTIVE PAVEMENT MARKER	EACH	666	666	
99	78300105	PAVEMENT MARKING REMOVAL	FOOT	300	300	
100	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	666	666	
101	88600100	^ DETECTOR LOOP, TYPE 1	FOOT	795	795	
102	X0301335	^ * WATER MAIN REMOVAL 8"	FOOT	145		145
103	X0322256	* TEMPORARY INFORMATION SIGNING	SQ FT	418	418	
104	X0323172	^ * DUCTILE IRON WATER MAIN BEND, 45 DEGREE, 8 INCHES	EACH	18		18
105	X0323173	^ * DUCTILE IRON WATER MAIN BEND, 45 DEGREE, 12 INCHES	EACH	4		4
106	X0323186	^ * DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	1		1
107	X0323189	^ * DUCTILE IRON WATER MAIN TEE, 12" X 8"	EACH	9		9
108	X0323190	^ * DUCTILE IRON WATER MAIN TEE, 12" X 12"	EACH	1		1
109	X0323973	* SEDIMENT CONTROL, SILT FENCE	FOOT	500	500	
110	X0323974	* SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	500	500	
111	X0712400	* TEMPORARY PAVEMENT	SQ YD	402	402	

ITEM NO.	CODE NO.	PAY ITEM	UNIT	TOTAL	ADDISON ROAD	
					1000-2A	NON PARTICIP.
112	X4021000	* TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	7	
113	X4022000	* TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	22	22	
114	XX001877	^ * SUMP PUMP LINE CONNECTION	EACH	3		3
115	XX002161	^ * ABANDON EXISTING WATER MAIN	EACH	13		13
116	XX003519	^ * DUCTILE IRON WATER MAIN FITTING - 12" X 6" TEE	EACH	10		10
117	XX003531	^ * WATER SERVICE CONNECTION 1"	EACH	25		25
118	XX003536	^ * CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)	EACH	15		15
119	XX003668	^ * PRECONSTRUCTION VIDEO TAPING	L SUM	1		1
120	XX004810	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1		1
121	XX004878	* MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	L SUM	1		1
122	XX005101	^ * DUCTILE IRON WATER MAIN FITTING - 12" X 10" TEE	EACH	1		1
123	XX005221	* TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH	SQ YD	7861	7861	
124	XX005855	^ * WATER MAIN CASING PIPE	FOOT	1283		1283
125	XX006698	* TREE PROTECTION AND PRESERVATION	EACH	93	93	
126	Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
127	Z0018500	* DRAINAGE STRUCTURES TO BE CLEANED	EACH	5	5	
128	Z0019600	* DUST CONTROL WATERING	UNIT	5	5	
129	Z0076600	^ * TRAINEES	HOURL	2000	2000	
130	X0326012	^ * DUCTILE IRON WATER MAIN REDUCER, 12" X 10"	EACH	1		1
131	XX007789	^ * DUCTILE IRON WATER MAIN CUTTING IN SLEEVE 8"	EACH	11		11
132	X0326014	^ * DUCTILE IRON WATER MAIN CUTTING IN SLEEVE 10"	EACH	2		2
133	XX007790	^ * DUCTILE IRON WATER MAIN CUTTING IN SLEEVE 12"	EACH	2		2
134	XX007791	^ * DUCTILE IRON WATER MAIN BEND, 11 1/4 DEGREE, 8 INCHES	EACH	4		4
135	XX007792	^ * DUCTILE IRON WATER MAIN BEND, 22 1/2 DEGREE, 8 INCHES	EACH	4		4
136	XX007793	^ * DUCTILE IRON WATER MAIN BEND, 11 1/4 DEGREE, 12 INCHES	EACH	4		4
137	XX007794	^ * DUCTILE IRON WATER MAIN BEND, 22 1/2 DEGREE, 12 INCHES	EACH	4		4

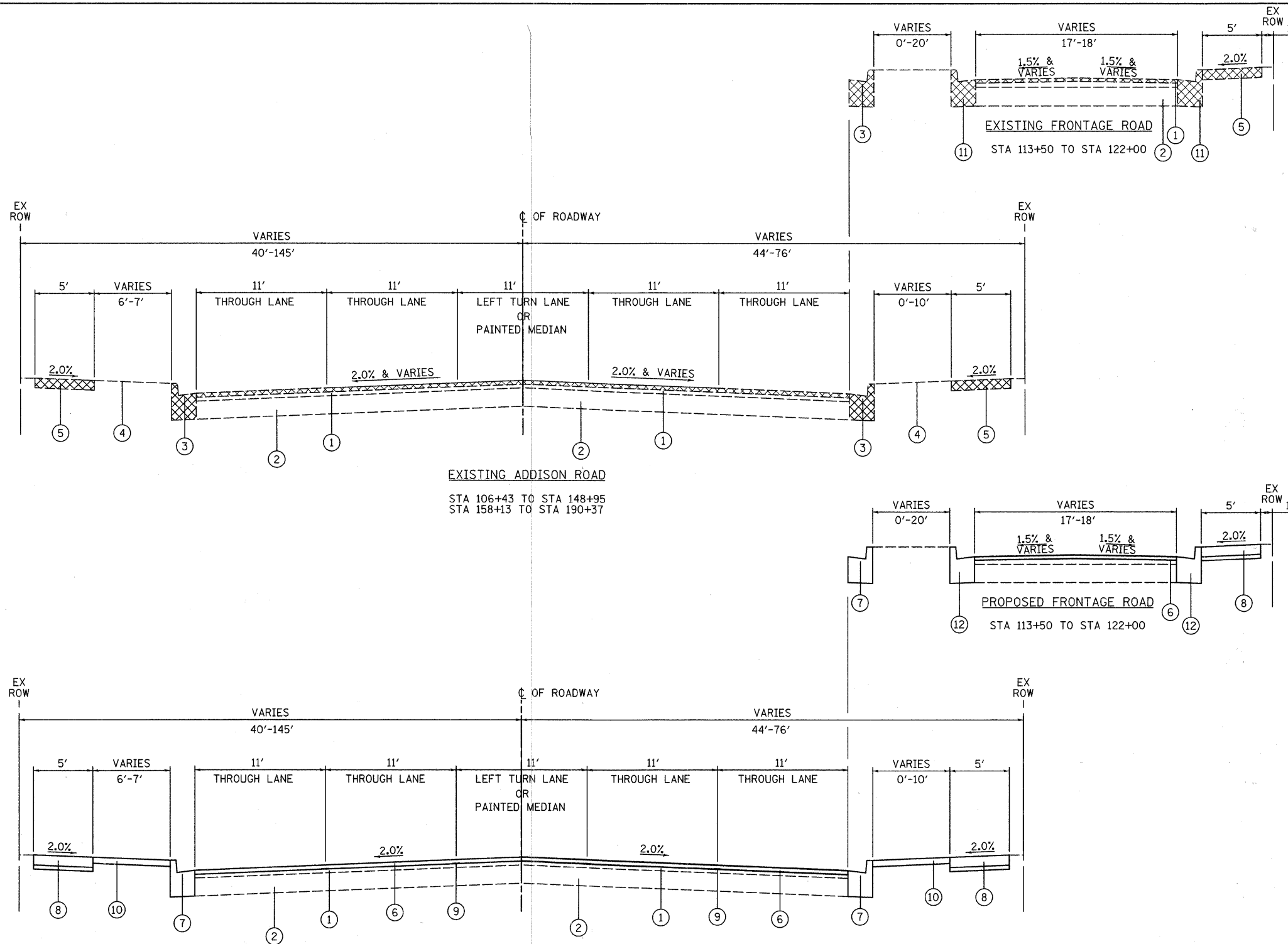
^ DENOTES SPECIALTY ITEM  
 ^^ DENOTES CONSTRUCTION TYPE CODE Y080  
 \* DENOTES SPECIAL PROVISION

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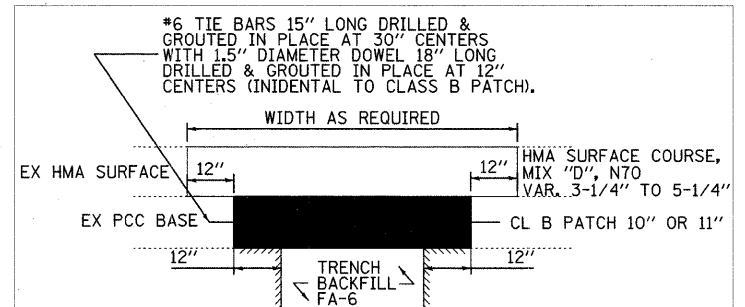


**LEGEND**

- ① EXISTING HOT-MIX ASPHALT COURSE, THICKNESS VARIES FROM 3-1/4" TO 5-1/4" (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED OCTOBER 12, 2006)
- ② EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, THICKNESS VARIES FROM 7-1/2" TO 10-1/4" (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED OCTOBER 12, 2006)
- ③ EXISTING COMBINATION CONCRETE CURB AND GUTTER, B-6.18 (SEE NOTE A)
- ④ EXISTING GROUND LINE (GRASS)
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK (SEE NOTE B)
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SEE NOTE A)
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" WITH AGGREGATE BASE COURSE, TYPE B, 3" (SEE NOTE B)  
NOTE: PCC THICKNESS TO BE INCREASED TO 6" THROUGH DRIVEWAY APRONS (ADDITIONAL THICKNESS INCIDENTAL)
- ⑨ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑩ TOPSOIL FURNISH & PLACE (PULVERIZED), VARIABLE DEPTH WITH EXCELSIOR BLANKET, SPECIAL AND SEEDING, CLASS 1A
- ⑪ EXISTING CONCRETE CURB, TYPE M (SPECIAL) (SEE NOTE A)
- ⑫ PROPOSED CONCRETE CURB, TYPE M (SPECIAL) (SEE NOTE A)

REMOVAL

**CLASS B PATCH DETAIL (N.T.S.)**



**NOTES:**

- 1.) PARTIAL DEPTH SAWCUTTING WILL BE REQUIRED PRIOR TO HOT-MIX ASPHALT REMOVAL OVER PATCHES.
- 2.) UPON INSPECTION OF THE PCC BASE, FULL DEPTH SAWCUTTING WILL BE REQUIRED PRIOR TO PAVEMENT REMOVAL.

**NOTES:**

- A.) CURB AND GUTTER WILL BE REPLACED ONLY AS NEEDED (SEE PLANS)
- B.) THERE IS AN EXISTING SIDEWALK ALONG ADDISON ROAD AND SHALL BE REPLACED ONLY AS NEEDED (SEE PLANS)
  - STATION 113+04 TO STATION 190+37 (EAST SIDE)
  - STATION 158+13 TO STATION 179+59 (WEST SIDE)

SIDEWALK WILL BE CONSTRUCTED ALONG ADDISON ROAD (SEE PLANS)

- STATION 105+62 TO STATION 113+00 (EAST SIDE)
- STATION 112+79 TO STATION 152+79 (WEST SIDE)
- STATION 180+00 TO STATION 193+11 (WEST SIDE)

**GENERAL NOTES:**

INTERSECTION OF ADDISON ROAD AND FULLERTON AVENUE (STATION 148+95 TO STATION 158+13) IS OMITTED FROM THE RESURFACING PROJECT.

THERE IS A FRONTAGE ROAD ALONG THE EAST SIDE OF ADDISON ROAD FROM STATION 113+50 TO STATION 122+00 WHICH IS A PART OF RESURFACING PROJECT.

THE WORK ASSOCIATED WITH PAVEMENT REMOVAL FOR CLASS B PATCHES MAY NOT BE SEQUENTIAL WITH THE PATCHING OPERATION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	ACTYPE	AIR VOIDS
<b>PAVEMENT RESURFACING</b>		
HOT-MIX SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
<b>HOT-MIX ASPHALT REPLACEMENT OVER PATCHES</b>		
HOT-MIX SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
<b>PAVEMENT PATCHING</b>		
LEVELING BINDER (HAND METHOD), N70 (IL-9.5 mm)	PG 64-22*	4% @ 70 Gyr.
<b>TEMPORARY PAVEMENT</b>		
HOT-MIX ASPHALT BINDER (IL-19 mm)	PG 64-22*	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD IN.  
\*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

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PLOT DATE = 12/9/2008

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DRAWN - JRR  
CHECKED - RTM  
DATE - 11/21/2008

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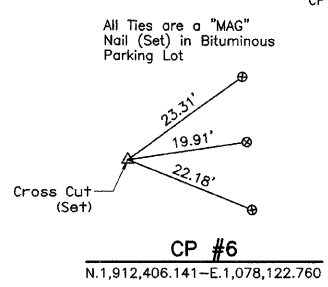
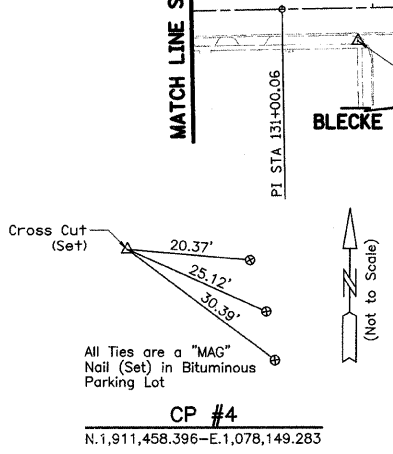
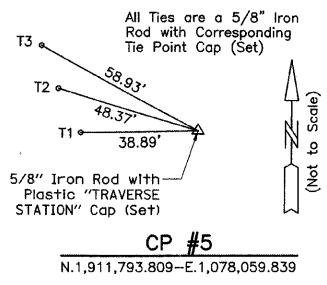
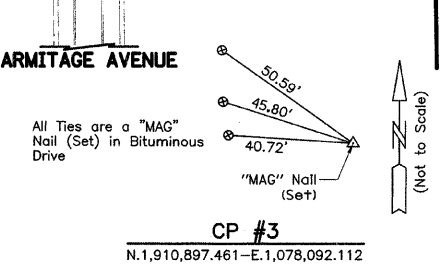
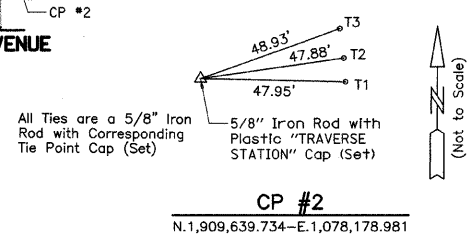
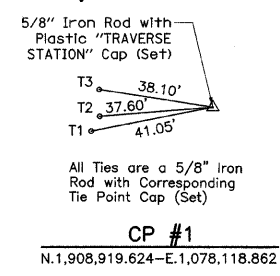
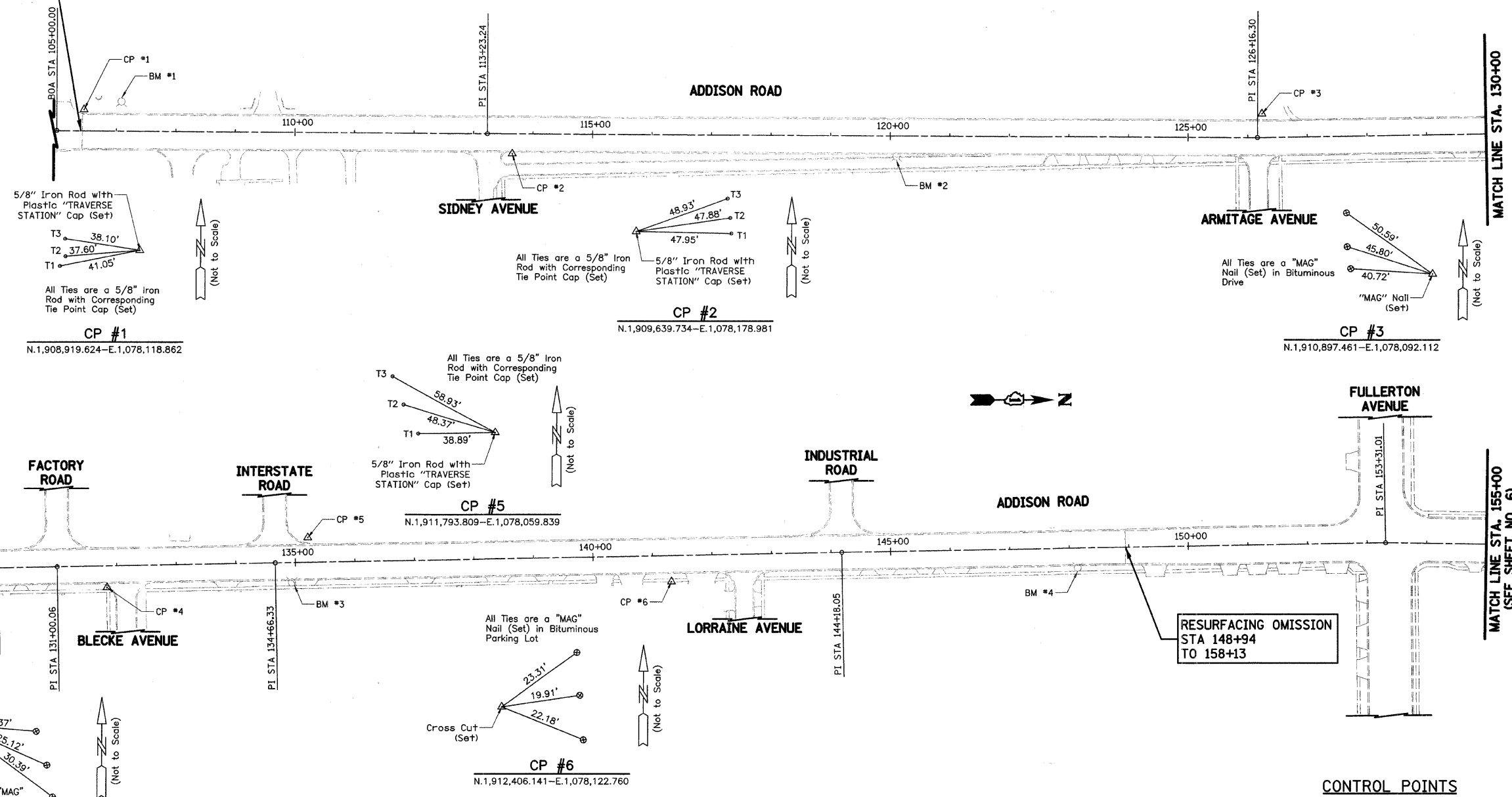
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**TYPICAL SECTIONS - ADDISON ROAD**

NOT TO SCALE SHEET NO. 4 OF 46 SHEETS

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	4
CONTRACT NO. 63100				
FED ROAD DIST NO. ILLINOIS FED AID PROJECT				

BEGIN ADDISON ROAD IMPROVEMENT STA 106+43



**ADDISON ROAD ALIGNMENT DATA**

DESCRIPTION	STATION	NORTHING	EASTING
BOA	105+00.00	1908774.3968	1078156.0952
PI	113+23.24	1909597.5911	1078147.2890
PI	126+16.30	1910890.5569	1078131.9316
PI	131+00.06	1911374.0549	1078115.8913
PI	134+66.33	1911740.0954	1078103.0892
PI	144+18.05	1912691.2250	1078069.3958
PI	153+31.01	1913603.6440	1078037.9432
PI	157+54.64	1914027.2682	1078036.9545
PI	179+96.74	1916269.3679	1078036.0092
PI	190+56.63	1917339.2609	1078033.6648
EOA	194+00.00	1917672.6257	1078035.3853

**BENCH MARKS**

BM #	DESCRIPTION	ELEVATION
1	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT ON WEST SIDE OF ADDISON ROAD.	708.15
2	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT ON EAST SIDE OF ADDISON ROAD.	695.09
3	CROSS CUT (SET) IN NORTHWEST FLANGE BOLT OF FIRE HYDRANT ON EAST SIDE OF ADDISON ROAD, EAST OF INTERSTATE ROAD.	703.45
4	CROSS CUT (SET) IN NORTHWEST FLANGE BOLT OF FIRE HYDRANT ON EAST SIDE OF ADDISON ROAD.	697.43
5	CROSS CUT (SET) IN NORTH FLANGE BOLT OF FIRE HYDRANT IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF ADDISON ROAD AND FULLERTON AVENUE.	692.93

**CONTROL POINTS**

CP #	NORTHING	EASTING	STATION	OFFSET
1	1908919.624	1078118.862	106+45.62	35.68' LT.
2	1909639.734	1078178.981	113+65.00	32.19' RT.
3	1910897.461	1078092.112	126+24.52	39.57' LT.
4	1911458.396	1078149.283	131+83.19	36.32' RT.
5	1911793.809	1078059.839	135+21.54	41.32' LT.
6	1912406.141	1078122.760	141+31.26	43.24' RT.

NOTES:  
BOA = BEGINNING OF ALIGNMENT  
PI = POINT OF INTERSECTION  
EOA = END OF ALIGNMENT

**NOTES:**

- THREE POINT TIES ARE PROVIDED ONLY TO FIND GENERAL LOCATION OF CONTROL POINT NOT TO ACCURATELY RECREATE POINT.
- COORDINATES AND DISTANCES SHOWN ARE GROUND.
- BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE (NAD83).

DATE	
BY	
REVISION	
PLANNING	
DESIGN	
CHECKED	
DATE	

DATE	
BY	
REVISION	
PROFILE	
DESIGN	
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DATE	

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PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 11/18/2008

DESIGNED - PK  
DRAWN - JRR  
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DATE - 11/21/2008

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**ALIGNMENT, TIES, AND BENCHMARKS - ADDISON ROAD**

SCALE: 1" = 100' SHEET NO. 5 OF 46 SHEETS

FA R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	5
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	







DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
PROJECT NO.	
NOTE BOOK NO.	
PLANNING FILE NO.	
PLANNING FILE NAME	

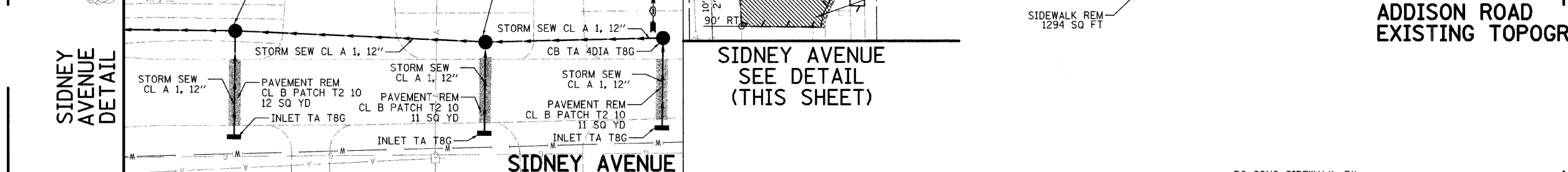
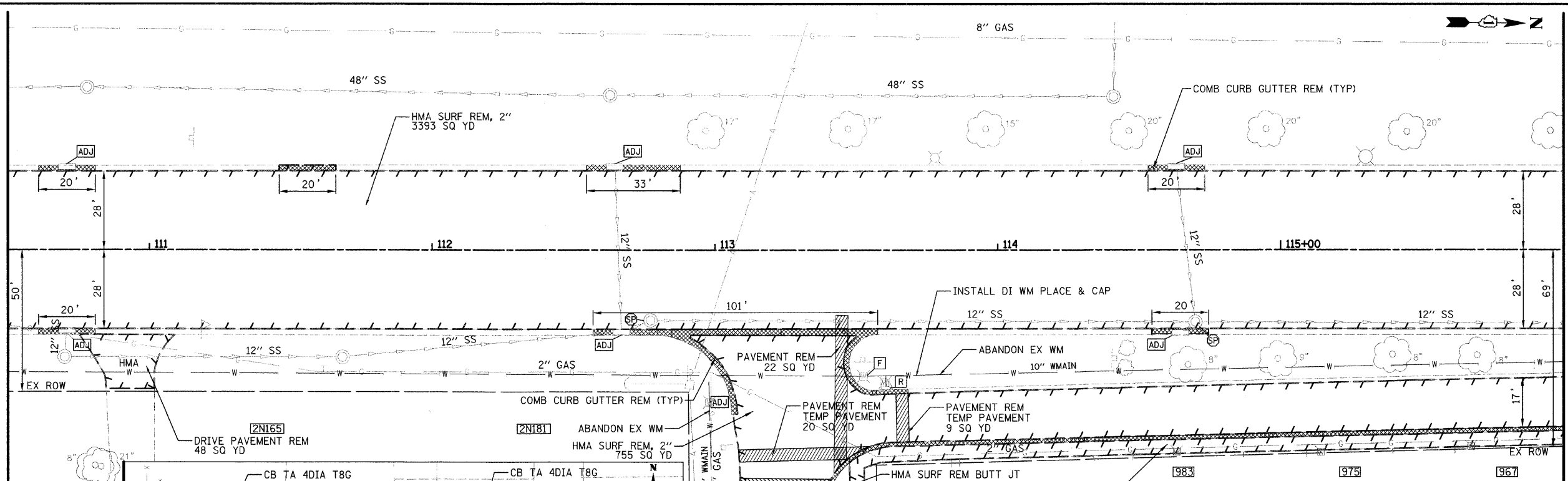
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
PROJECT NO.	
NOTE BOOK NO.	
PLANNING FILE NO.	
PLANNING FILE NAME	

MATCH LINE STA 110+50  
(SEE SHEET NO. 7)

MATCH LINE STA 110+50  
(SEE SHEET NO. 7)

MATCH LINE STA 116+00  
(SEE SHEET NO. 9)

MATCH LINE STA 116+00  
(SEE SHEET NO. 9)



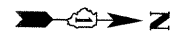
ADDISON ROAD  
EXISTING TOPOGRAPHY

ADDISON ROAD  
PROPOSED IMPROVEMENTS

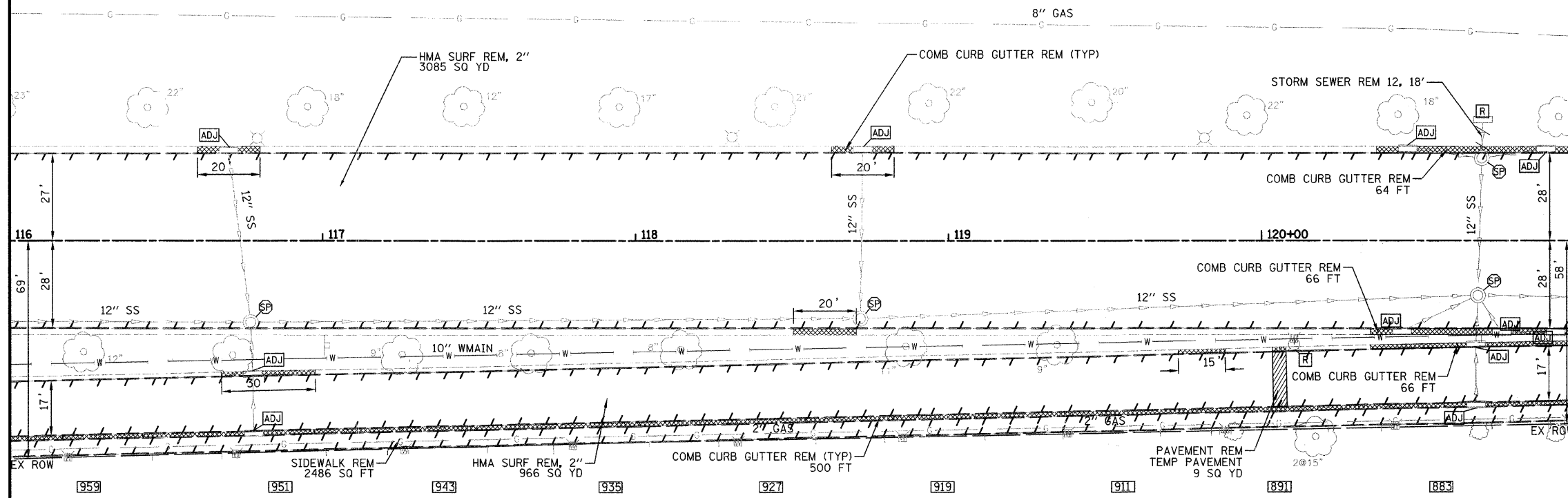
NOTE:  
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SIDNEY AVENUE SEE DETAIL (THIS SHEET)

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PLOT SCALE = 28,0000' / IN.	CHECKED - RTM	DRAWN - JRR	REVISED -		SCALE: 1" = 20'	SHEET NO. 8 OF 46 SHEETS	STA 110+50 TO STA 116+00	DUPAGE	CONTRACT NO. 63100		
PLOT DATE = 11/17/2008	DATE - 11/21/2008	CHECKED - RTM	REVISED -				FED ROAD DIST NO. ILLINOIS FED AID PROJECT				
			REVISED -								



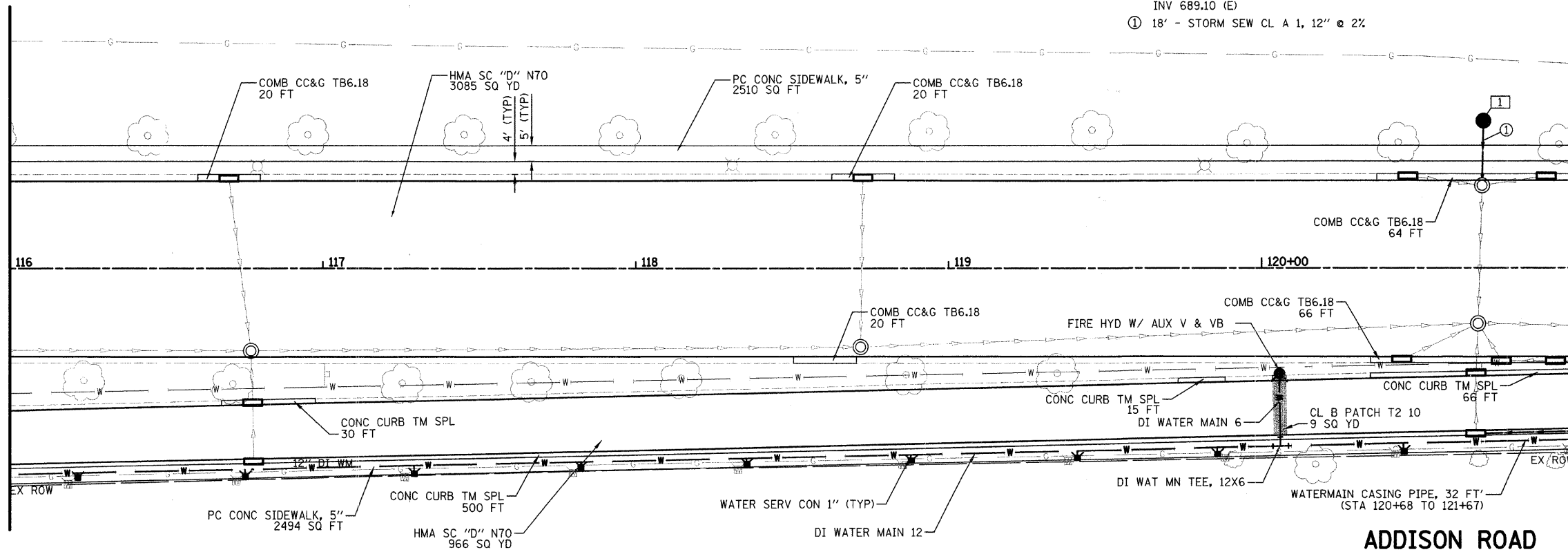
MATCH LINE STA 116+00  
(SEE SHEET NO. 8)



**ADDISON ROAD  
EXISTING TOPOGRAPHY**

- 1 STA 120+70.79, 46.7' LT  
CB TC T8C  
RIM 693.54  
INV 689.10 (E)
- ① 18' - STORM SEW CL A 1, 12" @ 2%

MATCH LINE STA 116+00  
(SEE SHEET NO. 8)



**ADDISON ROAD  
PROPOSED IMPROVEMENTS**

PLAN	DATE
BY	
REVISION	
NOTED	
CHECKED	
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FILE NAME	

PROFILE	DATE
BY	
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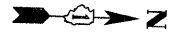
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**ROADWAY PLAN - ADDISON ROAD**

SCALE: 1" = 20' SHEET NO. 9 OF 46 SHEETS STA 116+00 TO STA 121+00

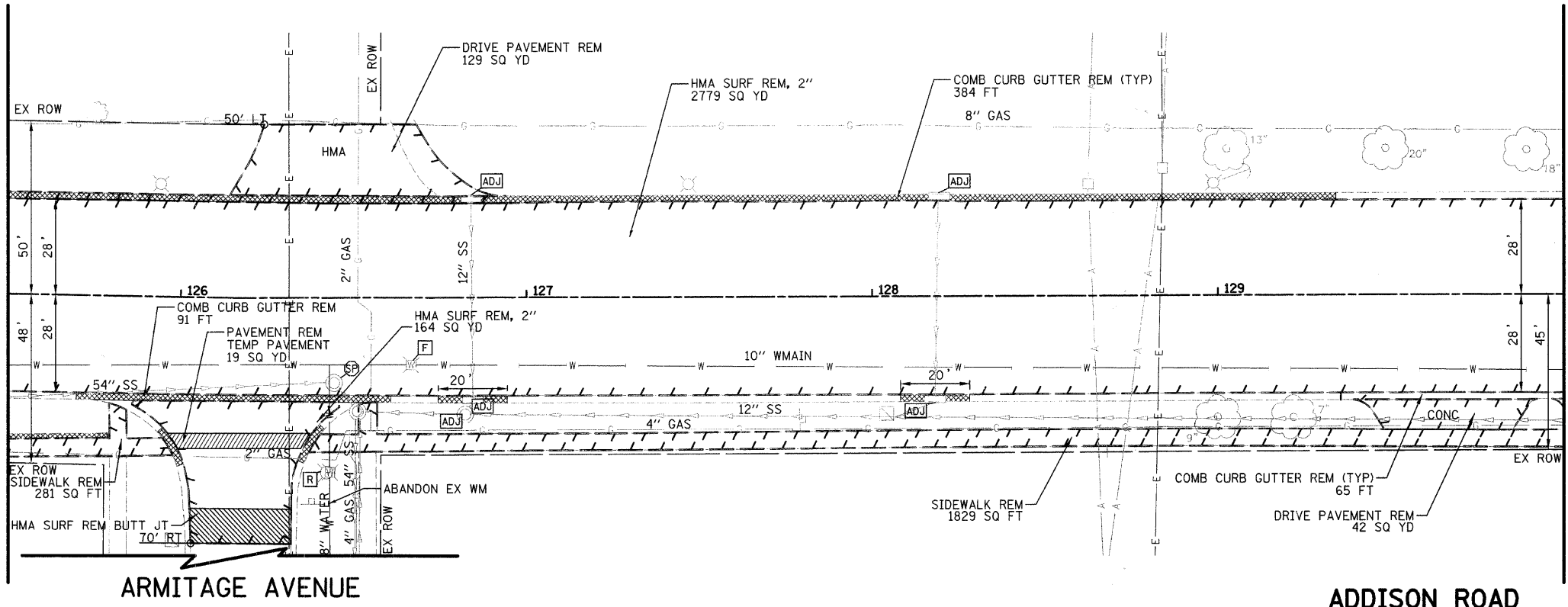
FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	9
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	





MATCH LINE STA 125+50  
(SEE SHEET NO. 10)

MATCH LINE STA 130+00  
(SEE SHEET NO. 12)

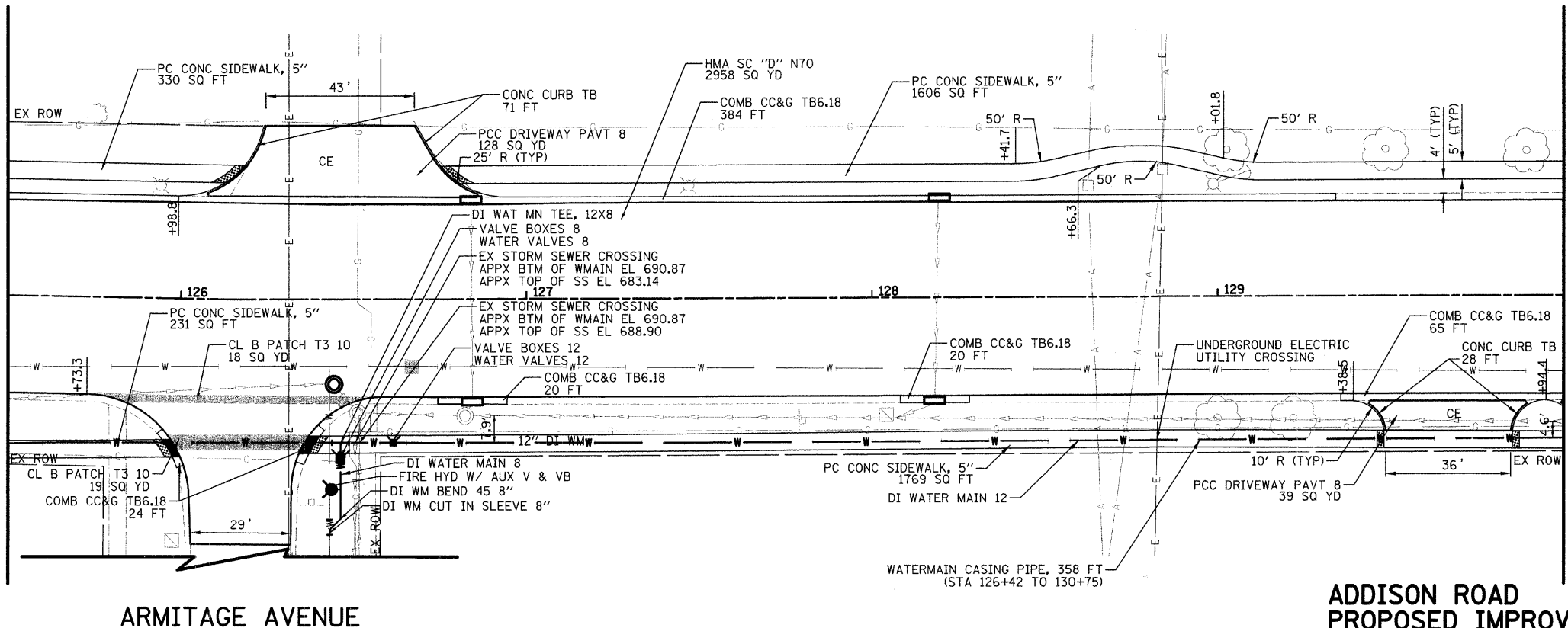


ARMITAGE AVENUE

ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 125+50  
(SEE SHEET NO. 10)

MATCH LINE STA 130+00  
(SEE SHEET NO. 12)



ARMITAGE AVENUE

ADDISON ROAD  
PROPOSED IMPROVEMENTS

PLAN	REVISED	DATE
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DRAWN		
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PROFILE	REVISED	DATE
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PLOT SCALE = 20.0000' / IN.	CHECKED - RTM	DRAWN - JRR	REVISED -		SCALE: 1" = 20'	SHEET NO. 11 OF 46 SHEETS	STA 125+50 TO STA 130+00	2642	06-00095-00-RS	DUPAGE	46	11
PLOT DATE = 11/18/2008	DATE - 11/21/2008	CHECKED - RTM	REVISED -					FED ROAD DIST NO.	ILLINOIS	FED AID PROJECT	CONTRACT NO. 63100	





PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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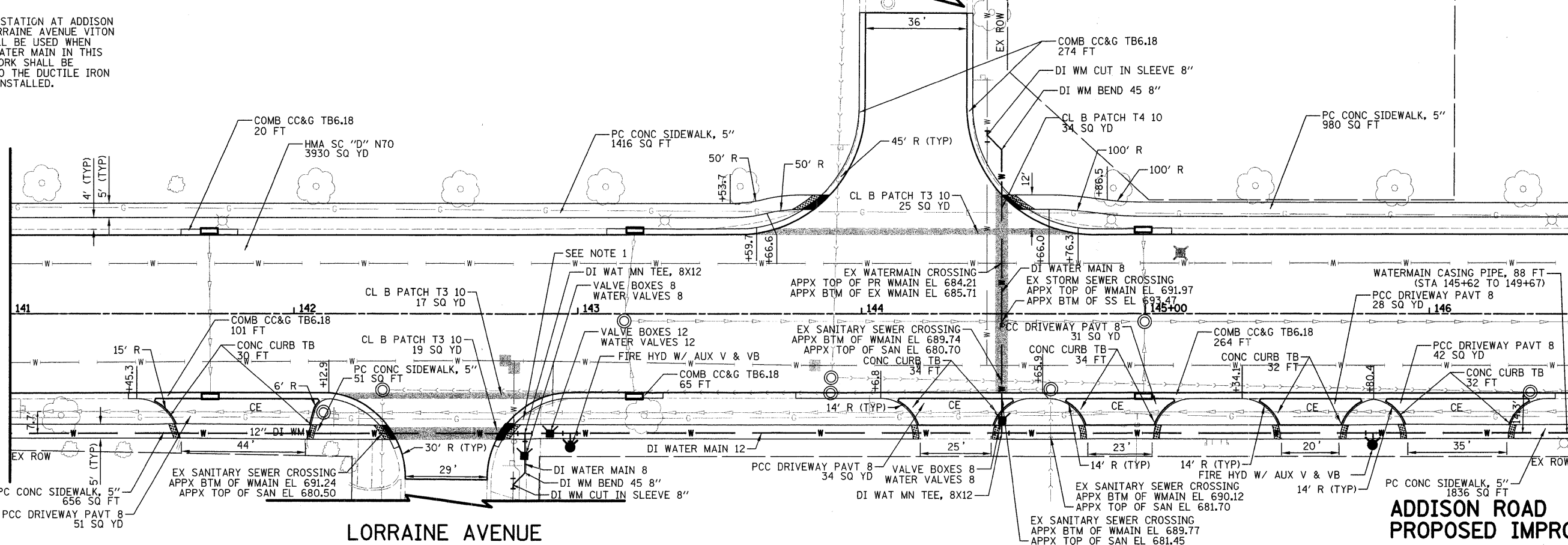
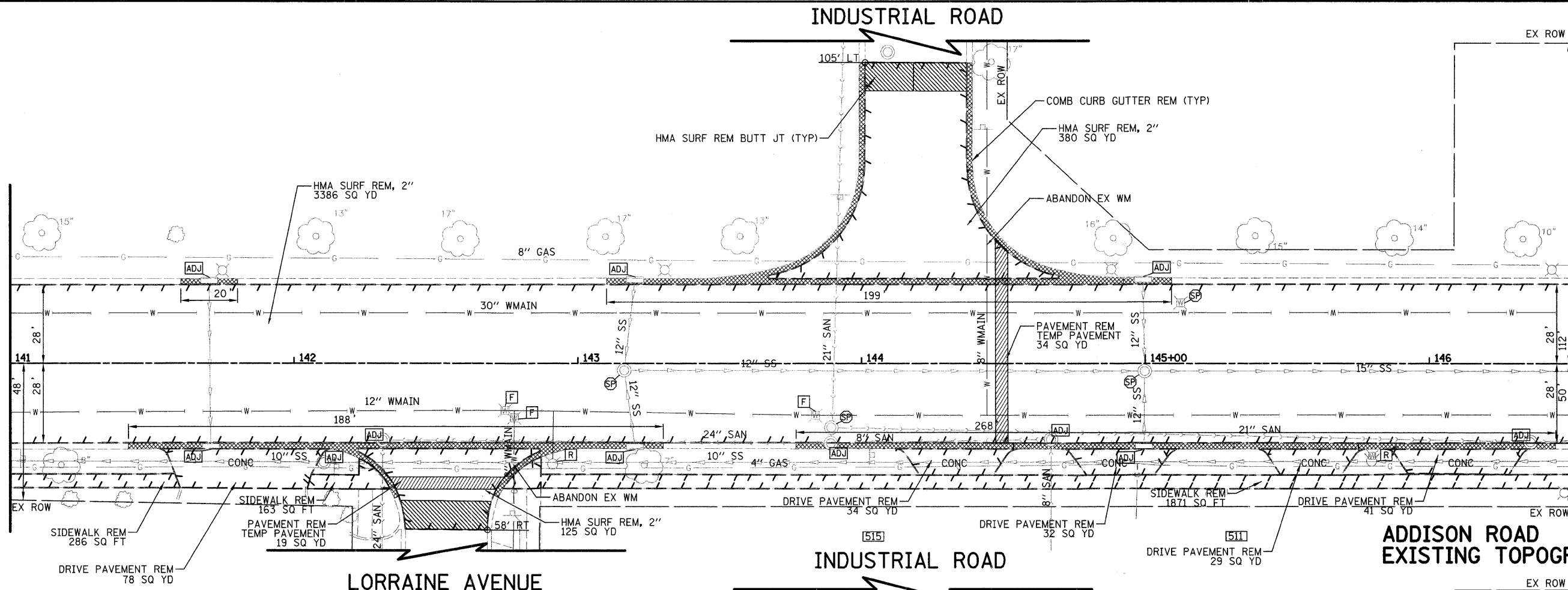
MATCH LINE STA 141+00  
(SEE SHEET NO. 13)

MATCH LINE STA 141+00  
(SEE SHEET NO. 13)

MATCH LINE STA 146+50  
(SEE SHEET NO. 15)

MATCH LINE STA 146+50  
(SEE SHEET NO. 15)

NOTE:  
1.) NEAR GAS STATION AT ADDISON ROAD AND LORRAINE AVENUE VITON GASKETS SHALL BE USED WHEN INSTALLING WATER MAIN IN THIS AREA. THIS WORK SHALL BE INCIDENTAL TO THE DUCTILE IRON WATER MAIN INSTALLED.



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PLOT DATE = 12/15/2008

DESIGNED - PK  
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DATE - 11/21/2008

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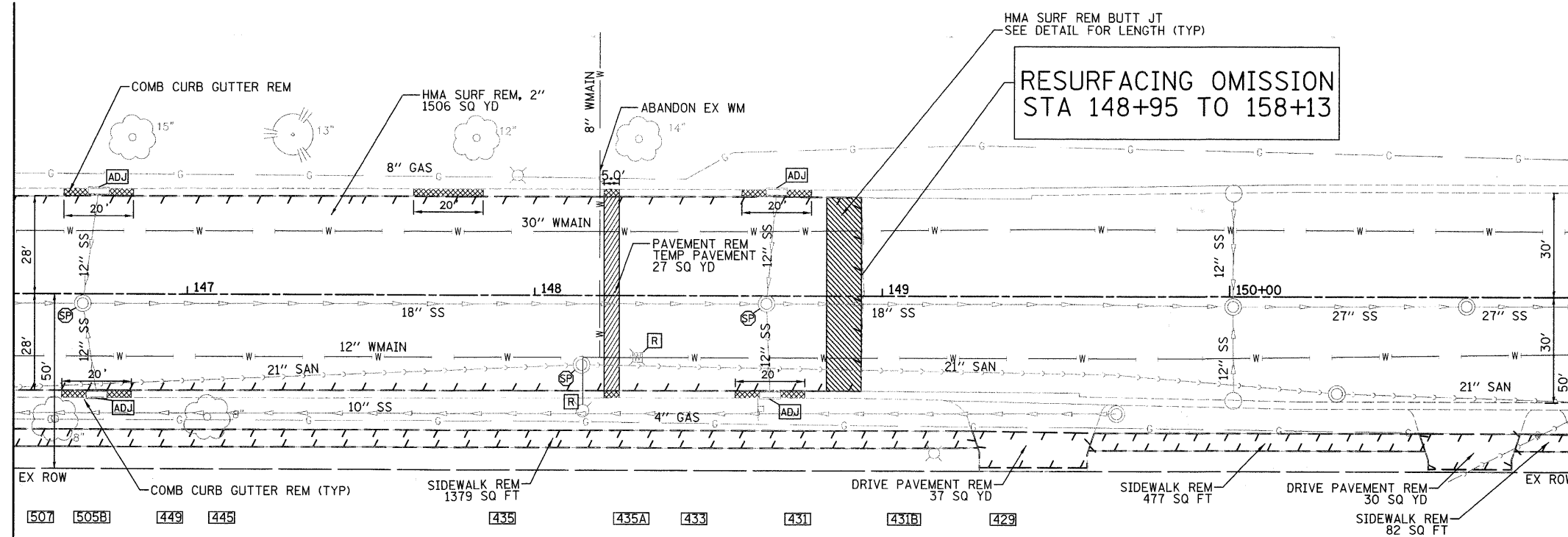
ROADWAY PLAN - ADDISON ROAD  
SCALE: 1" = 20'  
SHEET NO. 14 OF 46 SHEETS  
STA 141+00 TO STA 146+50

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	14
FED ROAD DIST NO.		ILLINOIS FED AID PROJECT		
CONTRACT NO. 63100				

PLAN	DATE
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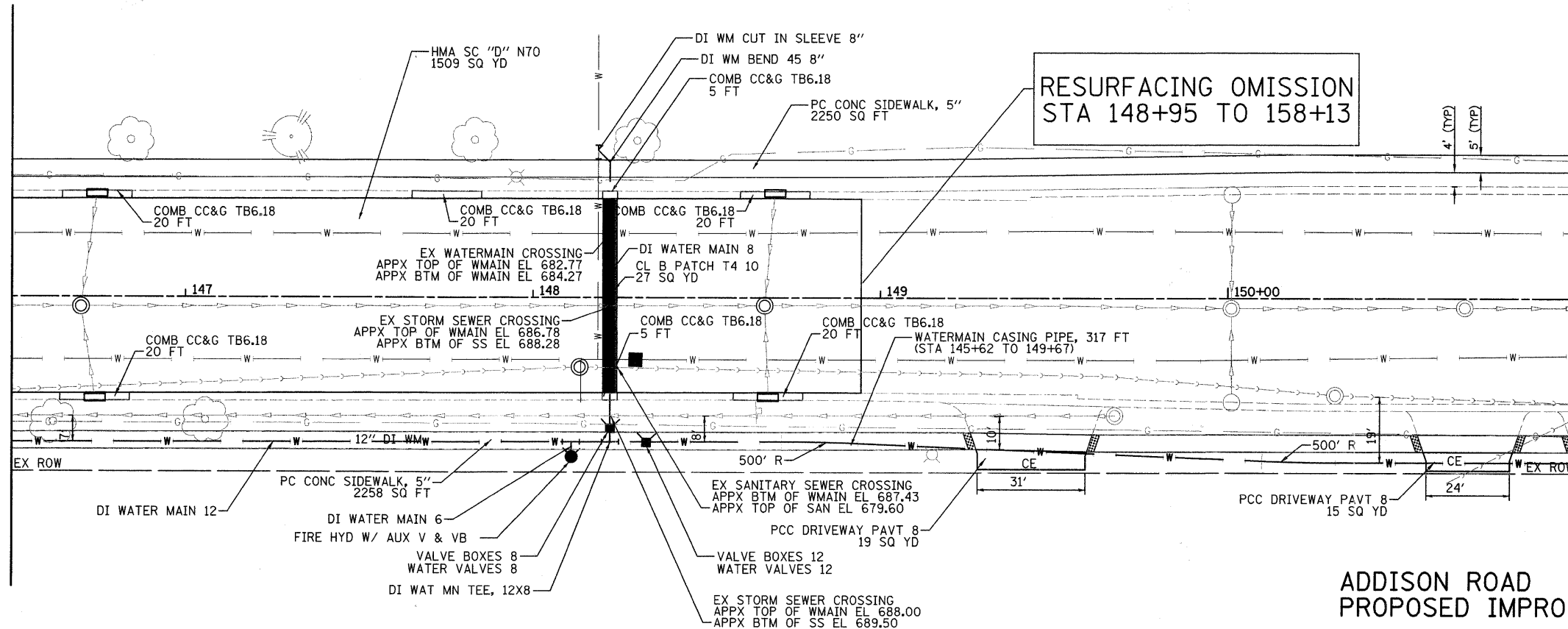
MATCH LINE STA 146+50  
(SEE SHEET NO. 14)



MATCH LINE STA 151+00  
(SEE SHEET NO. 16)

ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 146+50  
(SEE SHEET NO. 14)



MATCH LINE STA 151+00  
(SEE SHEET NO. 16)

ADDISON ROAD  
PROPOSED IMPROVEMENTS

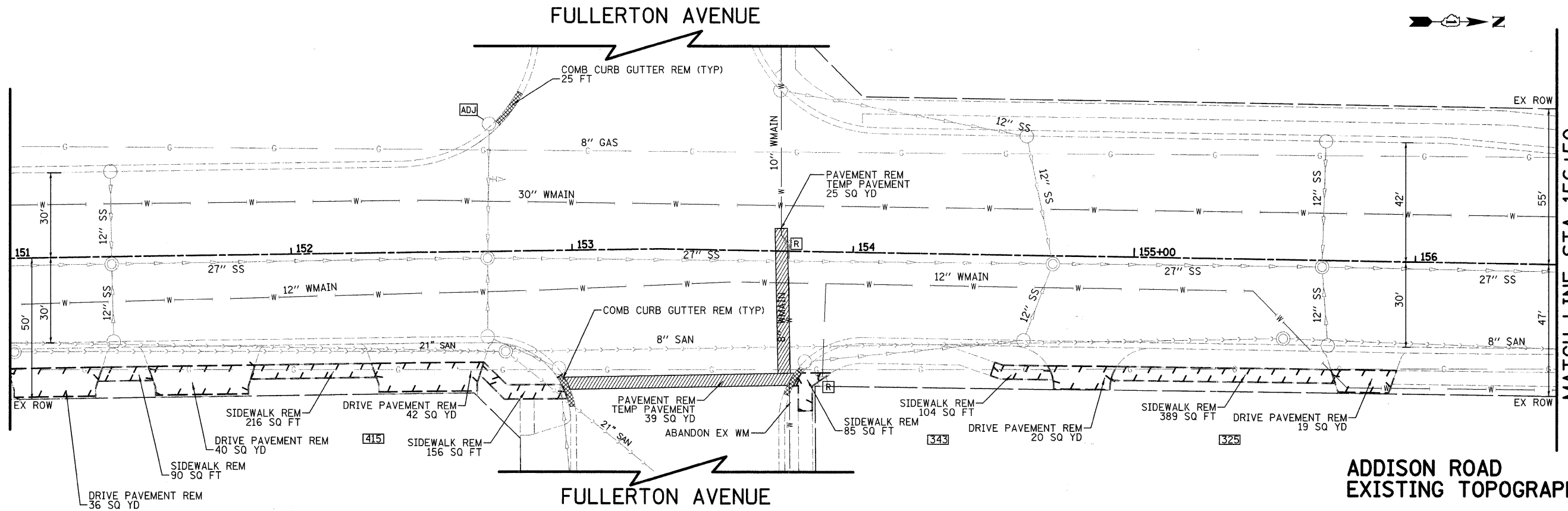
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#FILE#		DRAWN - JRR	REVISED -				2642	06-00095-00-RS	DUPAGE	46	15		
		CHECKED - RTM	REVISED -				CONTRACT NO. 63100						
		DATE - 11/21/2008	REVISED -	SCALE: 1" = 20'		SHEET NO. 15 OF 46 SHEETS	STA 146+50 TO STA 151+00	FED ROAD DIST NO. ILLINOIS FED AID PROJECT					



PLAN	SURVEYED	DATE
	PLOTTED	
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	NO.	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
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	DATE	

MATCH LINE STA 151+00  
(SEE SHEET NO. 15)

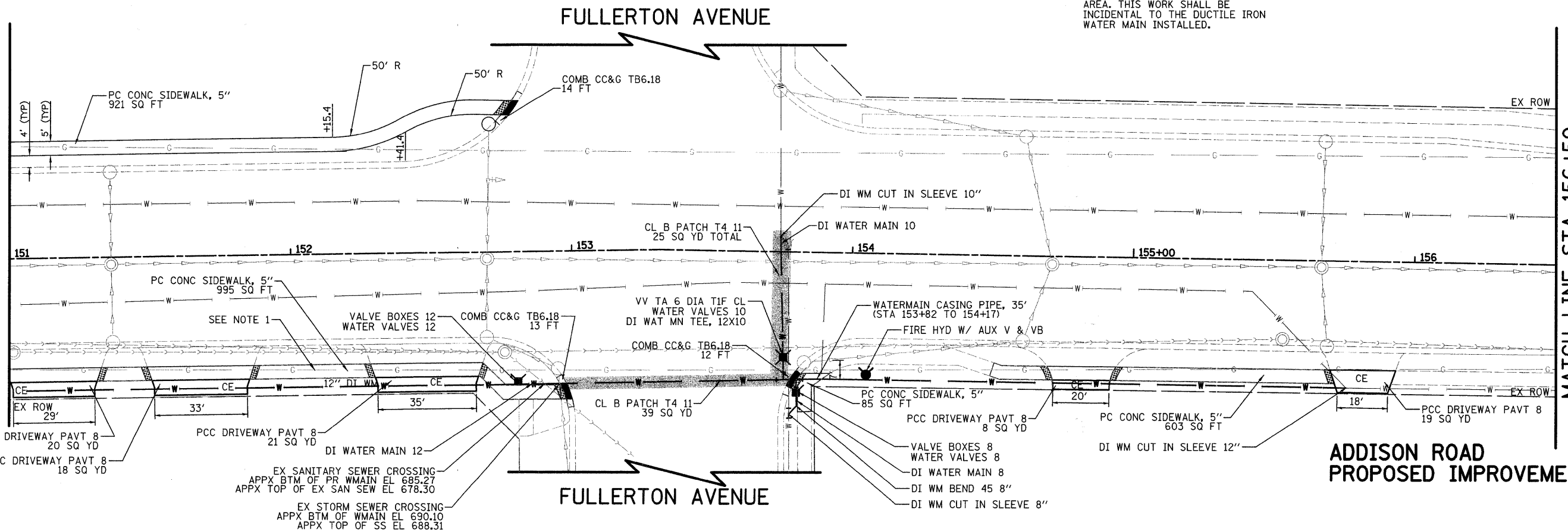


MATCH LINE STA 156+50  
(SEE SHEET NO. 17)

ADDISON ROAD  
EXISTING TOPOGRAPHY

NOTE:  
1.) NEAR GAS STATION AT ADDISON ROAD AND FULLERTON AVENUE VITON GASKETS SHALL BE USED WHEN INSTALLING WATER MAIN IN THIS AREA. THIS WORK SHALL BE INCIDENTAL TO THE DUCTILE IRON WATER MAIN INSTALLED.

MATCH LINE STA 151+00  
(SEE SHEET NO. 15)

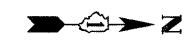


MATCH LINE STA 156+50  
(SEE SHEET NO. 17)

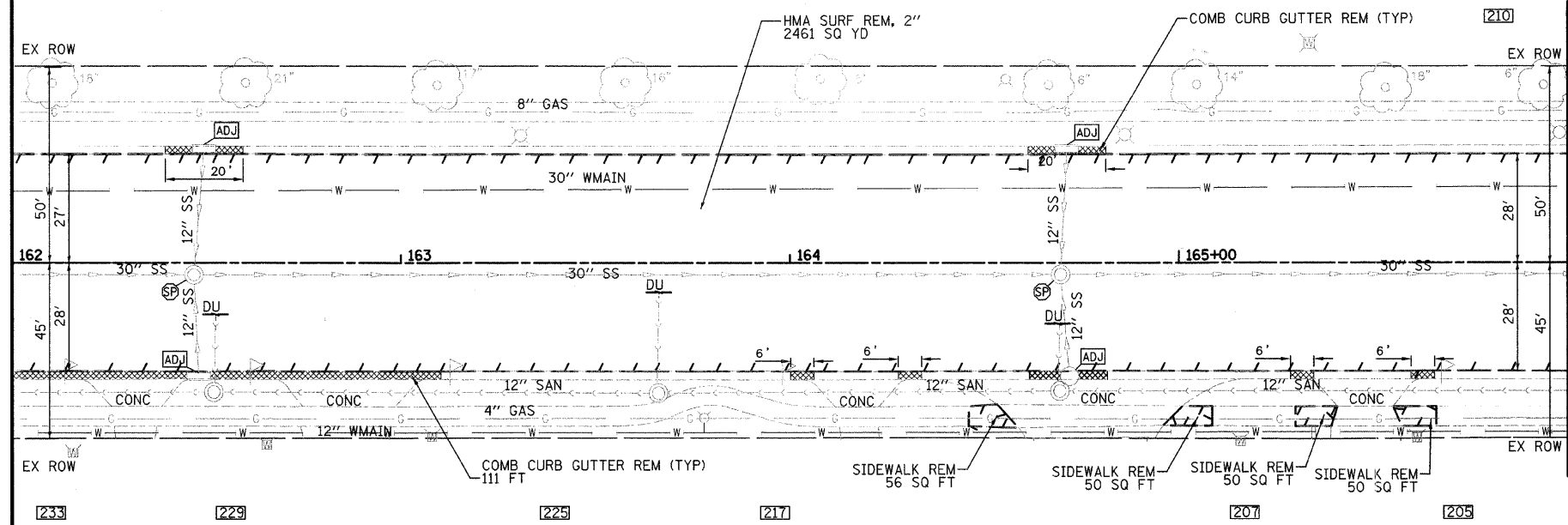
ADDISON ROAD  
PROPOSED IMPROVEMENTS

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PLOT SCALE = 20,0000' / IN.	CHECKED - RTM	DRAWN - JRR	REVISED -		SCALE: 1" = 20'	SHEET NO. 16 OF 46 SHEETS	STA 151+00 TO STA 156+50	FED ROAD DIST NO. ILLINOIS	FED AID PROJECT
PLOT DATE = 12/9/2008	DATE - 11/21/2008	CHECKED - RTM	REVISED -		CONTRACT NO. 63100				
		DATE - 11/21/2008	REVISED -						





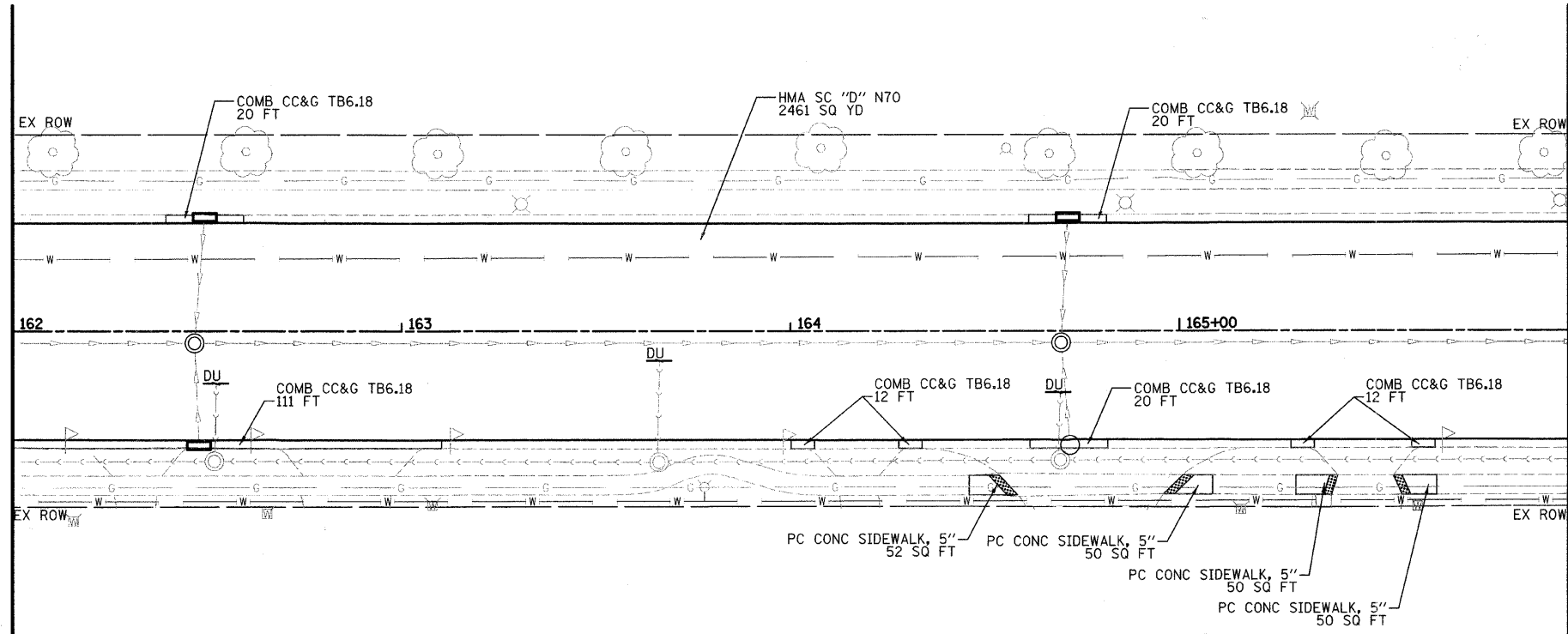
MATCH LINE STA 162+00  
(SEE SHEET NO. 17)



MATCH LINE STA 166+00  
(SEE SHEET NO. 19)

ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 162+00  
(SEE SHEET NO. 17)



MATCH LINE STA 166+00  
(SEE SHEET NO. 19)

ADDISON ROAD  
PROPOSED IMPROVEMENTS

PLAN	REVISIONS	DATE
NO.	DESCRIPTION	
	BY	
	CHECKED	
	DATE	

PROFILE	REVISIONS	DATE
NO.	DESCRIPTION	
	BY	
	CHECKED	
	DATE	

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 CHECKED - RTM  
 DATE - 11/21/2008

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ROADWAY PLAN - ADDISON ROAD		
SCALE: 1" = 20'	SHEET NO. 18 OF 46 SHEETS	STA 162+00 TO STA 166+00

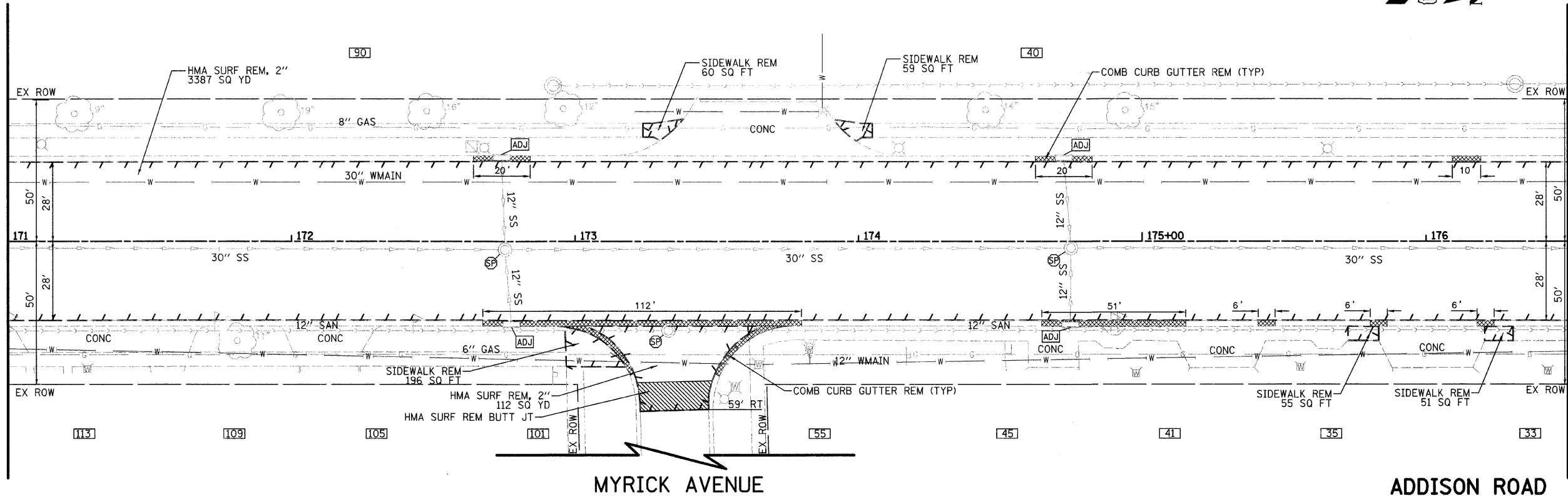
FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	18
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	



PLAN	SURVEYED	BY	DATE
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	ALIGNMENT CHECKED		
	GRADES CHECKED		
	FIELD FILE NAME		
	NO.		

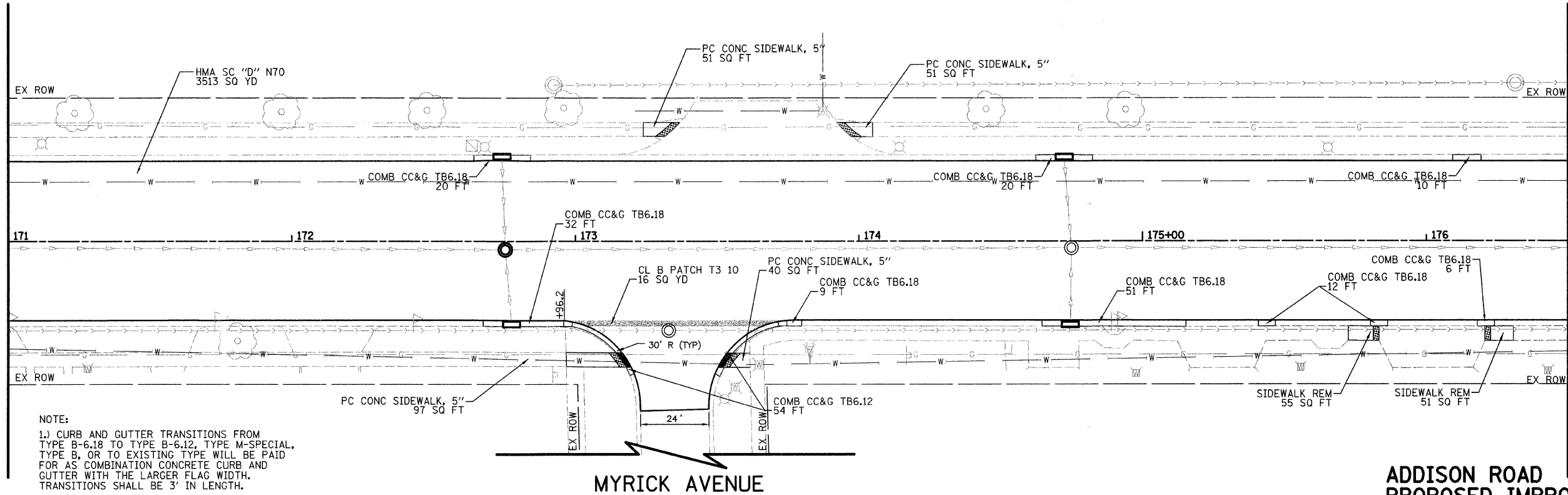
PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	GRADES CHECKED		
	FIELD FILE NAME		
	NO.		

MATCH LINE STA 171+00  
(SEE SHEET NO. 19)



ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 171+00  
(SEE SHEET NO. 19)



ADDISON ROAD  
PROPOSED IMPROVEMENTS

NOTE:  
1.) CURB AND GUTTER TRANSITIONS FROM TYPE B-6.18 TO TYPE B-6.12, TYPE M-SPECIAL, TYPE B, OR TO EXISTING TYPE WILL BE PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER WITH THE LARGER FLAG WIDTH. TRANSITIONS SHALL BE 3' IN LENGTH.

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CHECKED - RTM  
DATE - 11/21/2008

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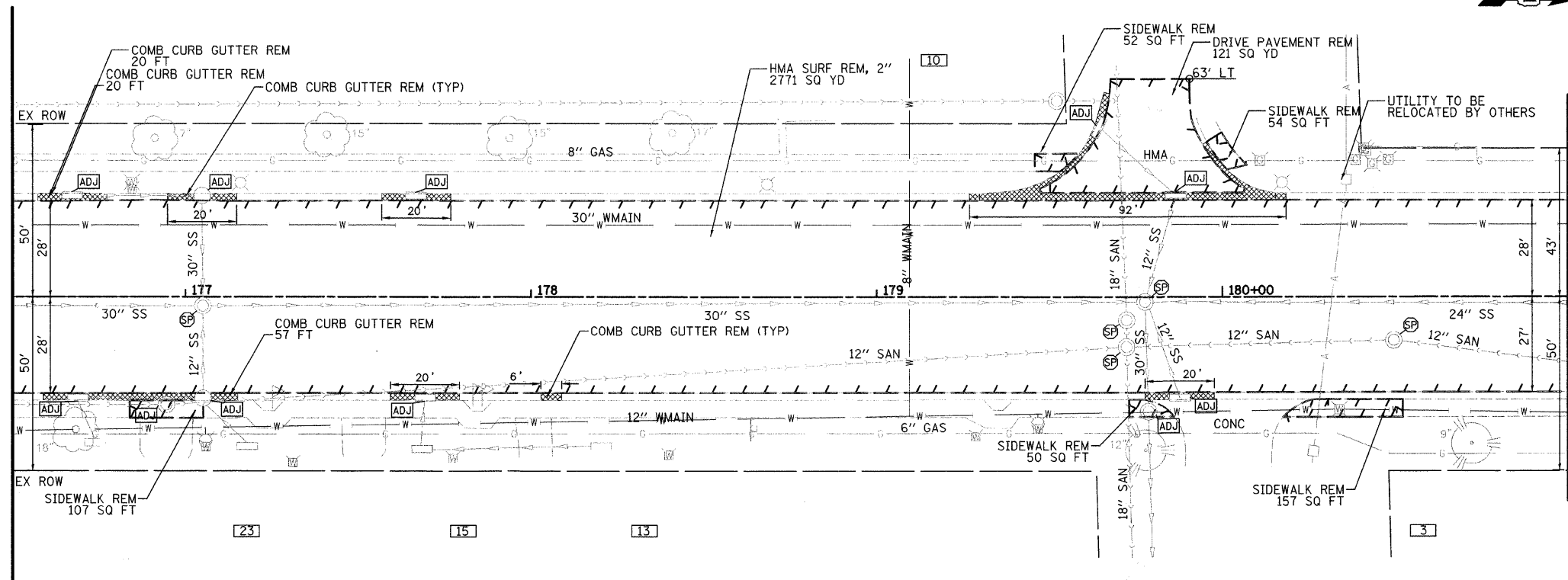
ROADWAY PLAN - ADDISON ROAD

SCALE: 1" = 20' SHEET NO. 20 OF 46 SHEETS STA 171+00 TO STA 176+50

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	20
FED ROAD DIST NO.		ILLINOIS FED AID PROJECT		
		CONTRACT NO. 63100		



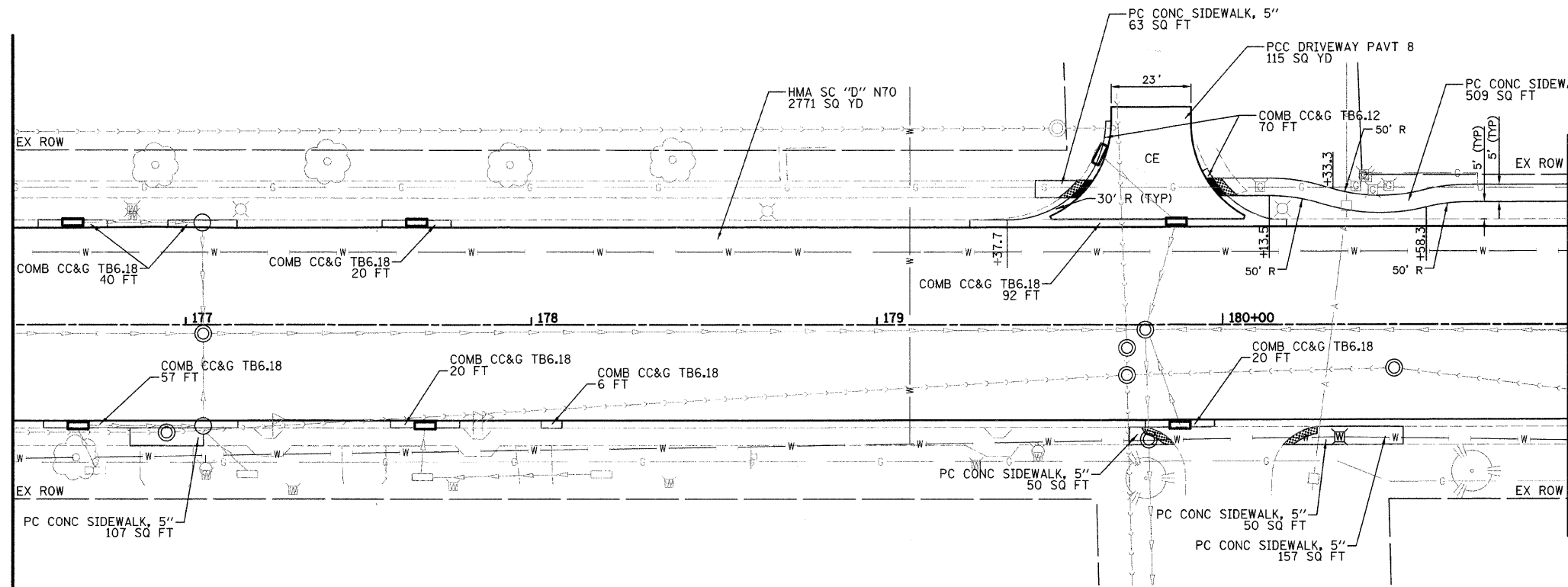
MATCH LINE STA 176+50  
(SEE SHEET NO. 20)



MATCH LINE STA 181+00  
(SEE SHEET NO. 22)

ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 176+50  
(SEE SHEET NO. 20)



MATCH LINE STA 181+00  
(SEE SHEET NO. 22)

ADDISON ROAD  
PROPOSED IMPROVEMENTS

PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE

PROFILE	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE

FILE NAME = J:\2192\road\sheet\04\_RP\2192\_RP2.dgn

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PLOT DATE = 11/18/2008

DATE - 11/21/2008  
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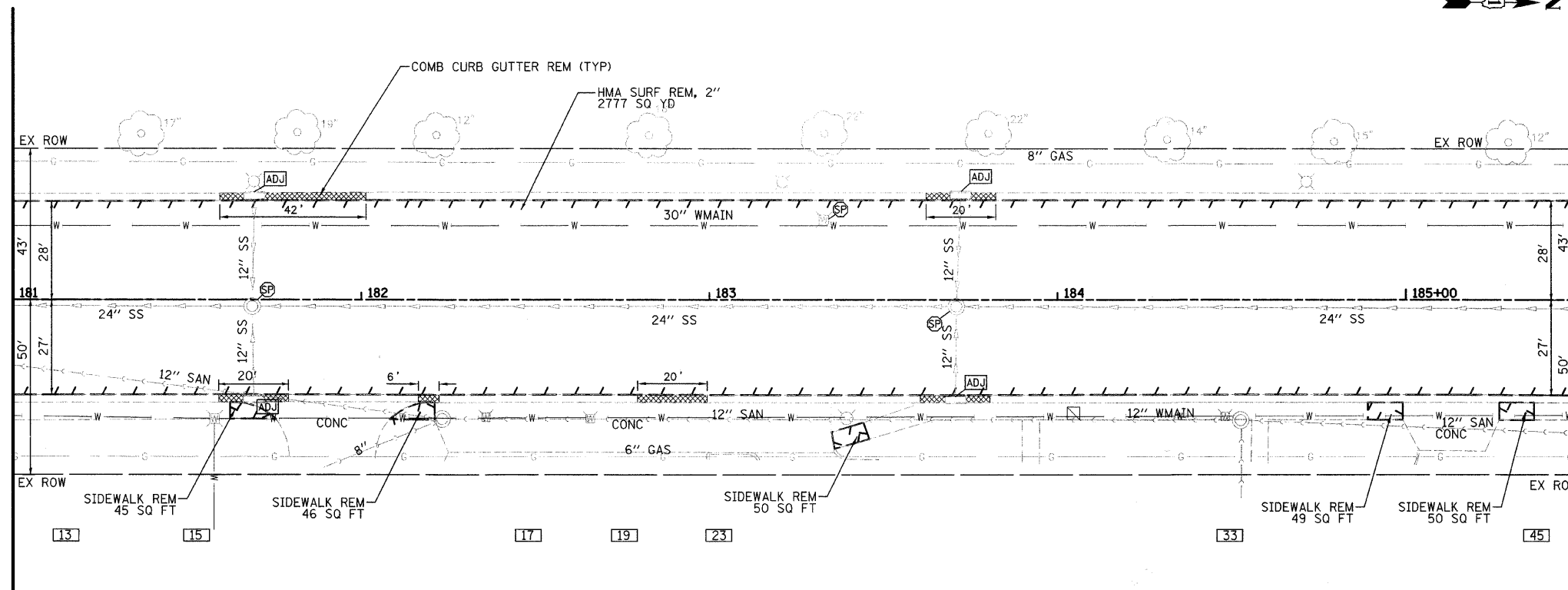
ROADWAY PLAN - ADDISON ROAD  
SCALE: 1" = 20'  
SHEET NO. 21 OF 46 SHEETS  
STA 176+50 TO STA 181+00

FA RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	21
FED ROAD DIST NO.		ILLINOIS FED AID PROJECT		CONTRACT NO. 63100

PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STAKE PLACED	
	FIELD FILE NAME	

PROFILE	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STAKE PLACED	
	FIELD FILE NAME	

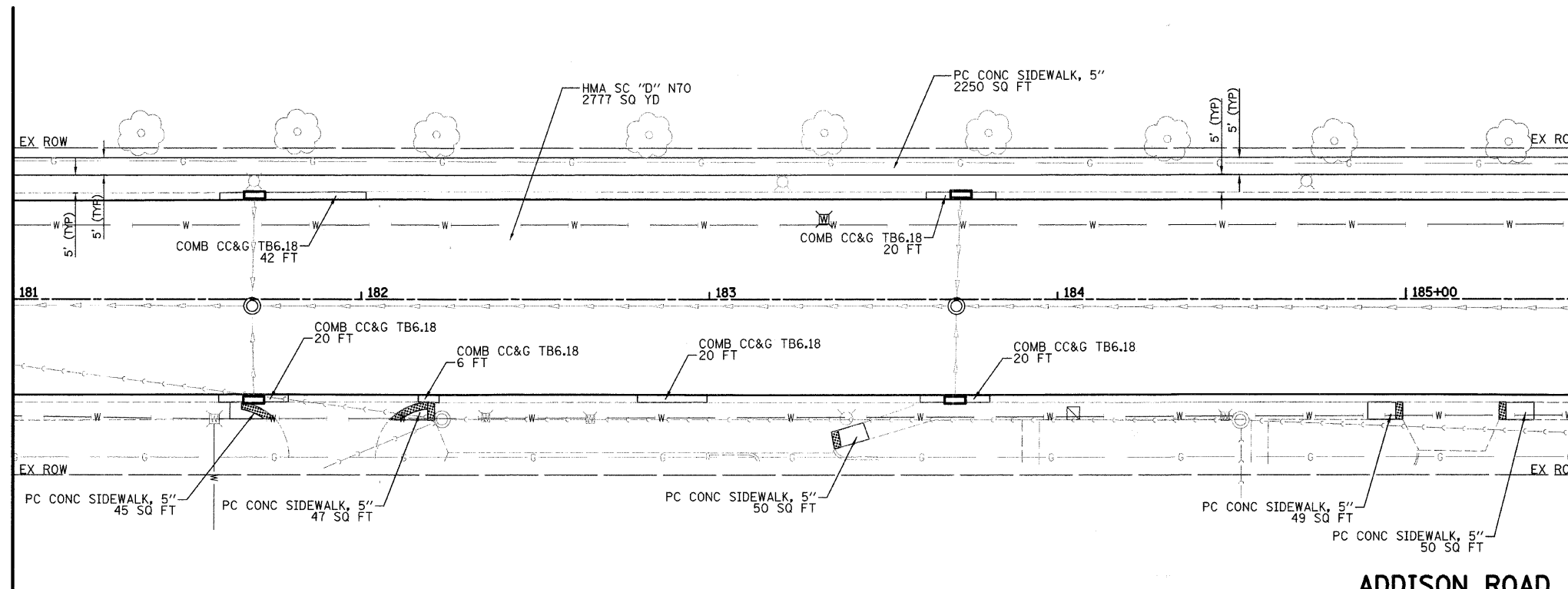
MATCH LINE STA 181+00  
(SEE SHEET NO. 21)



MATCH LINE STA 185+50  
(SEE SHEET NO. 23)

ADDISON ROAD  
EXISTING TOPOGRAPHY

MATCH LINE STA 181+00  
(SEE SHEET NO. 21)



MATCH LINE STA 185+50  
(SEE SHEET NO. 23)

ADDISON ROAD  
PROPOSED IMPROVEMENTS

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PLOT DATE = 11/18/2008

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DATE - 11/21/2008

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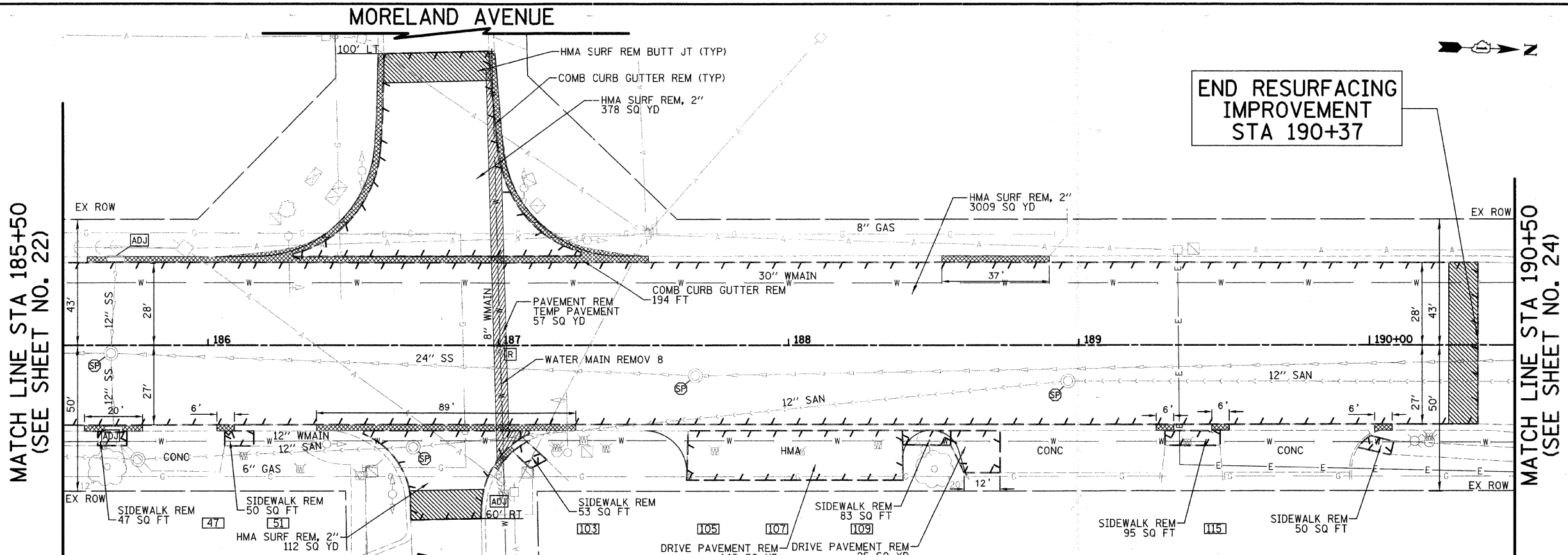


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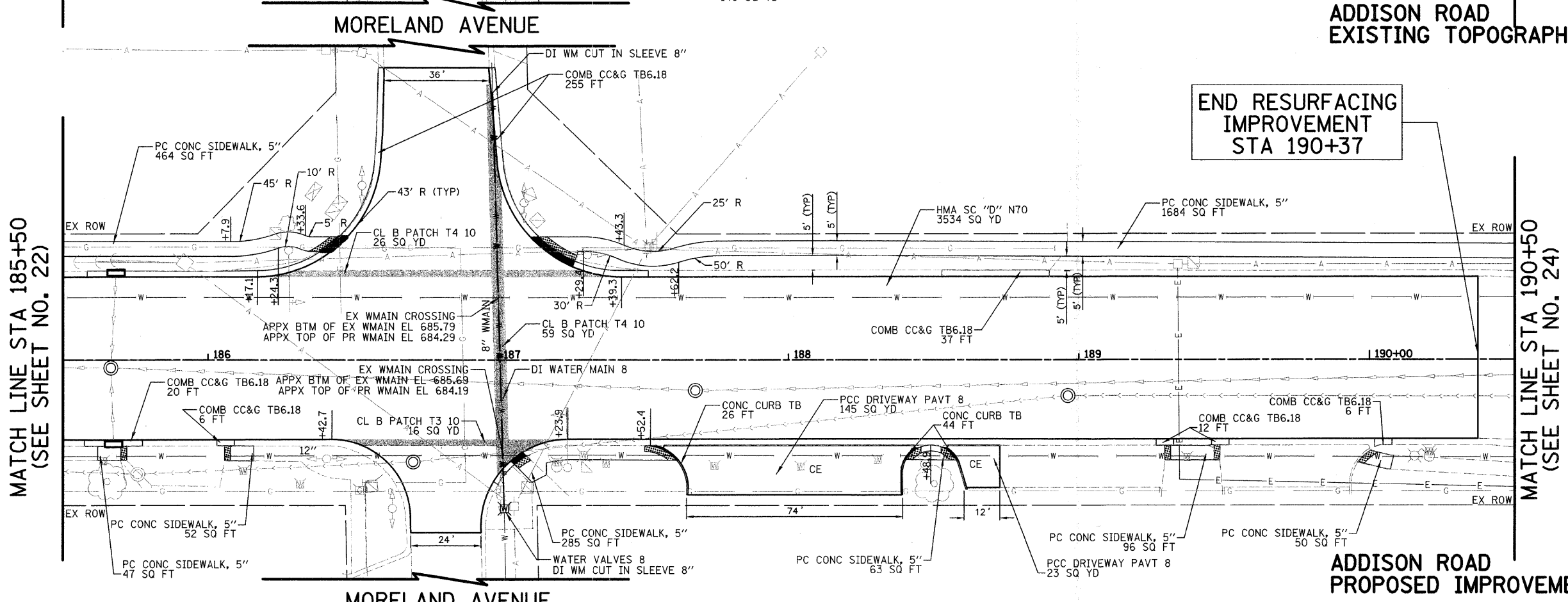
ROADWAY PLAN - ADDISON ROAD

SCALE: 1" = 20' SHEET NO. 22 OF 46 SHEETS STA 181+00 TO STA 185+50

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	22
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	



END RESURFACING  
IMPROVEMENT  
STA 190+37



END RESURFACING  
IMPROVEMENT  
STA 190+37

ADDISON ROAD  
EXISTING TOPOGRAPHY

ADDISON ROAD  
PROPOSED IMPROVEMENTS

MATCH LINE STA 185+50  
(SEE SHEET NO. 22)

MATCH LINE STA 190+50  
(SEE SHEET NO. 24)

MATCH LINE STA 185+50  
(SEE SHEET NO. 22)

MATCH LINE STA 190+50  
(SEE SHEET NO. 24)

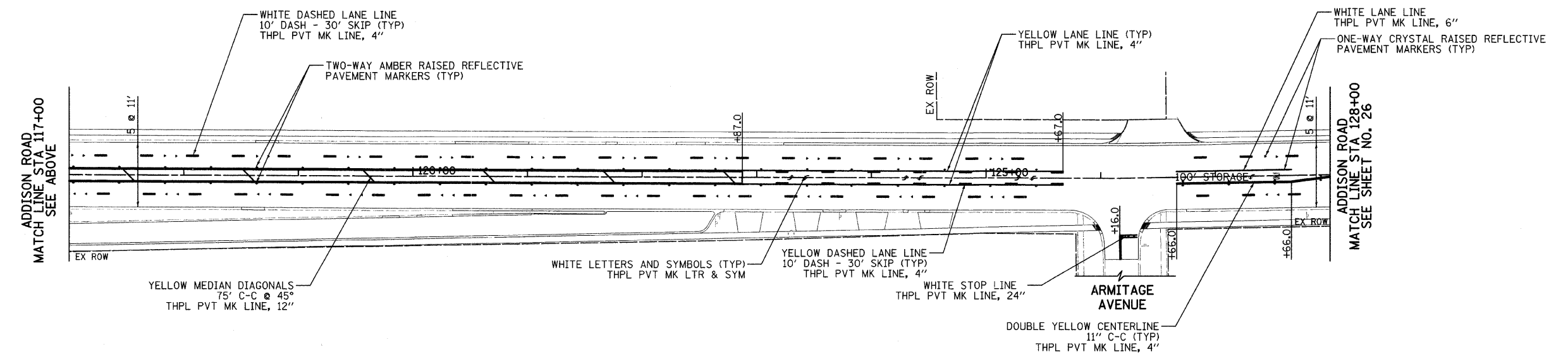
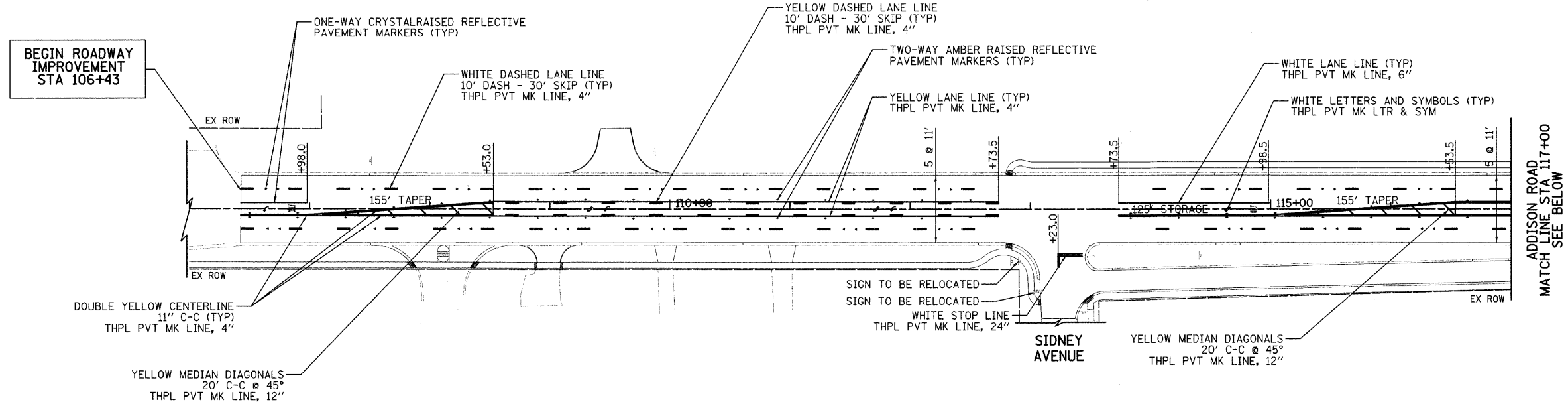
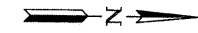
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PROFILE	REVISION	DATE
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NO.	BY	

FILE NAME = J:\2192\oad\sheet\04_RP\2192_RP3.dgn	USER NAME = jrr	DESIGNED - PK	REVISED -	  450 E Devon Ave, Suite 300 - Bensenville, Illinois 60141 Tel: 630.773.3900 • Fax: 630.773.3975 www.civiltechinc.com	ROADWAY PLAN - ADDISON ROAD		FA RTE 2642	SECTION 06-00095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 23
PLOT SCALE = 28,0000' / IN.	CHECKED - RTM	DATE - 11/21/2008	REVISED -		SCALE: 1" = 20'	SHEET NO. 23 OF 46 SHEETS	STA 185+50 TO STA 190+50	FED ROAD DIST NO.	ILLINOIS FED AID PROJECT	CONTRACT NO. 63100	
PLOT DATE = 11/18/2008	DATE - 11/21/2008	REVISED -	REVISED -								





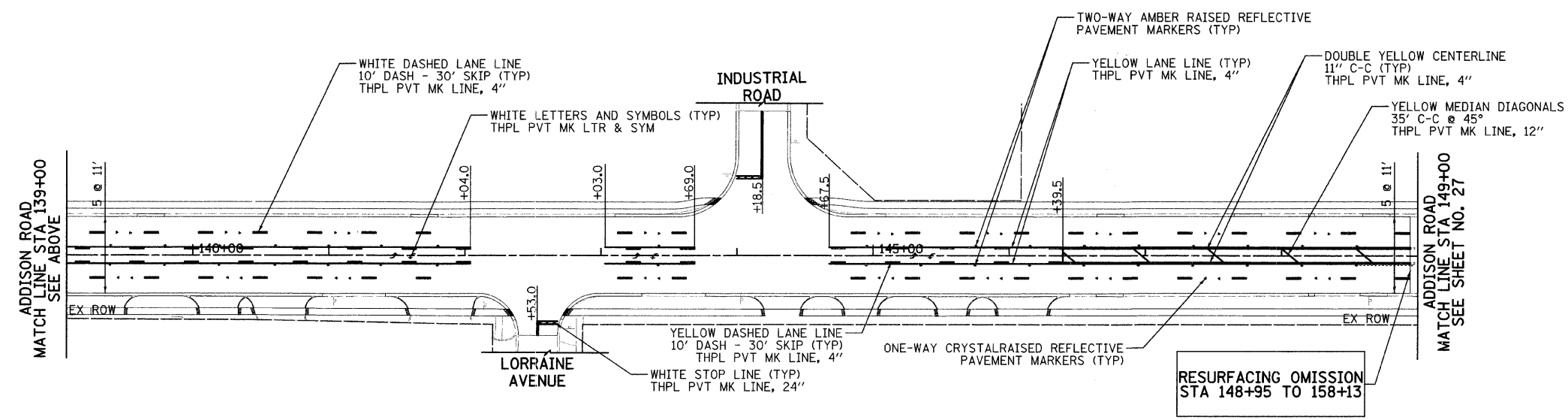
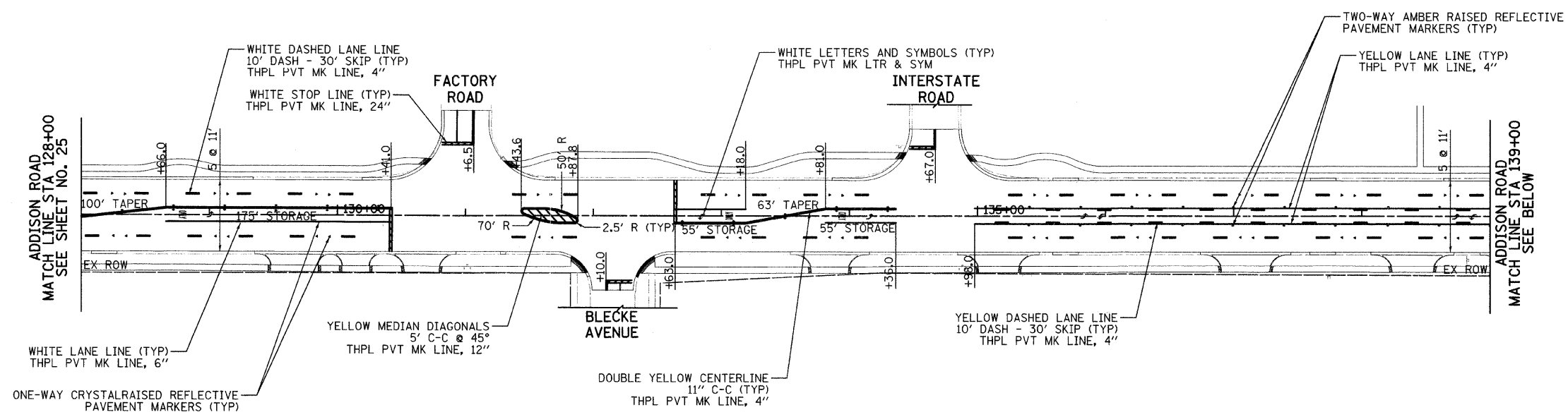
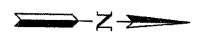


NOTES:  
1.) ALL LANE AND PAINTED MEDIAN WIDTHS ARE 11' UNLESS OTHERWISE SPECIFIED.

DATE	BY
REVISION	PLOTTED
ALIGNMENT CHECKED	FILED
NOTE BOOK NO.	FILE NAME

DATE	BY
REVISION	PLOTTED
GRADES CHECKED	NOTATION
NOTE BOOK NO.	FILE NAME

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PLOT SCALE = 50.0000' / IN.	CHECKED - RTM	DRAWN - JRR	REVISED -		SCALE: 1" = 50'	SHEET NO. 25 OF 46 SHEETS	STA 106+43 TO STA 128+00	FED ROAD DIST NO.	ILLINOIS FED AID PROJECT	CONTRACT NO. 63100	
PLOT DATE = 11/18/2008	DATE - 11/21/2008	CHECKED - RTM	REVISED -								



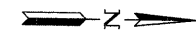
**RESURFACING OMISSION  
STA 148+95 TO 158+13**

NOTES:  
1.) ALL LANE AND PAINTED MEDIAN WIDTHS ARE 11' UNLESS OTHERWISE SPECIFIED.

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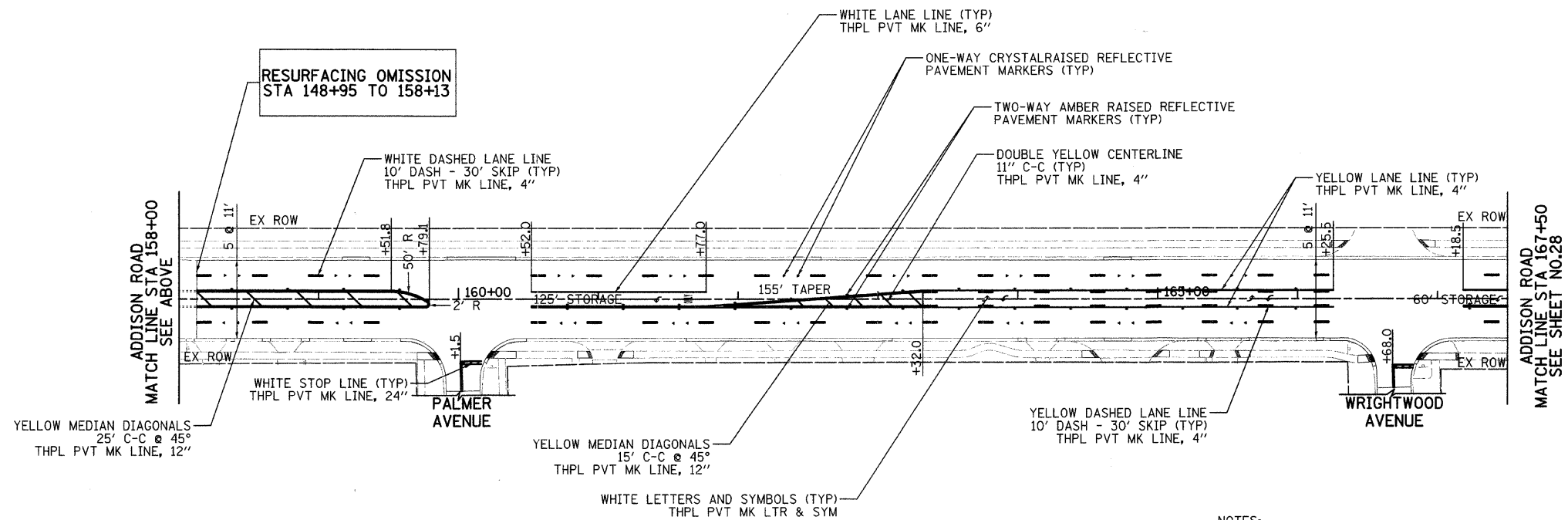
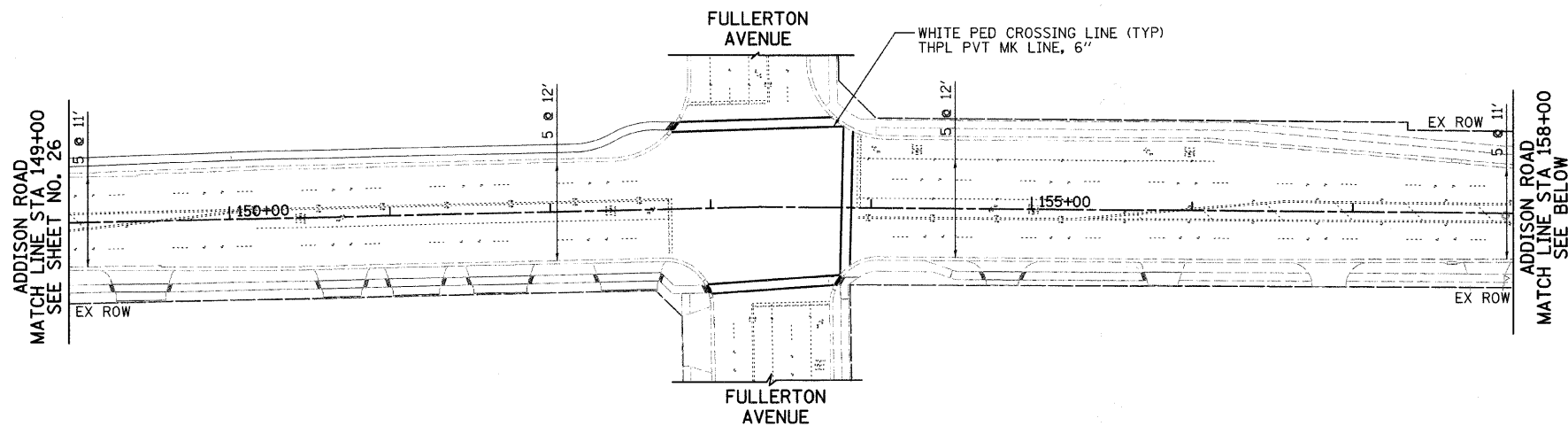
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NOTE BOOK	
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PLOT SCALE = 50.0000' / IN.	DRAWN - JRR	REVISED -	2642							06-00095-00-RS	DUPAGE	46	26			
PLOT DATE = 11/18/2008	CHECKED - RTM	REVISED -	SCALE: 1" = 50'				SHEET NO. 26 OF 46 SHEETS		STA 128+00 TO STA 149+00		CONTRACT NO. 63100		FED ROAD DIST NO. ILLINOIS FED AID PROJECT			
	DATE - 11/21/2008	REVISED -														



PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED CHECKED	
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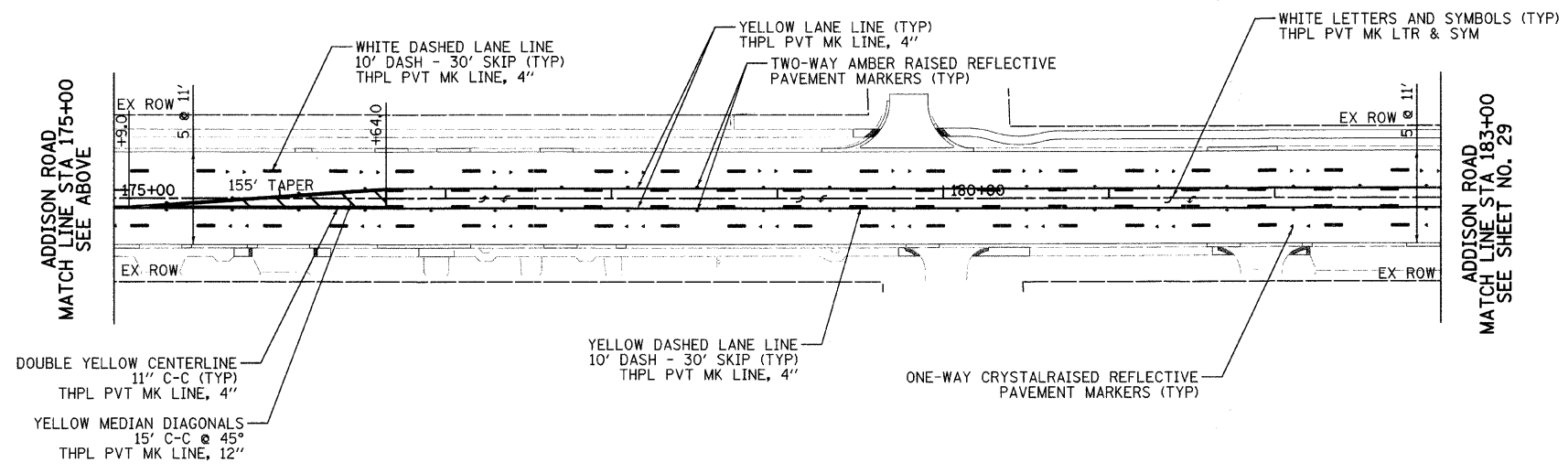
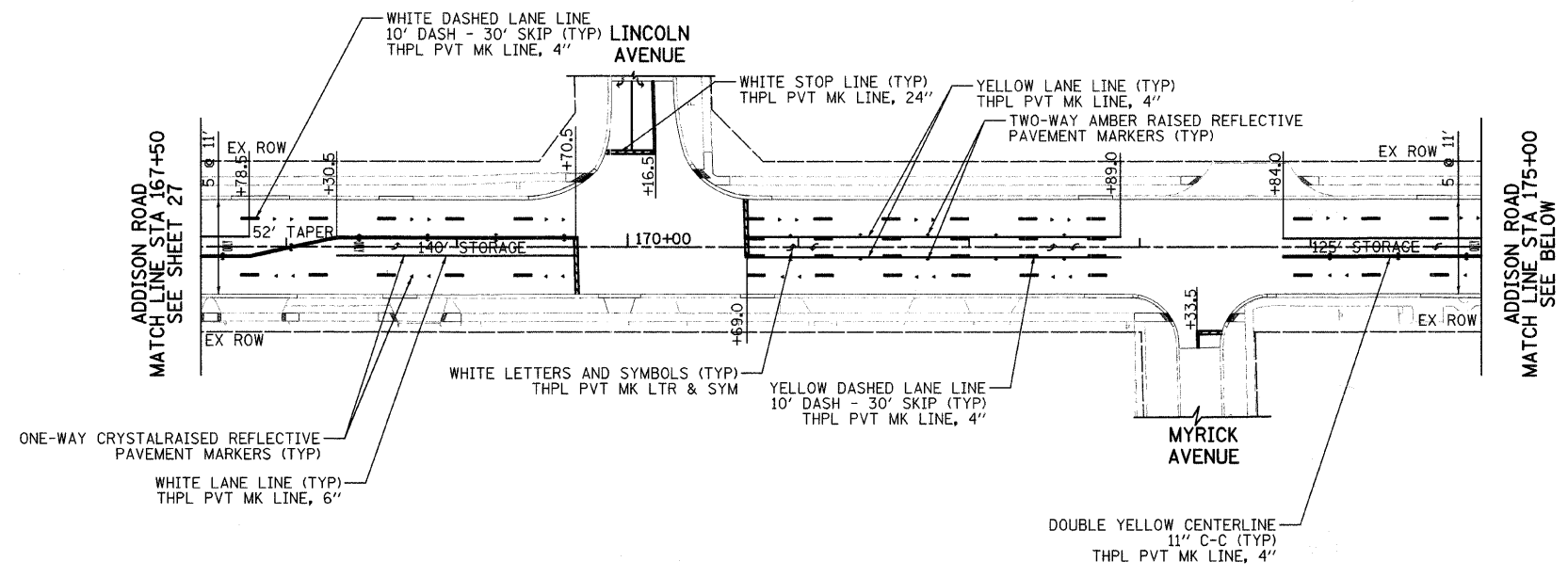
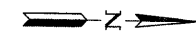
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NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATION OK'D	



NOTES:

- 1.) ALL LANE AND PAINTED MEDIAN WIDTHS ARE 11' UNLESS OTHERWISE SPECIFIED.

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PLOT SCALE = 58.0000' / IN.	CHECKED - RTM	DATE - 11/21/2008	REVISED -				FED ROAD DIST NO.	ILLINOIS FED AID PROJECT	CONTRACT NO. 63100		



NOTES:

- 1.) ALL LANE AND PAINTED MEDIAN WIDTHS ARE 11' UNLESS OTHERWISE SPECIFIED.

PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

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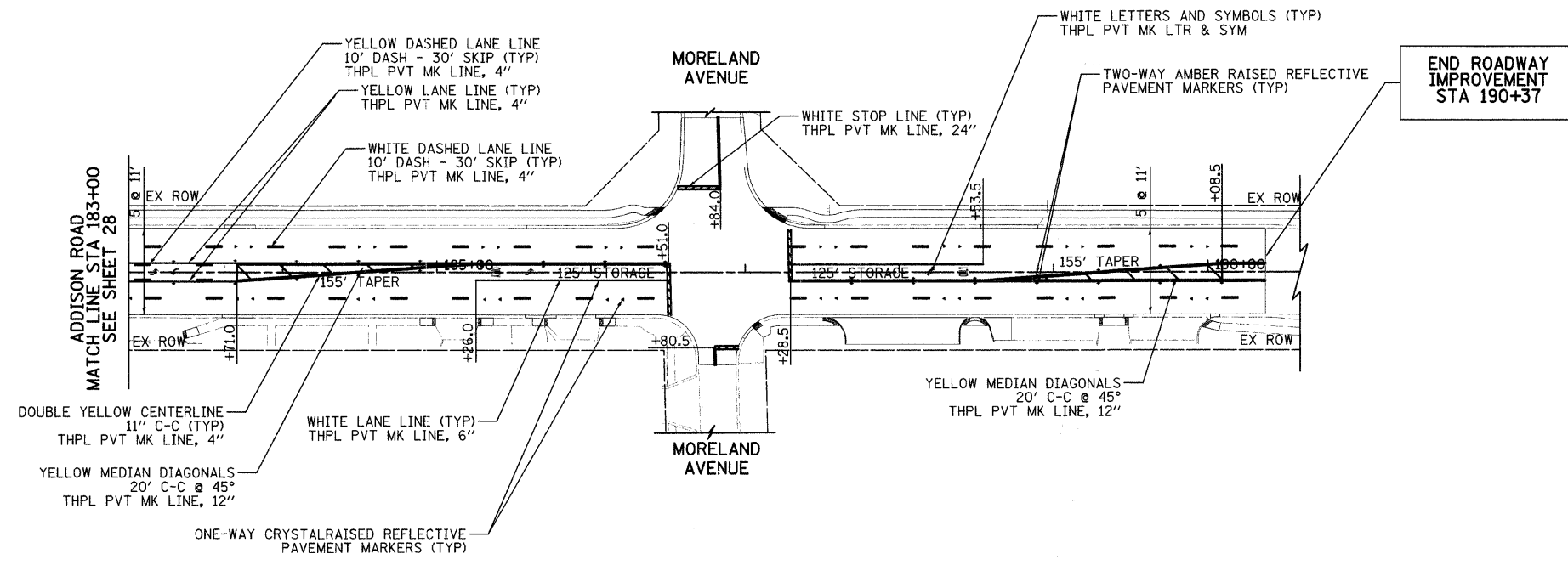
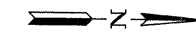


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PAVEMENT MARKING & SIGNING - ADDISON ROAD

SCALE: 1" = 50'	SHEET NO. 28 OF 46 SHEETS	STA 106+43 TO STA 128+00
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FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED ROAD DIST NO.		ILLINOIS FED AID PROJECT		
		CONTRACT NO. 63100		



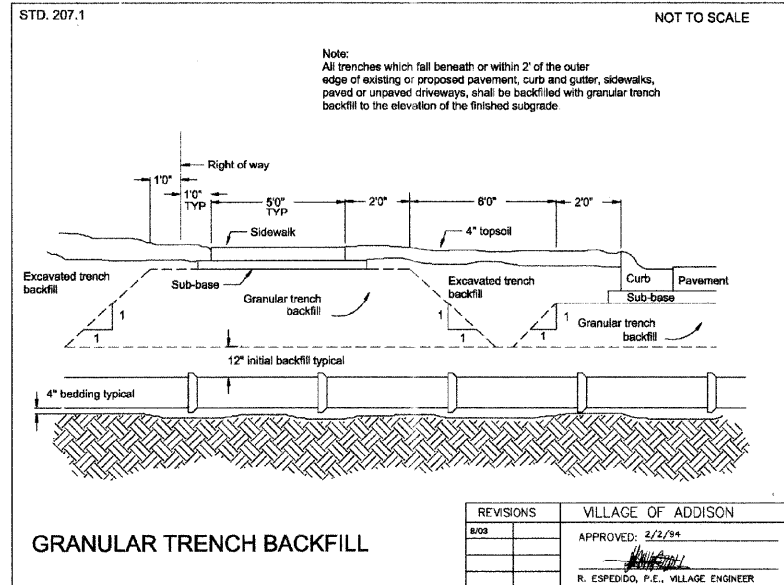
NOTES:  
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	FILE NAME	

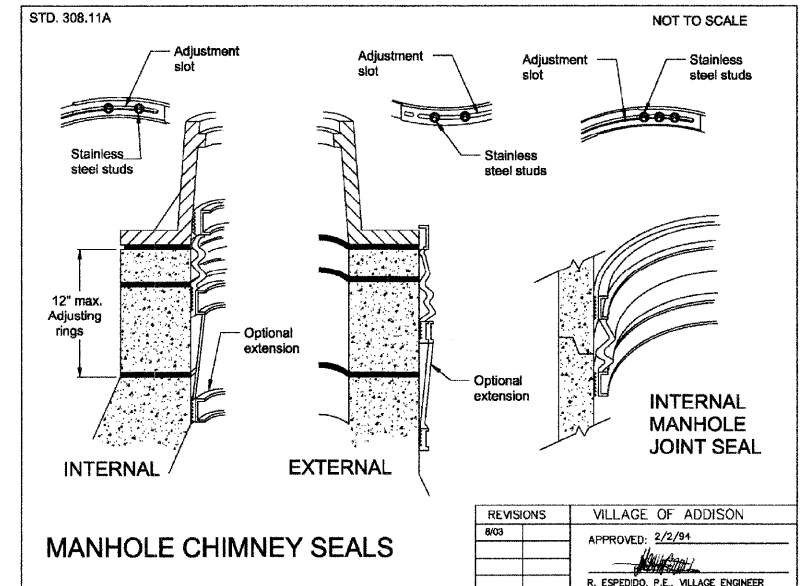
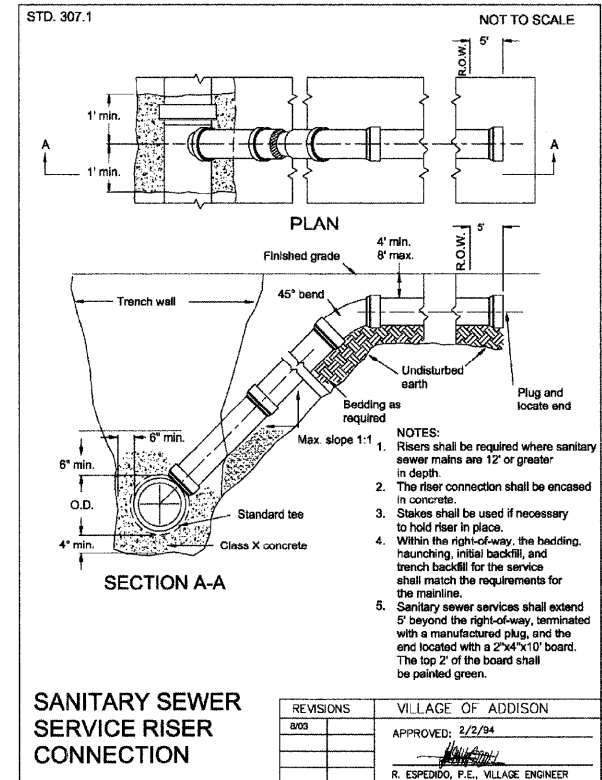
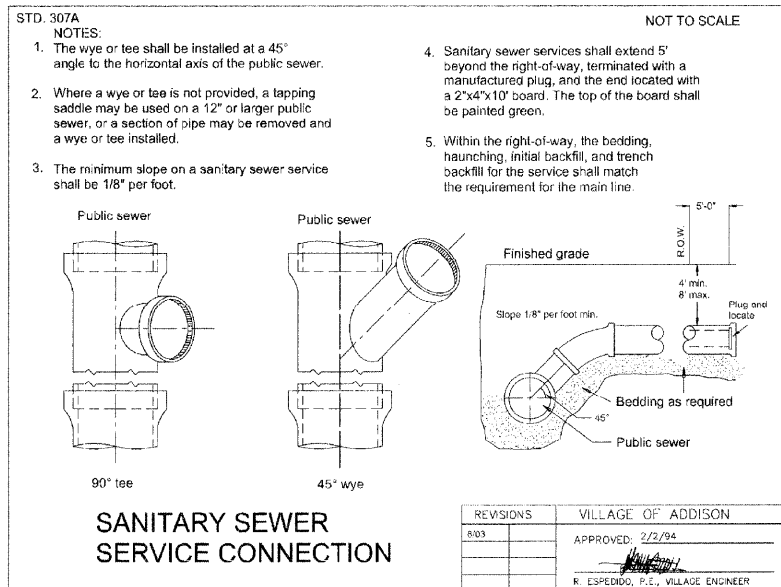
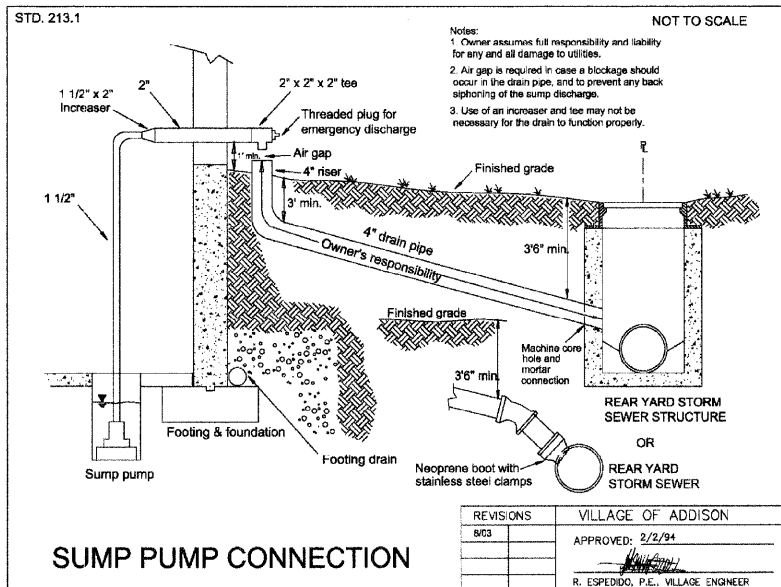
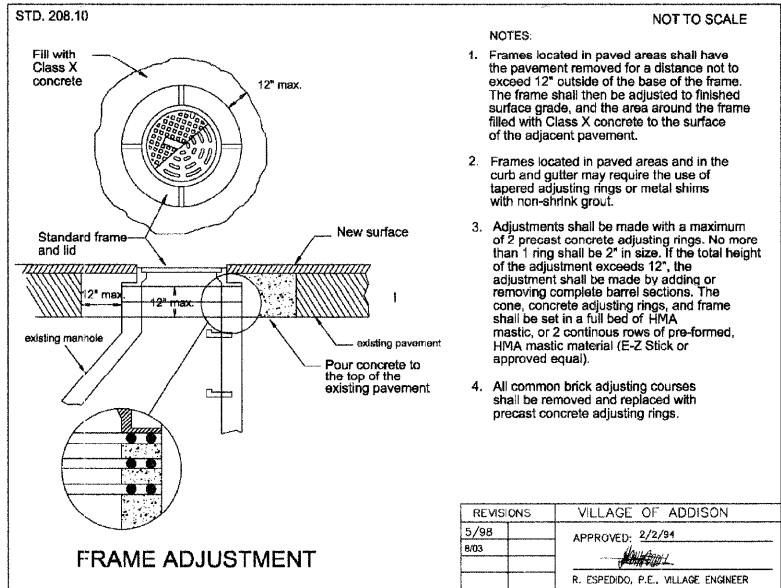
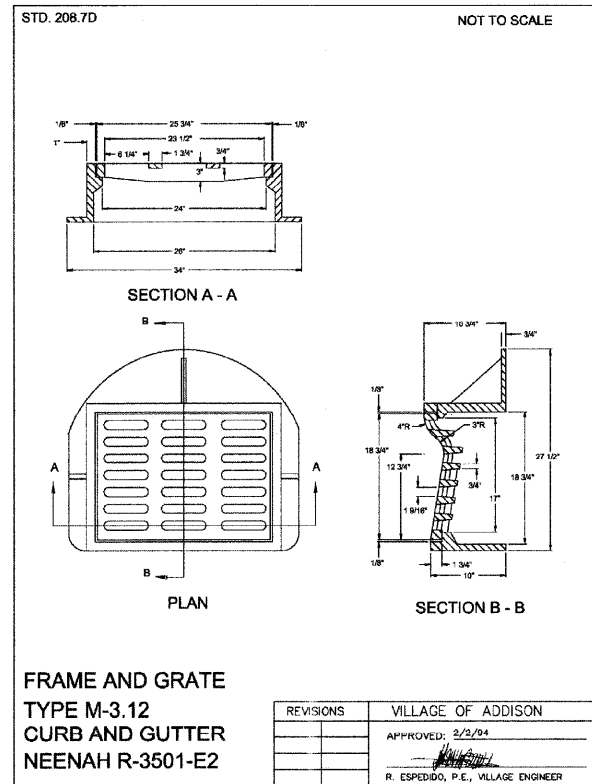
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PLOT SCALE = 50.0000' / IN.	DRAWN - JRR	REVISED -	REVISED -		2642	06-00095-00-RS	DUPAGE	46	29
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	DATE - 11/21/2008	REVISED -	REVISED -		FED ROAD DIST NO.		ILLINOIS FED AID PROJECT		CONTRACT NO. 63100

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GRADES CHECKED	
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DATE - 11/21/2008

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CONSTRUCTION DETAILS - ADDISON ROAD

SHEET NO. 30 OF 46 SHEETS

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	

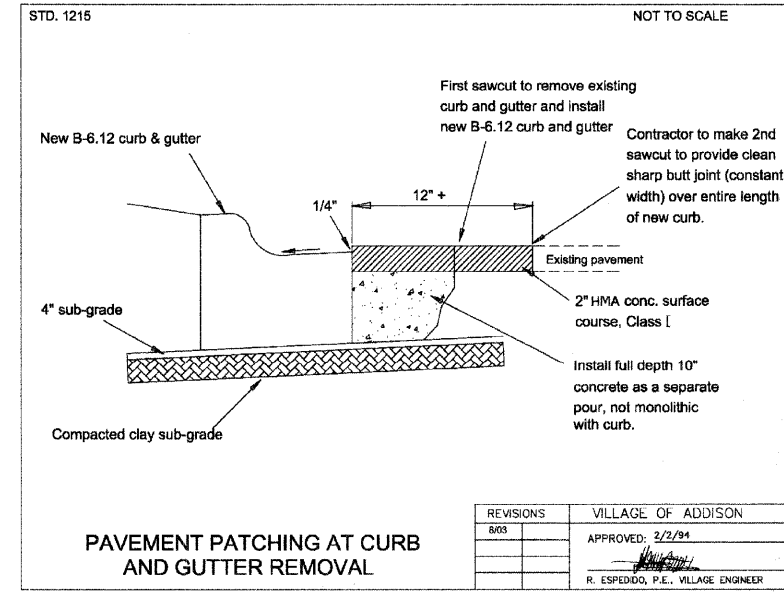
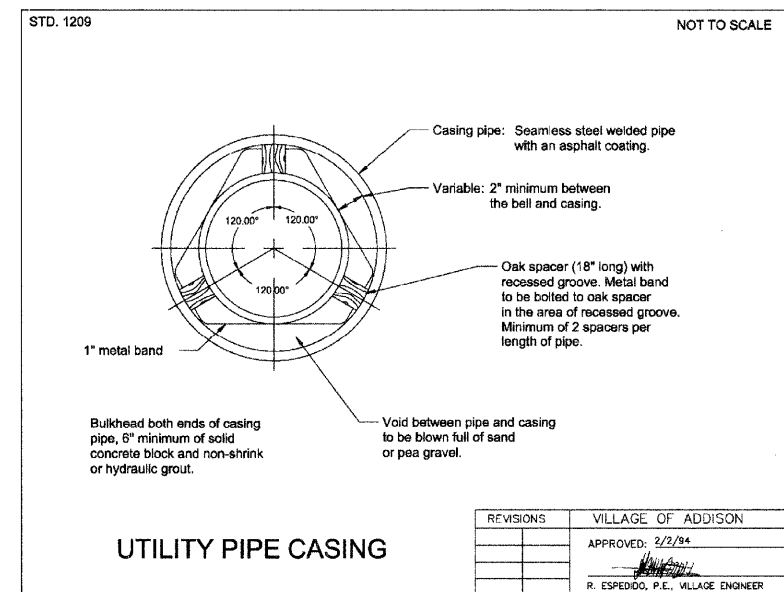
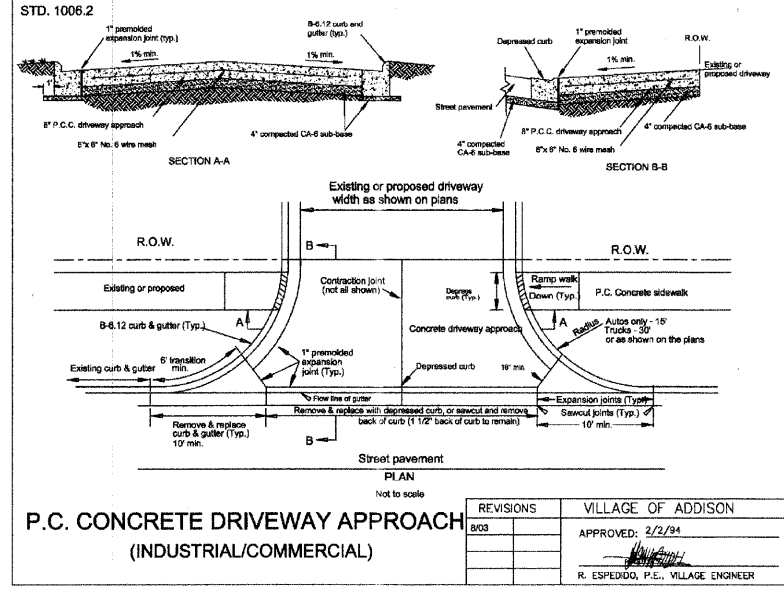
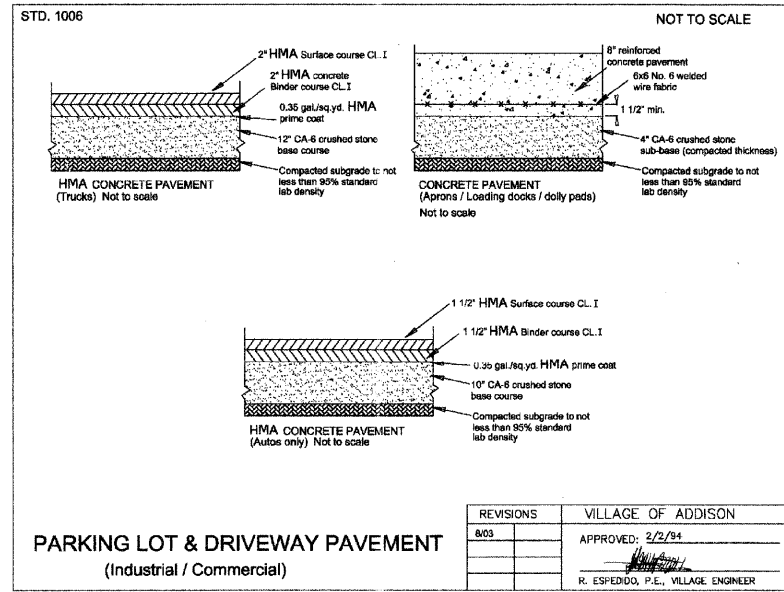
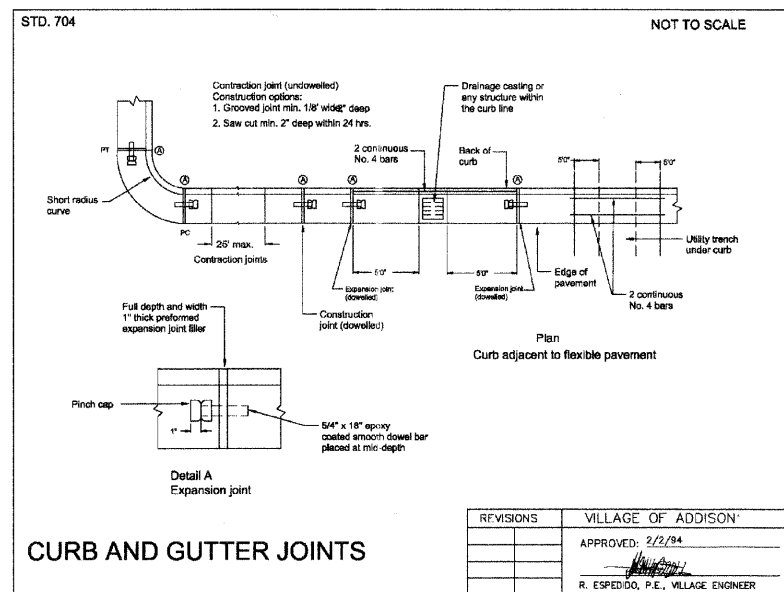






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REVISIONS	PLOTTED
ALIGNMENT	CHECKED
NOTE BOOK	NO.
FILE NAME	

DATE	BY
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GRADES	CHECKED
NOTE BOOK	NO.
FILE NAME	



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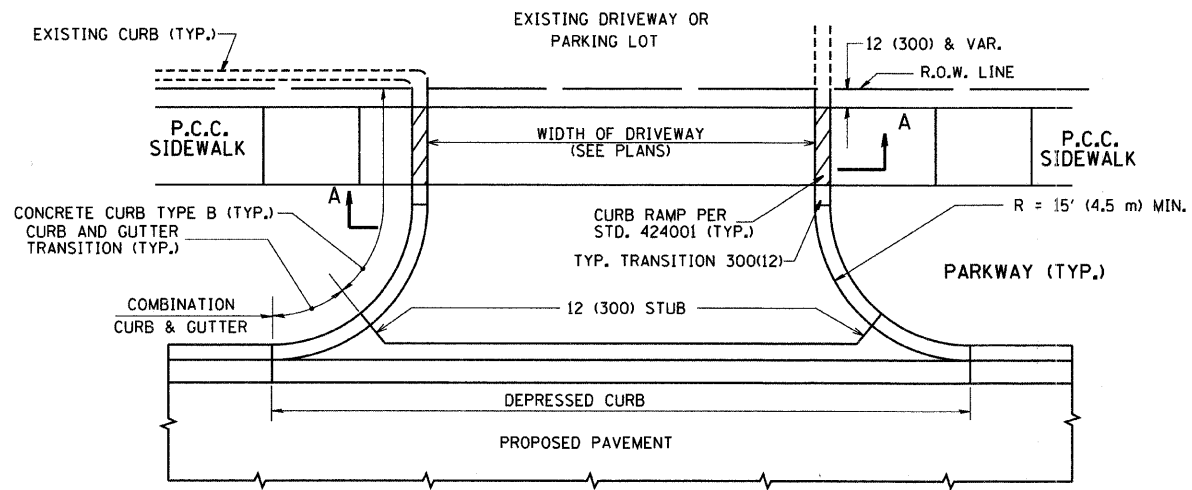
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 DATE - 11/21/2008

Get the Advantage!

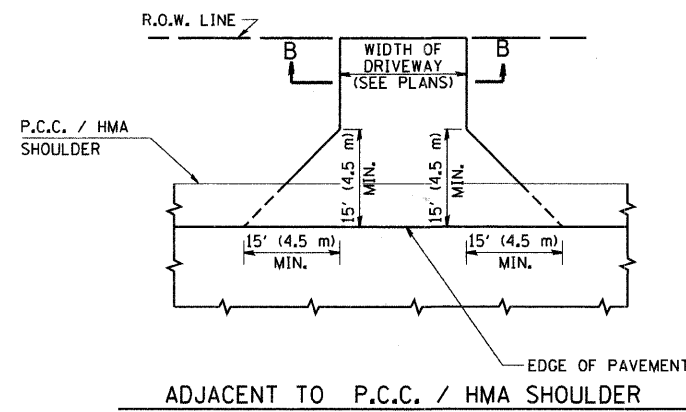
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SHEET NO. 33 OF 46 SHEETS

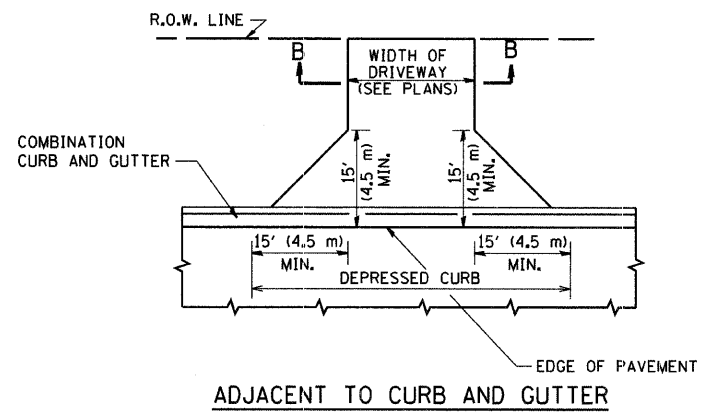
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2642	06-00095-00-RS	DUPAGE	46	33
FED ROAD DIST NO. ILLINOIS FED AID PROJECT			CONTRACT NO. 63100	



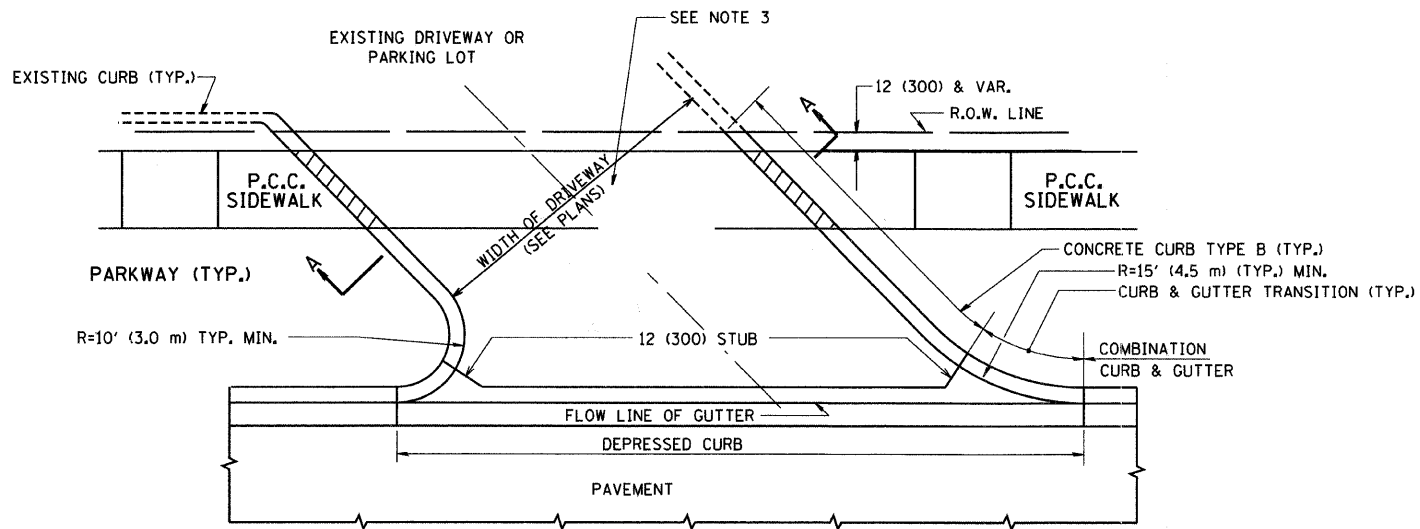
WITH CONCRETE CURB, TYPE B



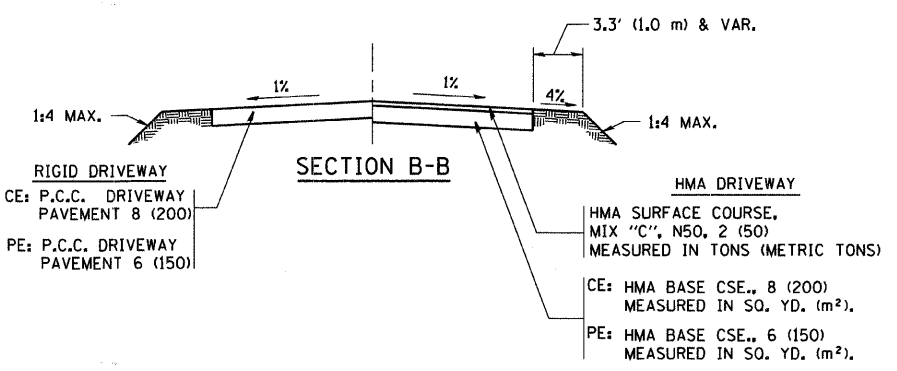
ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)  
 HMA SURFACE COURSE,  
 MIX "C", N50, 2 (50)  
 MEASURED IN TONS (METRIC TONS)  
 AGGREGATE BASE CSE., TYPE A 8 (200)  
 MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

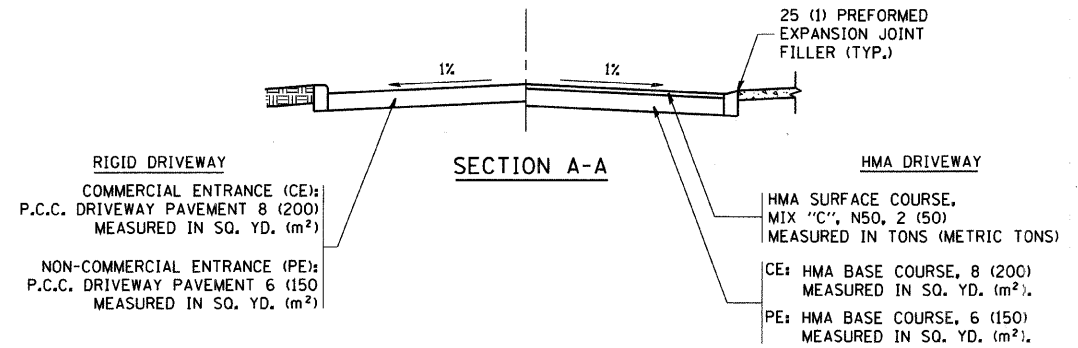
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

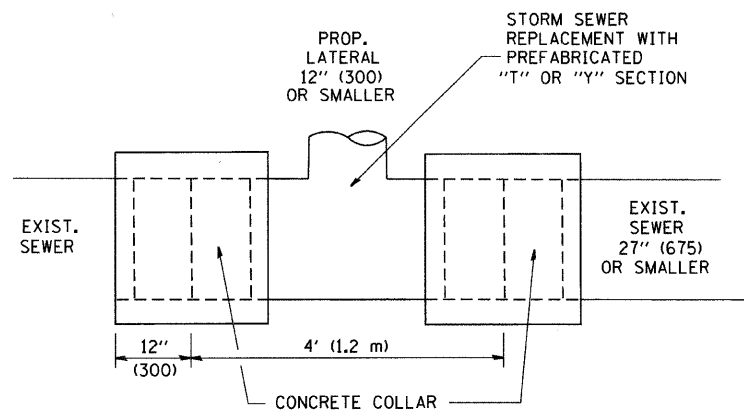


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	PLOT DATE = 1/4/2008	CHECKED -	REVISED - P. LOFLUER 04-15-03
		DATE - 11-04-95	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

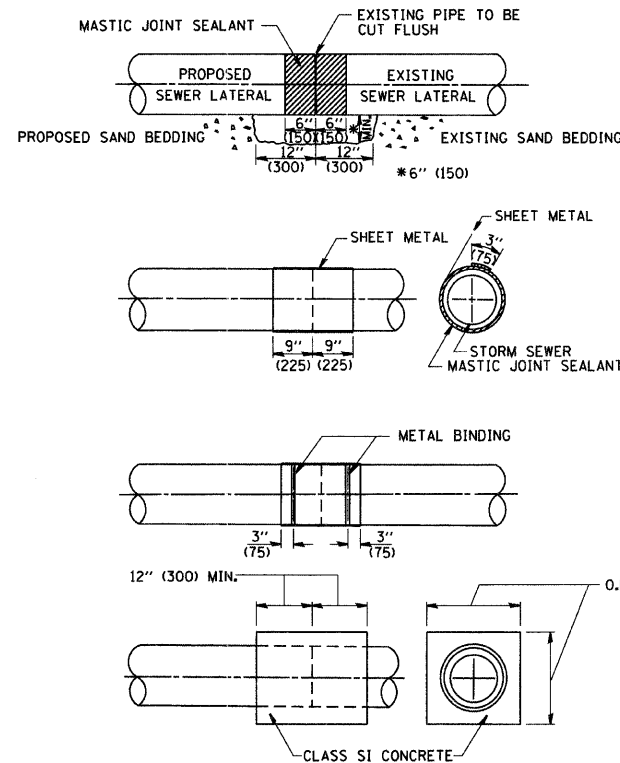
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
 AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)  
 SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	34
BD0156-07 (BD-01)			CONTRACT NO. 63100	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

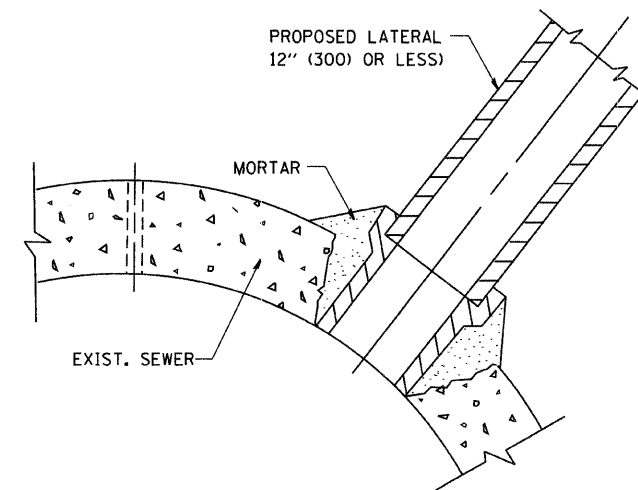


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

1. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
2. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

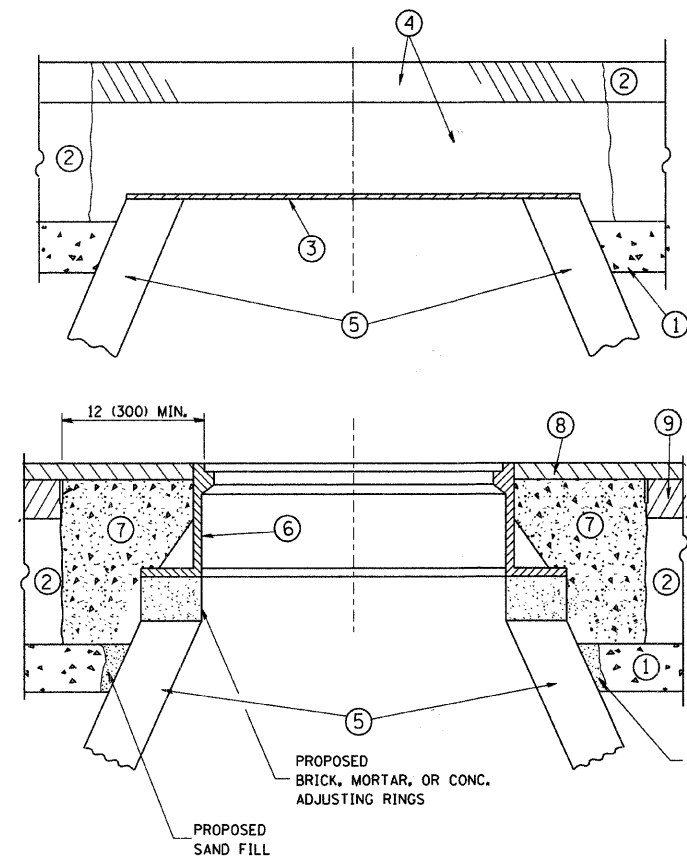
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = geglionobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>			F.A. RTE. 2642	SECTION 06-00095-00-RS	COUNTY	TOTAL SHEETS 46	SHEET NO. 35
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD500-01 (BD-7)	DUPAGE	CONTRACT NO. 63100	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - R. SHAH 10-25-94						FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96									



**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 S1 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 S1 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:**

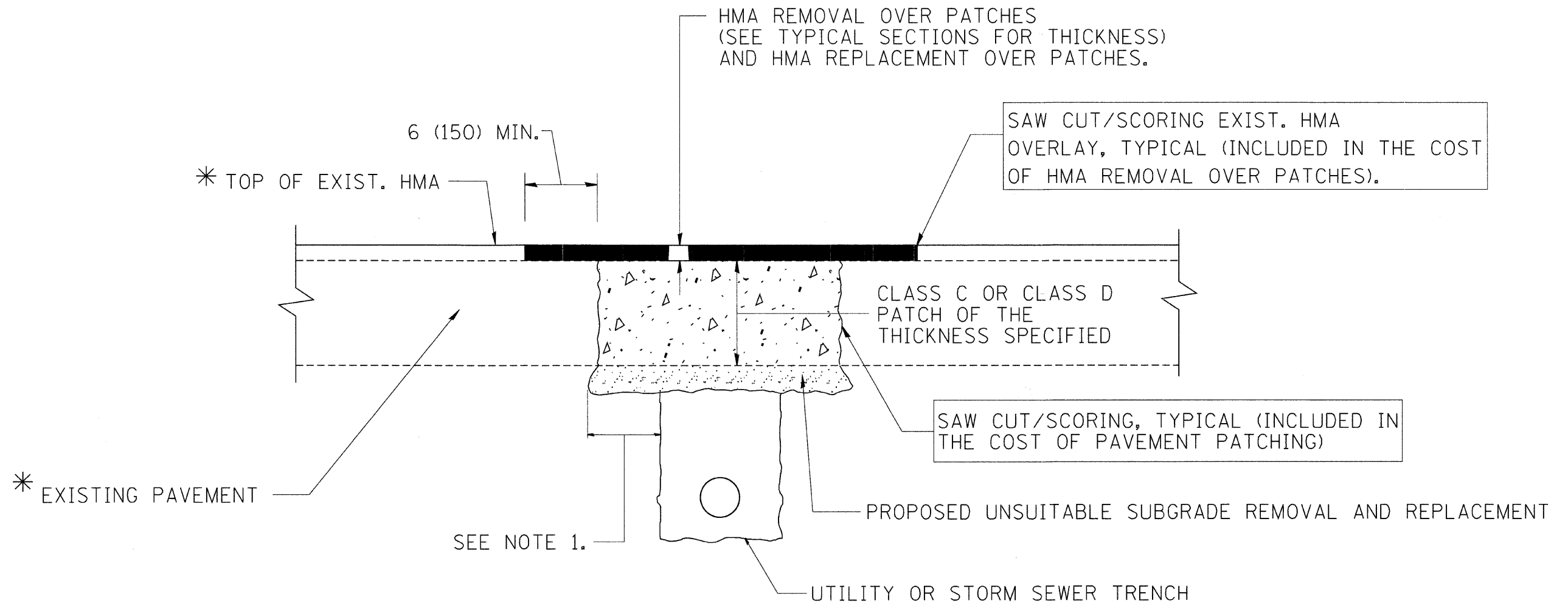
THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**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:\diststd\22x34\bd08.dgn	USER NAME = geglienobt	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. RTE. 2642	SECTION 06-00095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 36
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD600-03 (BD-8)	CONTRACT NO.	63100	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - R. WIEDEMAN 05-14-04						FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		
		DATE - 10-25-94	REVISED - R. BORO 01-01-07									



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

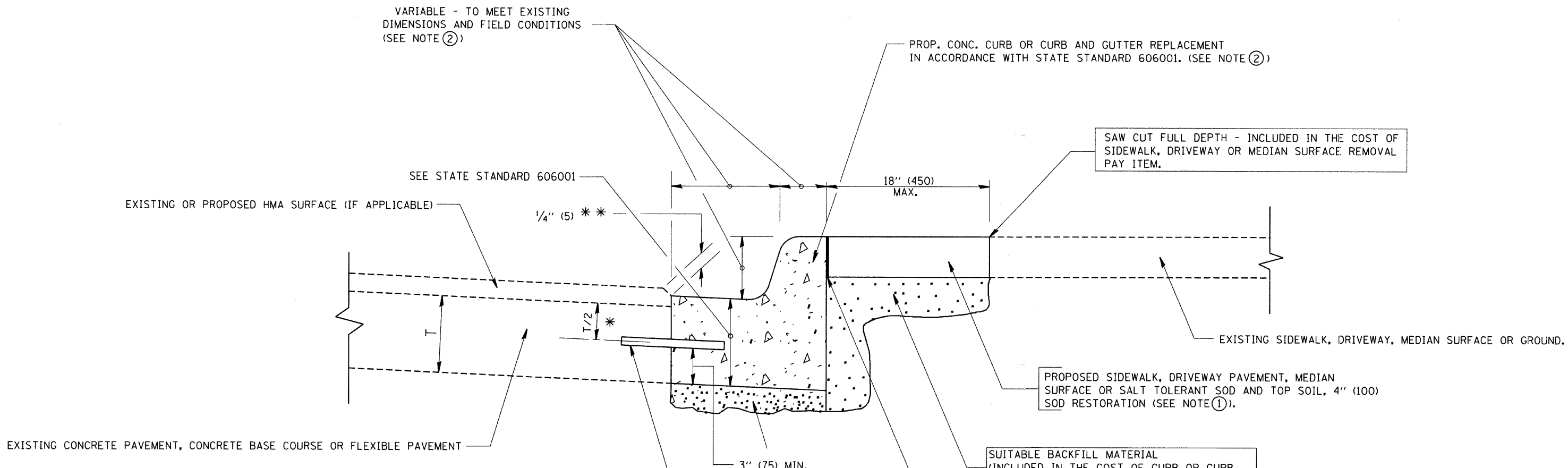
1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**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:\diststd\22x34\bd22.dgn	USER NAME = gogliobt	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. RTE. 2642	SECTION 06-00095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 37
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - A. ABBAS 04-27-98		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>BD400-04 (BD-22)</b>		CONTRACT NO. 63100	
	PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 01-01-07		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							
			REVISED - R. BORO 09-04-07									



\* 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.

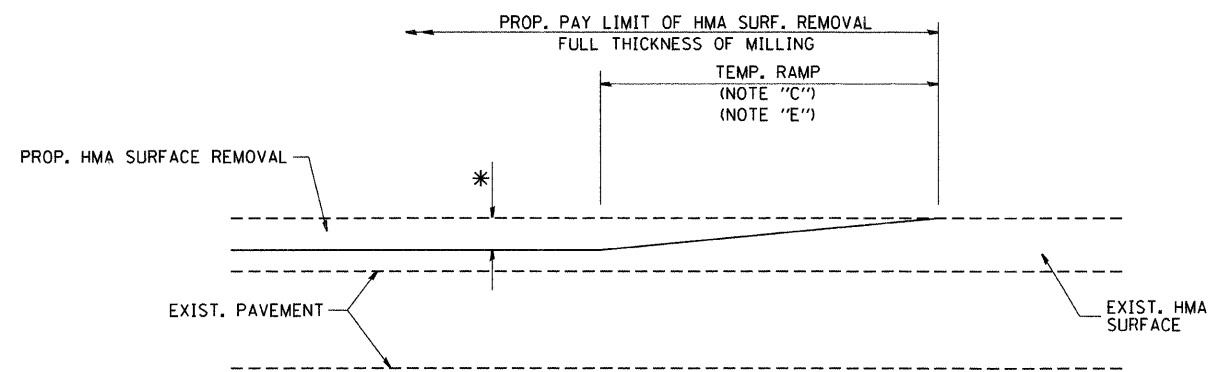
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

**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

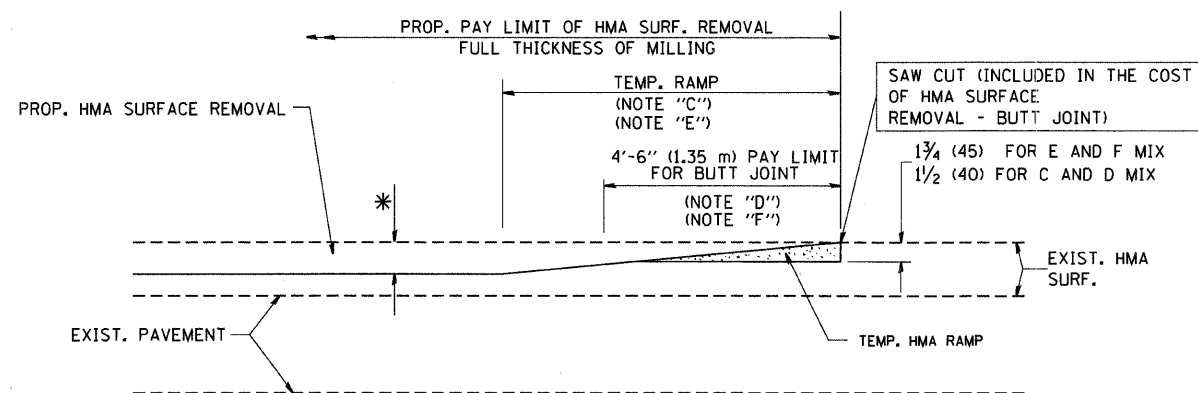
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd24.dgn	USER NAME = geglionbt	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A. RTE. = 2642	SECTION = 06-00095-06-RS	COUNTY = DUPAGE	TOTAL SHEETS = 46	SHEET NO. = 38
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD600-06 (BD-24)</b>				
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - M. GOMEZ 01-22-01		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE = 03-11-94	REVISED - R. BORO 01-01-07		CONTRACT NO. 63100							



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

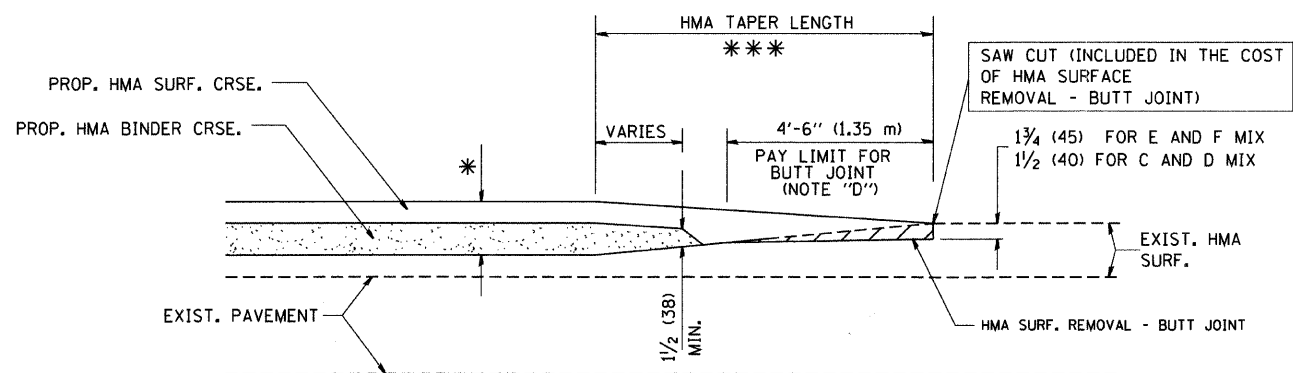
**OPTION 1**



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

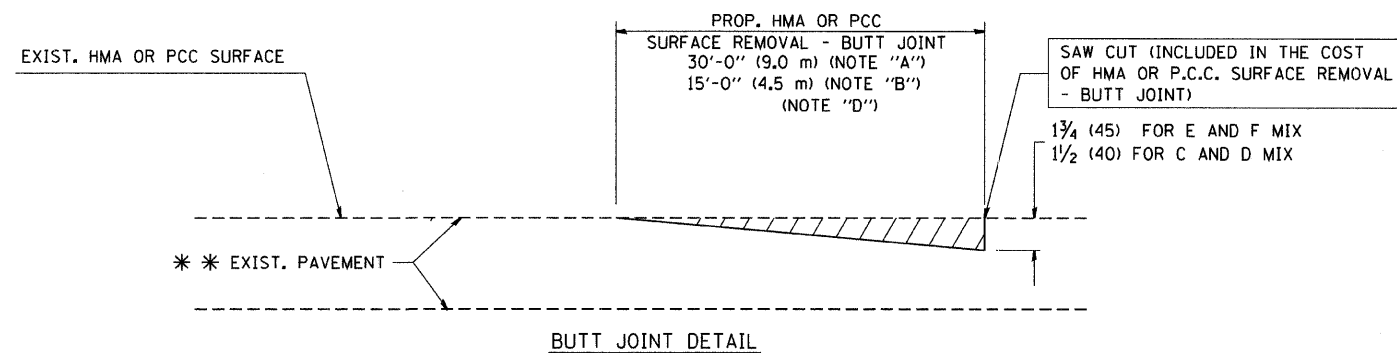
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

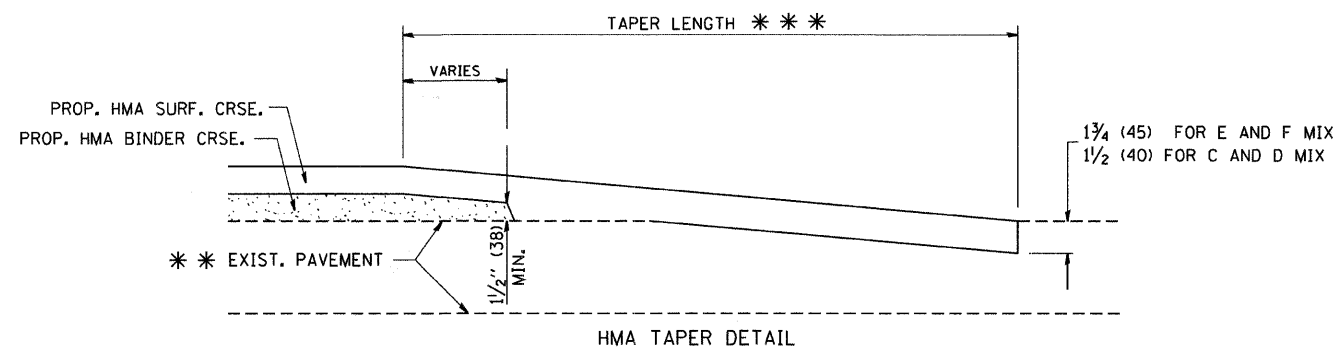


BUTT JOINT AND  
HMA TAPER

**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.

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = goglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

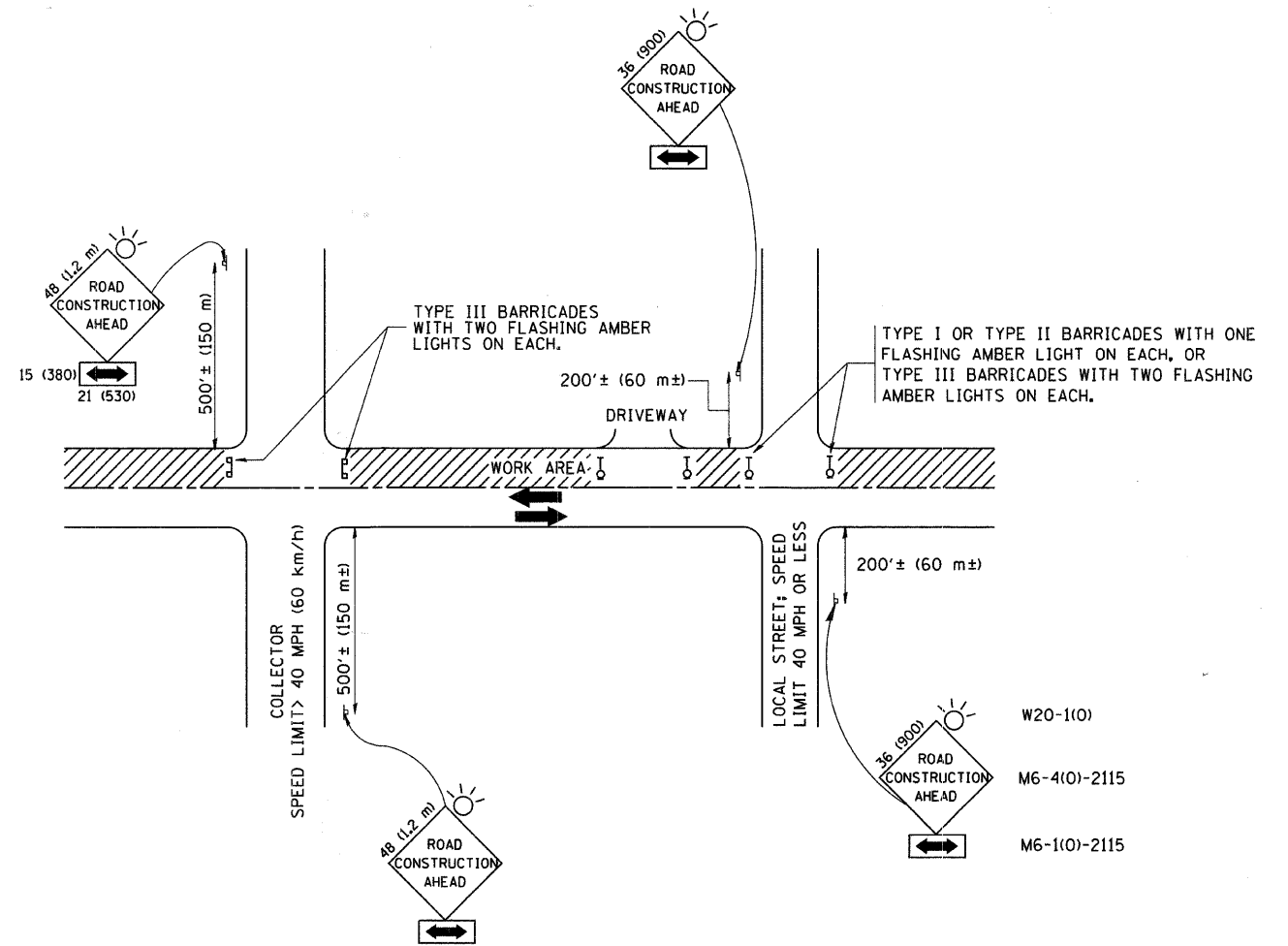
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

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

F.A. RTE. 2642	SECTION 06-00095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 39
BD400-05 BD32		CONTRACT NO. 63100		
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.

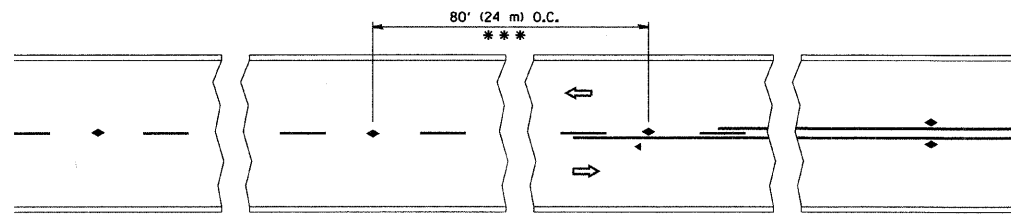
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

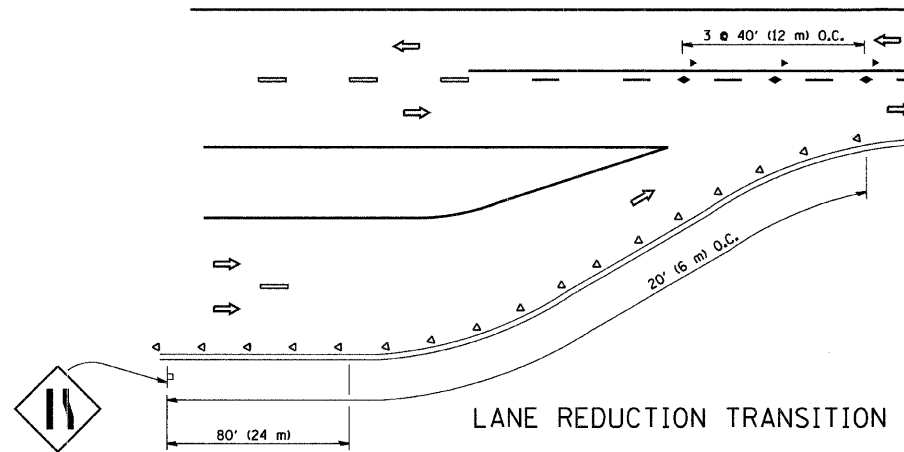
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	40
TC-10			CONTRACT NO. 63100	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

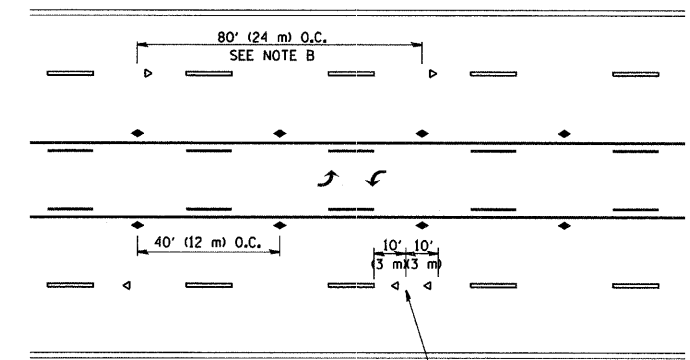


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

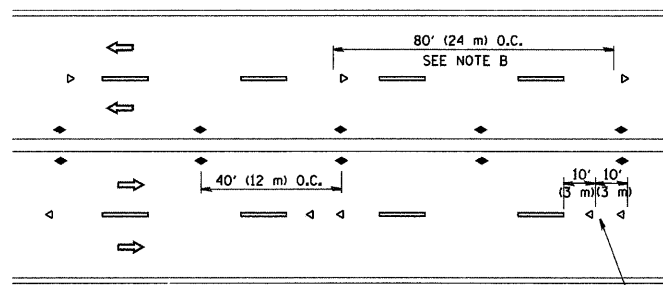
TWO-LANE/TWO-WAY



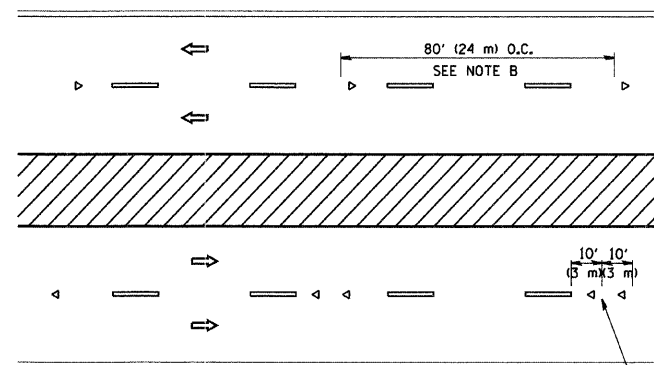
LANE REDUCTION TRANSITION



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

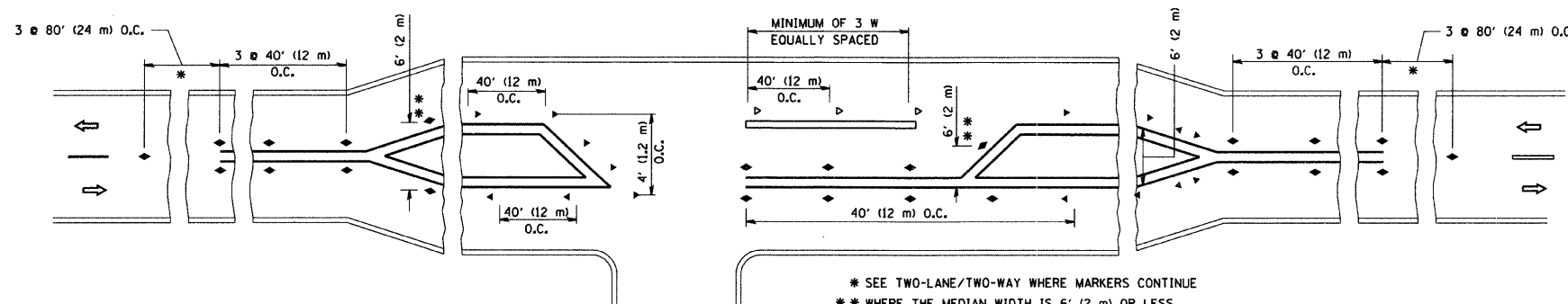
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



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

LEFT TURN

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

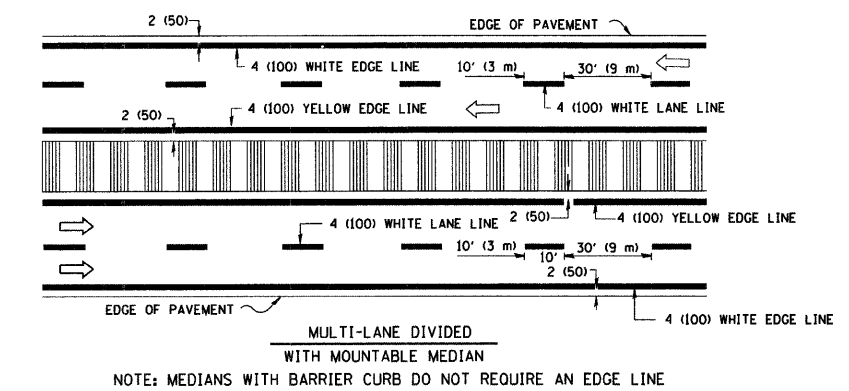
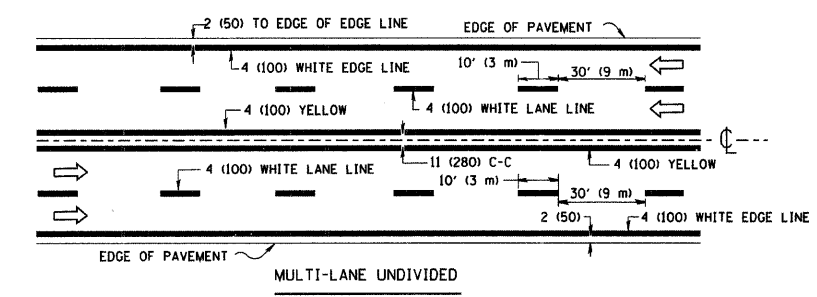
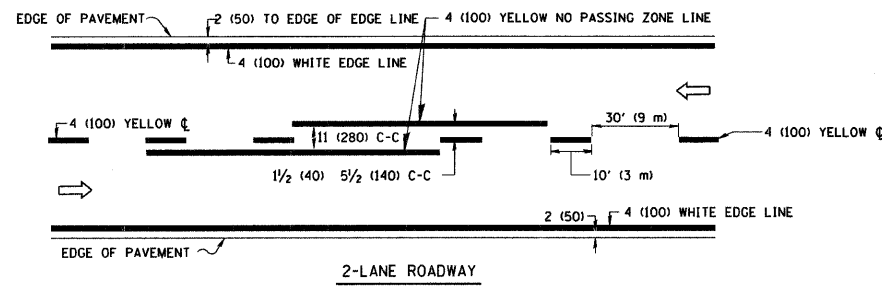
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		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

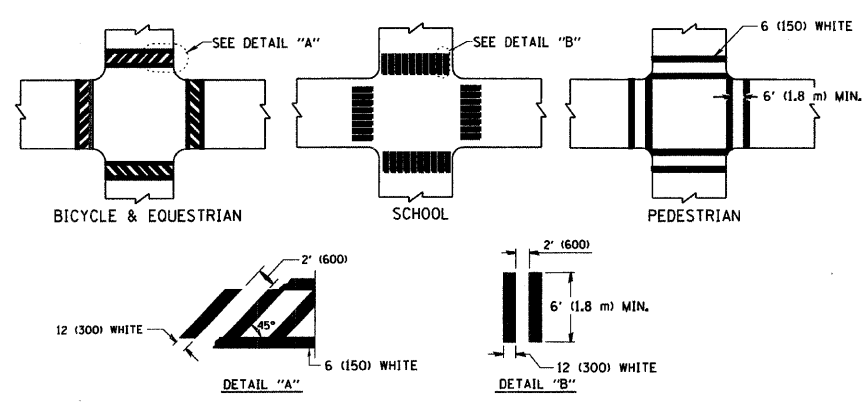
TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

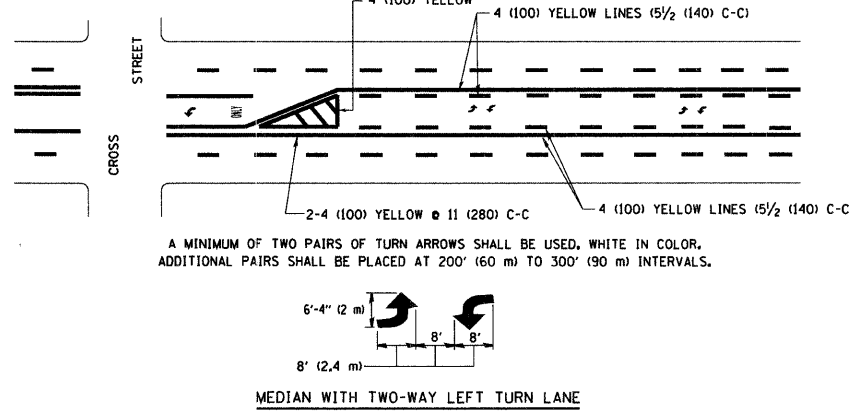
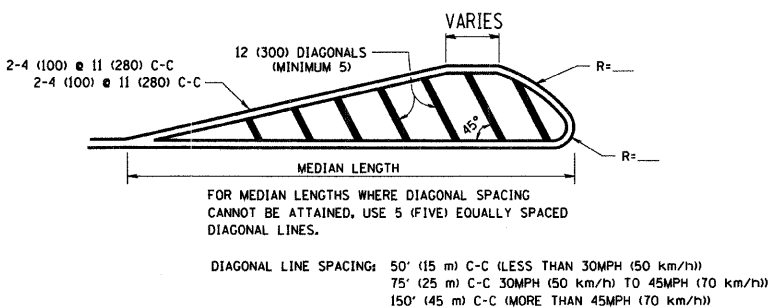
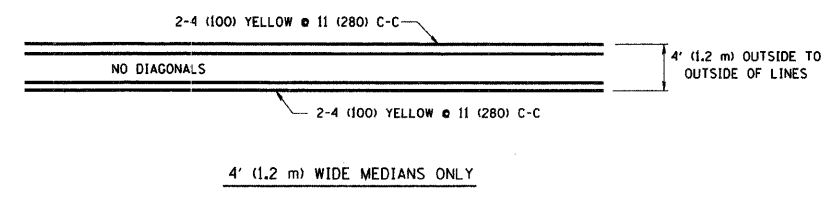
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	41
TC-11		CONTRACT NO. 63100		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



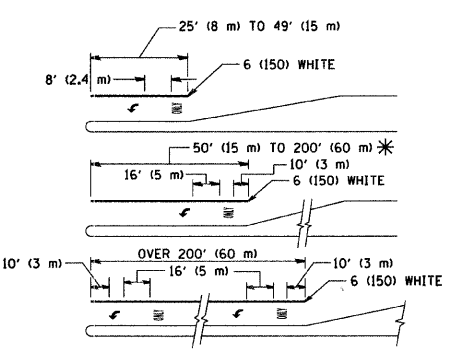
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



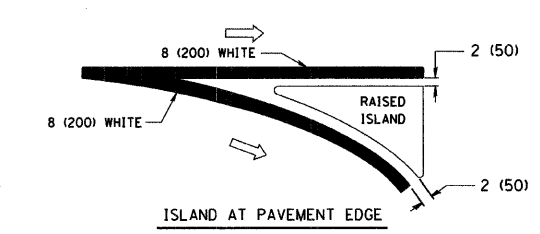
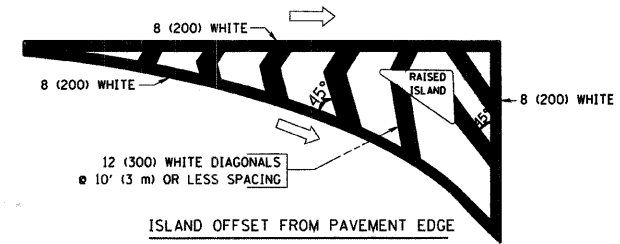
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* 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) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
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) AREA OF: "R"=3.6 SO. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SO. FT. (5.0 m <sup>2</sup> )	SOLID	WHITE	SEE STATE STANDARD 780001
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

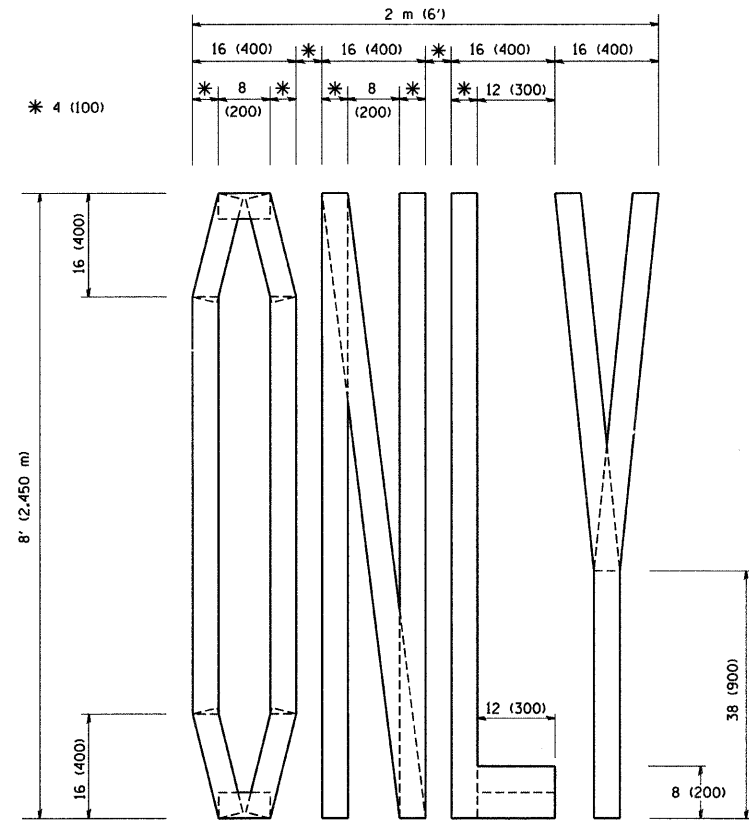
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

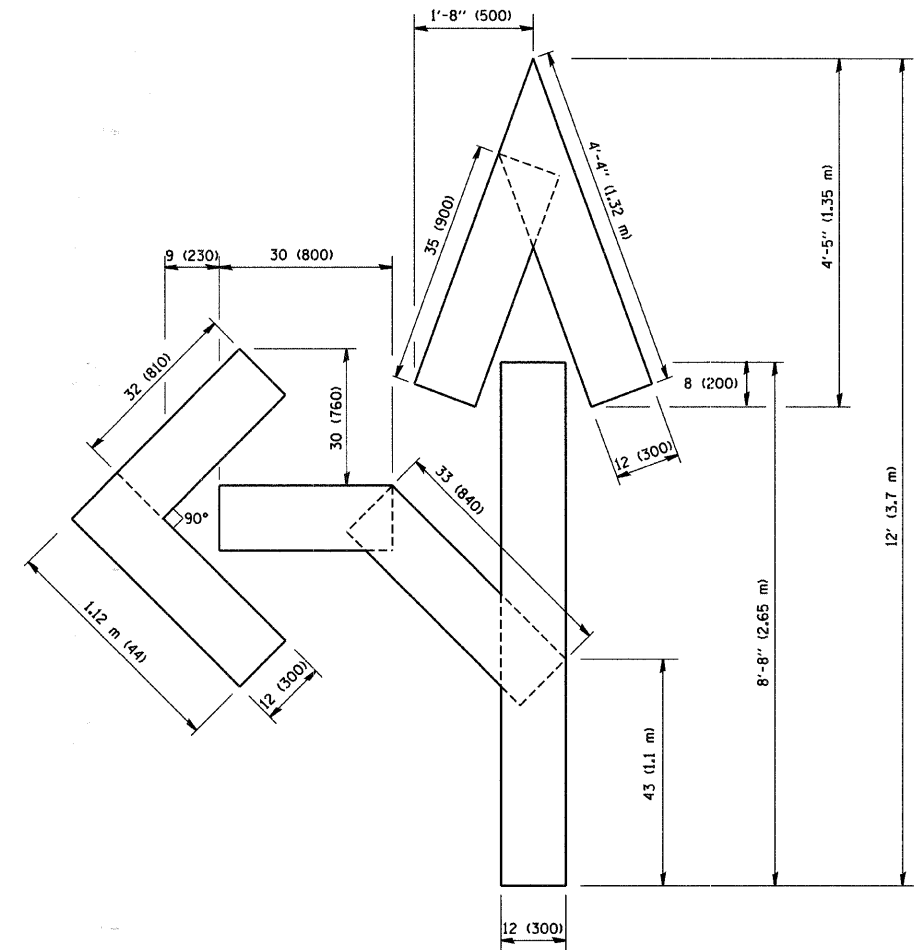
FILE NAME = W:\dststd\22x34\1c13.dgn	USER NAME = geglentobt	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
		DRAWN -	REVISED - A. HOUSEH 10-09-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

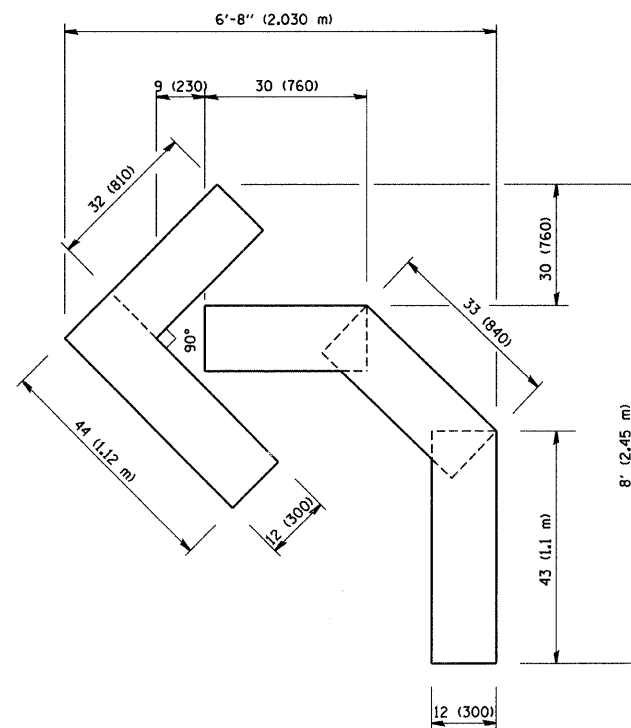
DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		2642	06-0095-00-RS	DUPAGE	46	42
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 63100	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT						



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.

FILE NAME = W:\diststd\22x34\tc16.dgn	USER NAME = geglienobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

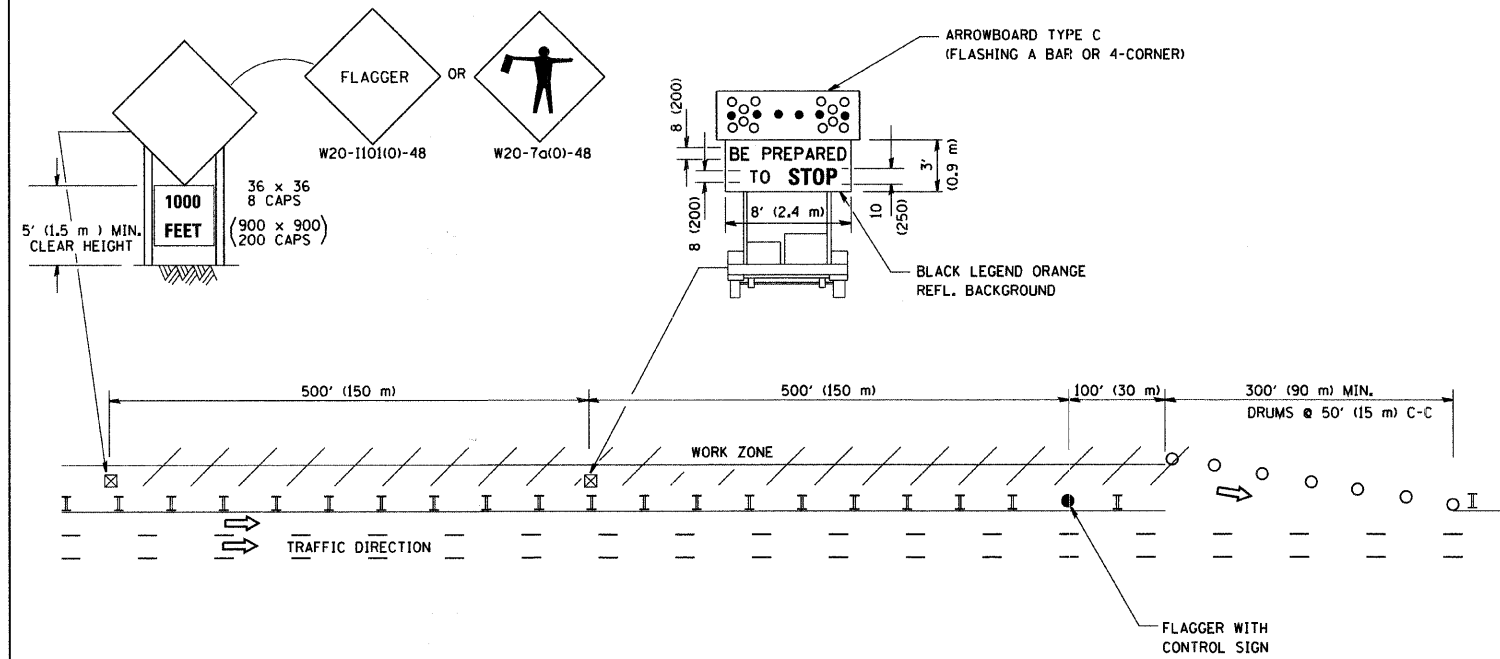
PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

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

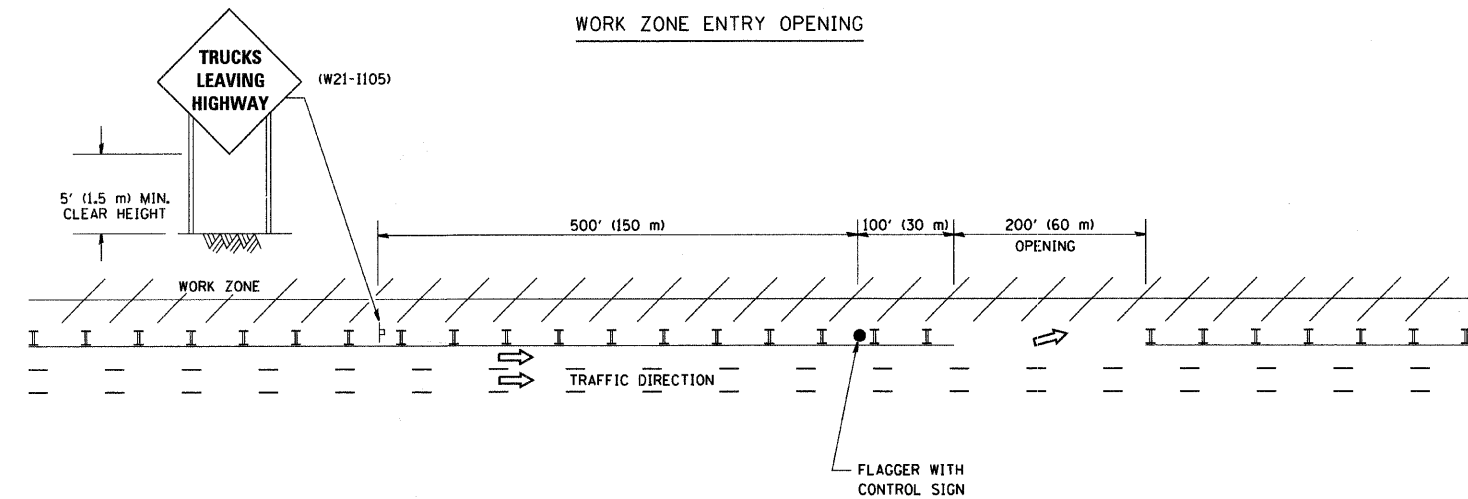
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2642	06-00095-00-RS	DUPAGE	46	43
TC-16			CONTRACT NO. 63100	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

# SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

## WORK ZONE EXIT OPENING



## WORK ZONE ENTRY OPENING



### NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

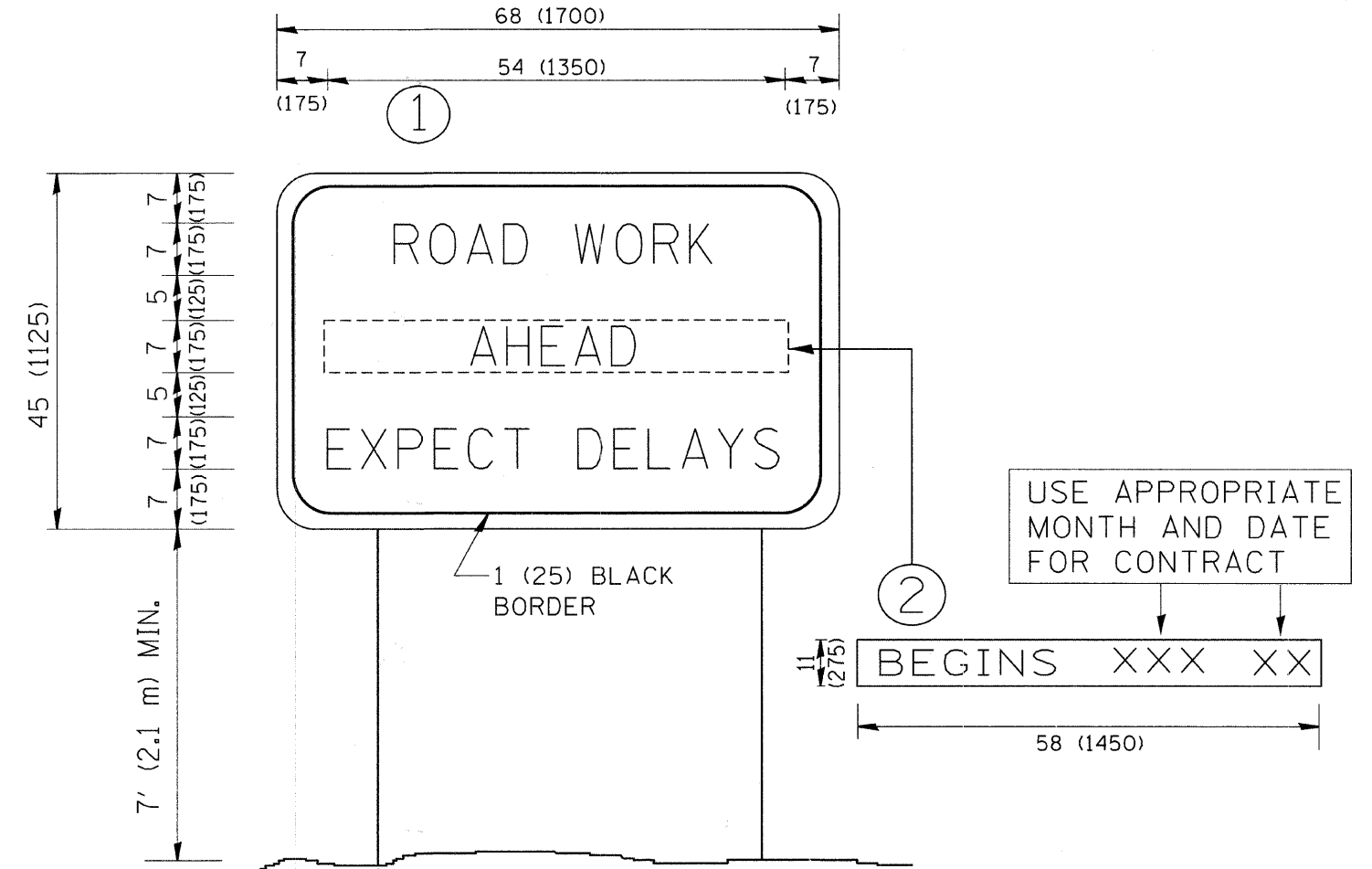
FILE NAME = W:\diststd\22x34\1018.dgn	USER NAME = gaglionobt	DESIGNED -	REVISED - D.W.S. 08-98
		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS

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

F.A. RTE. 2642	SECTION 06-0095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 44
TC-18			CONTRACT NO. 63100	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

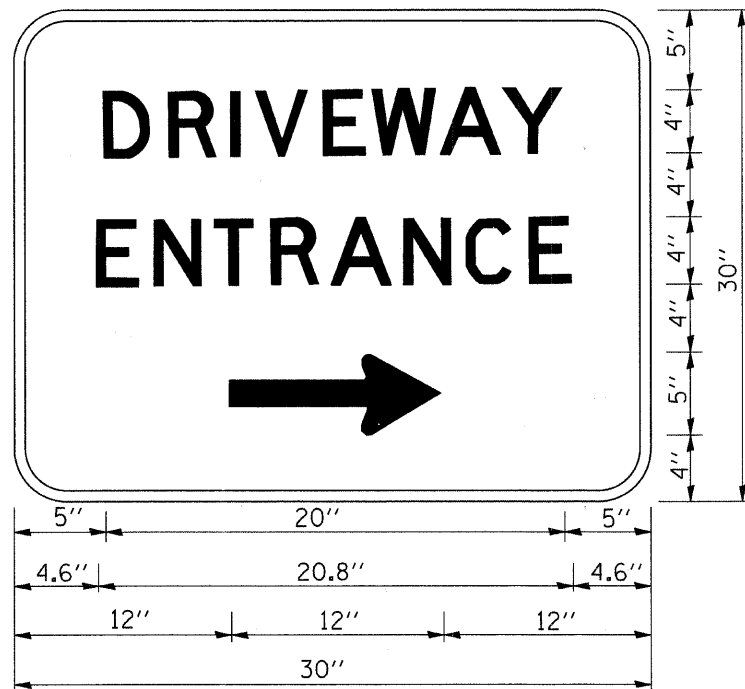


**NOTES:**

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

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geglionobt	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A. RTE. 2642	SECTION 06-00095-00-RS	COUNTY DUPAGE	TOTAL SHEETS 46	SHEET NO. 45
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TC-22	CONTRACT NO. 63100		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
		DATE -	REVISED - C. JUCIUS 01-31-07								



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\tc26.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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000 ' / IN.	DRAWN -	REVISED -					2642	06-00095-00-RS	DUPAGE	46	46
PLOT DATE = 1/4/2008	CHECKED -	REVISED -	REVISED -	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			<b>TC-26</b>		CONTRACT NO. 63100			
	DATE -	REVISED -	REVISED -	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT								