

INDEX OF SHEETS 04-27-12 LETTING ITEM 023

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SIBLEY BOULEVARD (FAU 3787)
TORRENCE AVENUE (FAP 358) TO STATE-LINE ROAD (FAU 2947)

RESURFACING
SECTION NO.: 11-00151-00-RS
PROJECT NO.: M-9003(907)
CITY OF CALUMET CITY
JOB NO. C-91-169-12

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	1
STA. 13+15		TO STA. 101+79.6		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT M-9003 (907)	

CONTRACT #63693

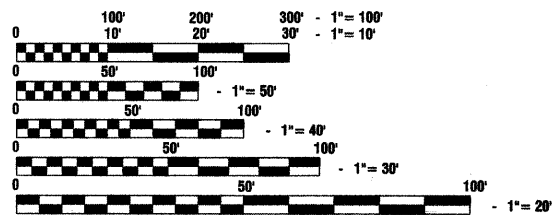
- COVER SHEET, INDEX OF SHEETS & STATE STANDARDS
- SUMMARY OF QUANTITIES & GENERAL NOTES
- 5. TYPICAL CROSS SECTIONS
- 14. PAVEMENT IMPROVEMENT PLANS
- 19. PAVEMENT MARKING PLANS
- 21. CONSTRUCTION DETAILS
- 27. IDOT DISTRICT 1 STANDARD DETAILS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
420001-07	PAVEMENT JOINTS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-00	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-00	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-00	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-00	DEPRESSED CORNER FOR SIDEWALKS
424026-00	ENTRANCE / ALLY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602011-02	CATCH BASIN, TYPE C
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE AND COMBINATION CURB AND GUTTER
701301-04	LANE CLOSURE, 2L,2W SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L,2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-08	URBAN LANE CLOSURE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

SIBLEY STREET	
2011 ADT -	11,500
2030 ADT -	11,500
POSTED SPEED LIMIT -	30 mph (BURNHAM TO STATELINE); 35 mph (BURNHAM TO TORRENCE);
DESIGN PERIOD -	20 YEARS
DESIGN SPEED LIMIT -	35 mph
STREET CLASSIFICATION -	MINOR ARTERIAL

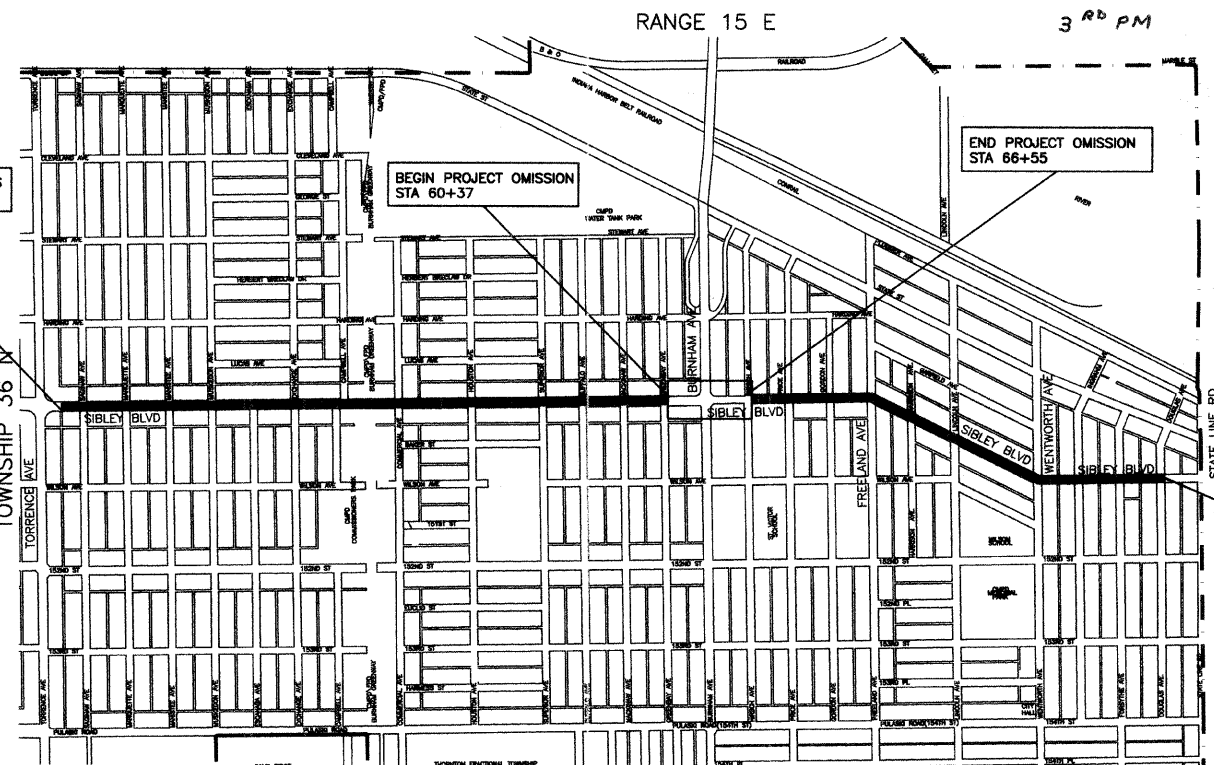
SCALES
PLAN - 1"=50'
PROFILE HORIZ. - 1"=50'
PROFILE VERT. - 1"=5'
CROSS SECTIONS - 1"=10'



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

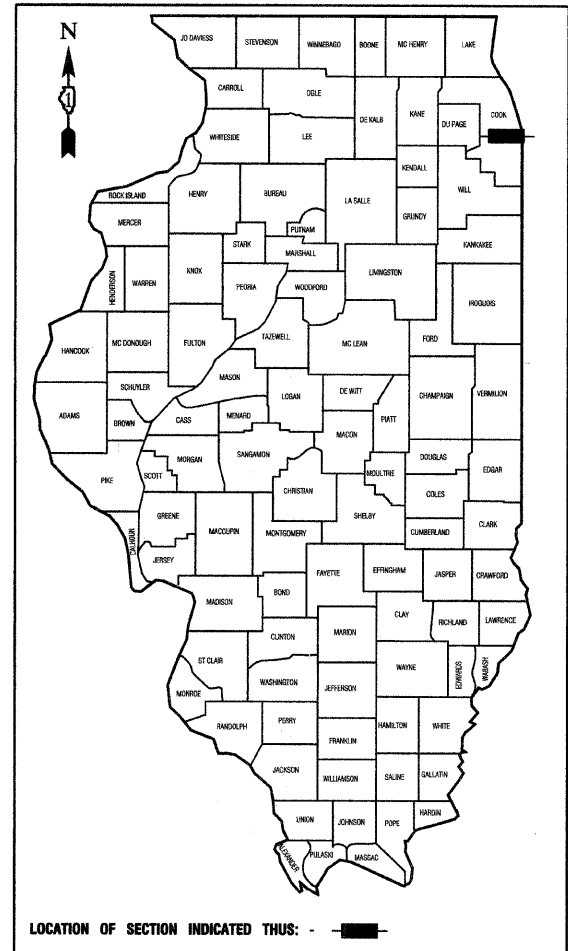
J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or 811

CONTRACT NO. 63693



LOCATION MAP

GROSS LENGTH=8,864.6 FEET=1.67 MILES
NET LENGTH=8,246.2 FEET=1.6 MILES



LOCATION OF SECTION INDICATED THUS: -

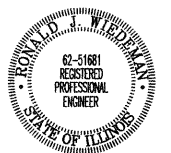
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
Approved	<i>January 20, 2012</i> <i>Rachelle M. Murray</i> Mayor, City of Calumet City
Passed	<i>FEBRUARY 14, 2012</i> <i>CHILL</i> District 1 Engineer of Local Roads & Streets
Released for Bid Based on Limited Review	<i>FEBRUARY 14, 2012</i> <i>Diana M. O'Keefe</i> Deputy Director of Highways, Region 1 Engineer

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THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE
DIRECT SUPERVISION OF:

[Signature]

02/03/12



LICENSE EXPIRES: 11/30/13

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, PE 847-705-4406 SCHAUMBURG, IL
CONSULTANTS: ROBISON ENGINEERING, LTD. 708-331-6700

SUMMARY OF QUANTITIES				
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN 005
	20200100	EARTH EXCAVATION	CU YD	20
	20800150	TRENCH BACKFILL	CU YD	106
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2222
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	580
	40600200	BITUMINOUS MATERIAL (PRIME COAT)	TON	32
	40600300	AGGREGATE (PRIME COAT)	TON	156
	40600827	POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50	TON	2184
	40600895	CONSTRUCTING TEST STRIP	EACH	2
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1516
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	65
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3276
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"	SQ YD	340
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	20000
	42400800	DETECTABLE WARNINGS	SQ FT	1400
	44000100	PAVEMENT REMOVAL	SQ YD	42
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	5200
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	18200
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	869
	44000300	CURB REMOVAL	FOOT	114
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1125
	44000600	SIDEWALK REMOVAL	SQ FT	20500
	44201373	CLASS C PATCHES, TYPE I, 12 INCH	SQ YD	80
	44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	116
	44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	80
	44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	162
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	5
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	35
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	23
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	155
	550A0050	STORM SEWERS, CLASS A TYPE 1, 12"	FOOT	152
	60206905	CATCH BASIN, TYPE C WITH TYPE 1 FRAME, OPEN LID	EACH	8
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE I FRAME, OPEN LID	EACH	16
	60500050	REMOVING CATCH BASINS	EACH	15
	60500705	CATCH BASINS TO BE FILLED TO MAINTAIN FLOW	EACH	21
	60600605	CONCRETE CURB, TYPE B	FOOT	114
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	724
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	3505
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	37
	70300220	TEMPORARY PAVEMENT MARKING -LINE 4"	FOOT	16812
	70300240	TEMPORARY PAVEMENT MARKING -LINE 6"	FOOT	3917
	70300280	TEMPORARY PAVEMENT MARKING -LINE 24"	FOOT	502
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16812
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3917

* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES				
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN 005
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	152
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	503
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	358
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	265
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	155
	X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	5820
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	14900
	X6030310	FRAMES AND LIDS TO BE ADJUSTED, (SPECIAL)	EACH	30
	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	5820
	XX006344	SEEDING (COMPLETE)	SQ YD	3000
	XX007278	PARKWAY RESTORATION	SQ YD	109
	XX007489	HOT-MIX ASPHALT ALLEY REMOVAL AND REPLACEMENT	SQ YD	155
	XX007491	DRAINAGE STRUCTURE TO BE ADJUSTED, WITH TYPE I FRAME, OPEN LID	EACH	2
	XX007492	DRAINAGE STRUCTURE TO BE ADJUSTED, WITH TYPE I FRAME, CLOSED LID	EACH	2
	XX007761	BUFFALO BOX ADJUSTMENT, SPECIAL	EACH	1
	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	41
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	120
△	Z0076600	TRAINEES	HOURL	500

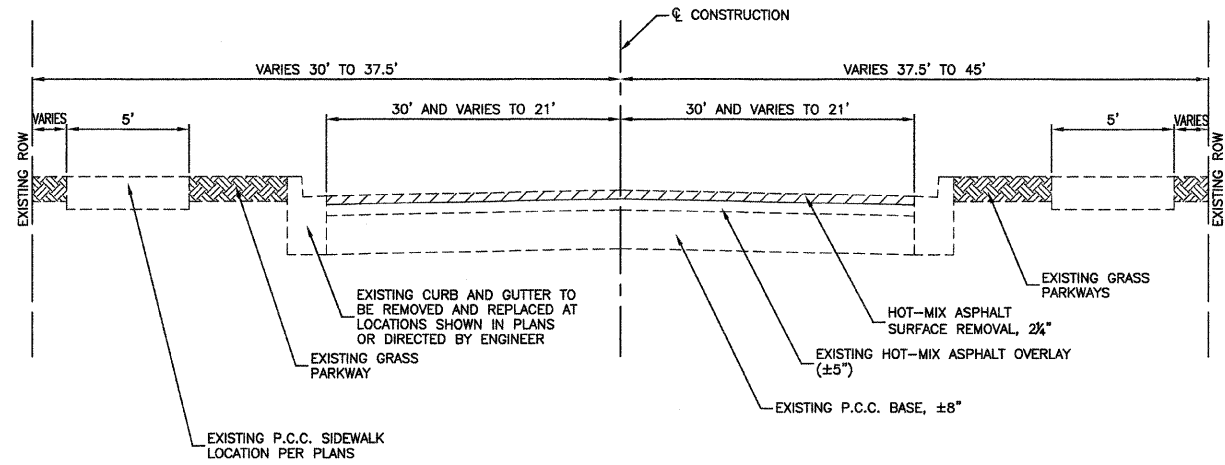
△ 0042

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTORS USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- 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 THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
- THE REMOVAL AND/OR REPLACEMENT OF ANY DRIVEWAYS, PAVEMENT, CURB, SIDEWALK, ETC. SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS ITEMS.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR AT THEIR EXPENSE.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
- THE ^{ENGINEER} RESERVES THE RIGHT TO REDUCE THE PLAN QUANTITIES AS NECESSARY. BASED ON CURRENT FIELD CONDITIONS AND/OR AVAILABLE FUNDING.
- PATCHING LOCATIONS WILL BE DETERMINED AFTER MILLING OPERATIONS ARE COMPLETED.
- FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDER, CURB AND GUTTER MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.

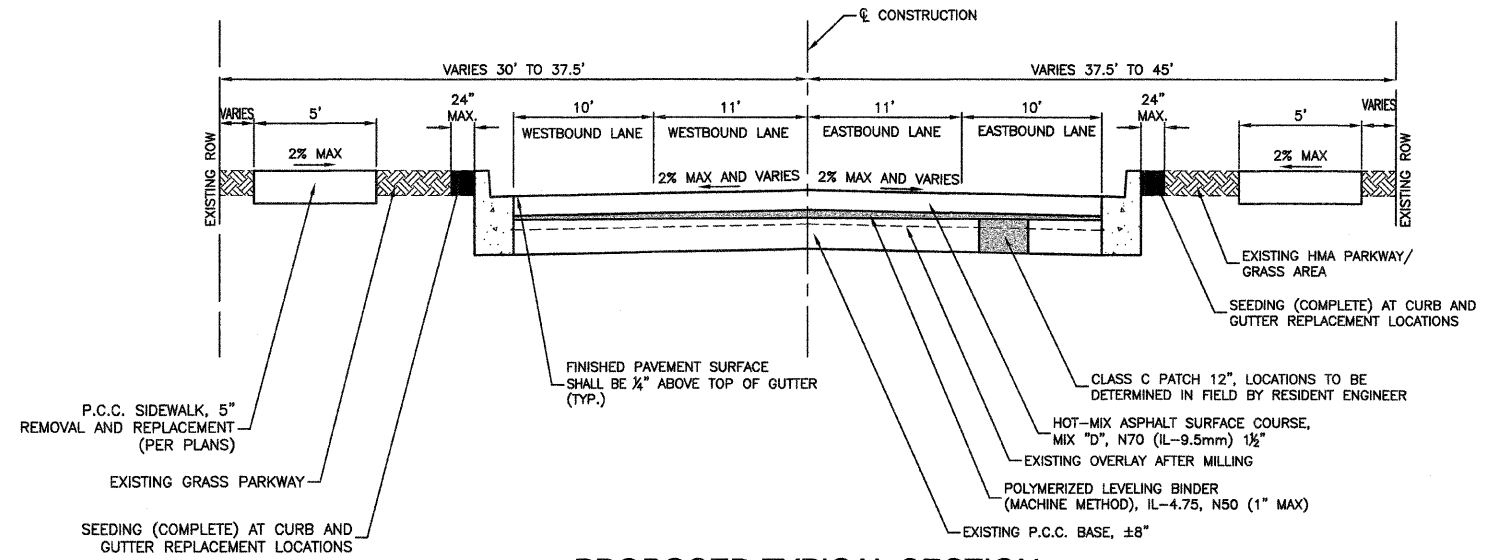
FILE NAME = 11556-QUAN-01 -IDOT P01	USER NAME =	DESIGNED -- RJW	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD SUMMARY OF QUANTITIES		F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- ER	REVISED --		3787	11-00151-00-RS	COOK	27	2		
	PLOT DATE = 12-07-11	DRAWN -- MED	REVISED --		CONTRACT NO. 63693			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT M-9003 (907)	
		CHECKED -- AG	REVISED --		SCALE:	SHEET NO. 2 OF 27 SHEETS	STA.	TO STA.			

SECTION 7, TOWNSHIP 36, RANGE 15



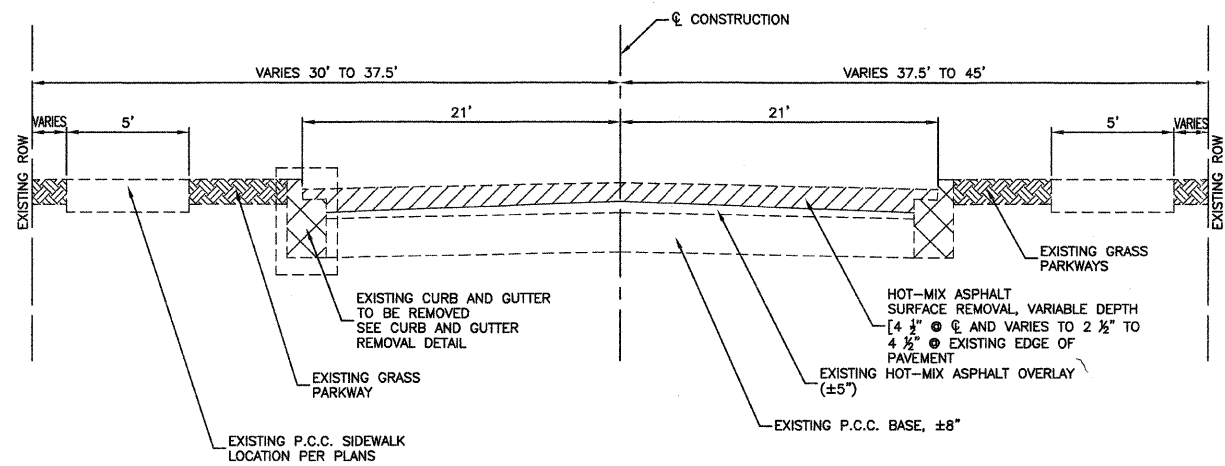
EXISTING TYPICAL SECTION

SIBLEY BOULEVARD
SAGINAW AVE. TO MARQUETTE AVE.



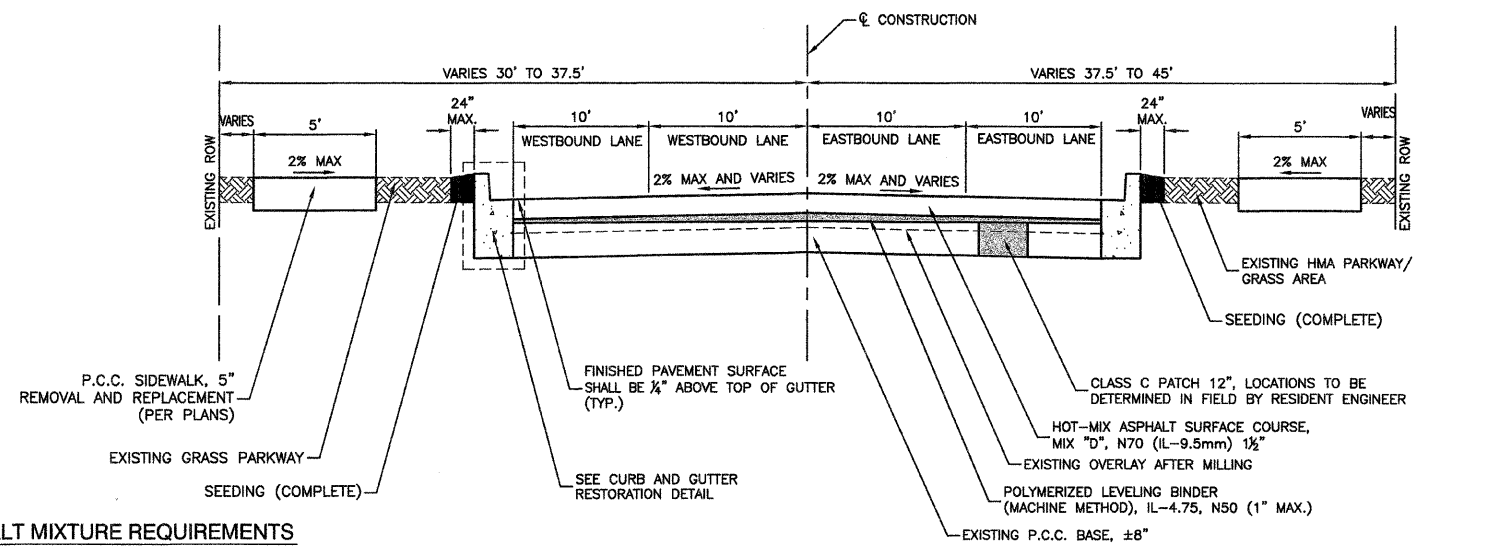
PROPOSED TYPICAL SECTION

SIBLEY BOULEVARD
SAGINAW AVE. TO MARQUETTE AVE.



EXISTING TYPICAL SECTION

SIBLEY BOULEVARD
MARQUETTE AVE. TO SUPERIOR AVE.



PROPOSED TYPICAL SECTION

SIBLEY BOULEVARD
MARQUETTE AVE. TO SUPERIOR AVE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
MILL FIRST BEFORE PATCHING	
RESURFACING	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70(IL-9.5mm); 1 1/2"	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, (1" MAX)	3.5% @ 50 Gyr.
PATCHING	
CLASS D PATCHES, TYPE I, II, III, IV (HMA BINDER IL-19.0mm), 12"(IN 5 LIFTS)	4% @ 70 Gyr.
DRIVEWAY	
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0mm); 6" (IN 3 LIFTS)	4% @ 50 Gyr.
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT ALLEY REMOVAL AND REPLACEMENT	
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0mm); 8" (IN 4 LIFTS)	4% @ 50 Gyr.
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 2"	4% @ 50 Gyr.
PARKWAY RESTORATION	
LEVELING BINDER, (HAND METHOD), N50(IL-9.5mm); 2 1/4"	4% @ 50 Gyr.
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 1 1/2"	4% @ 50 Gyr.

NOTE:

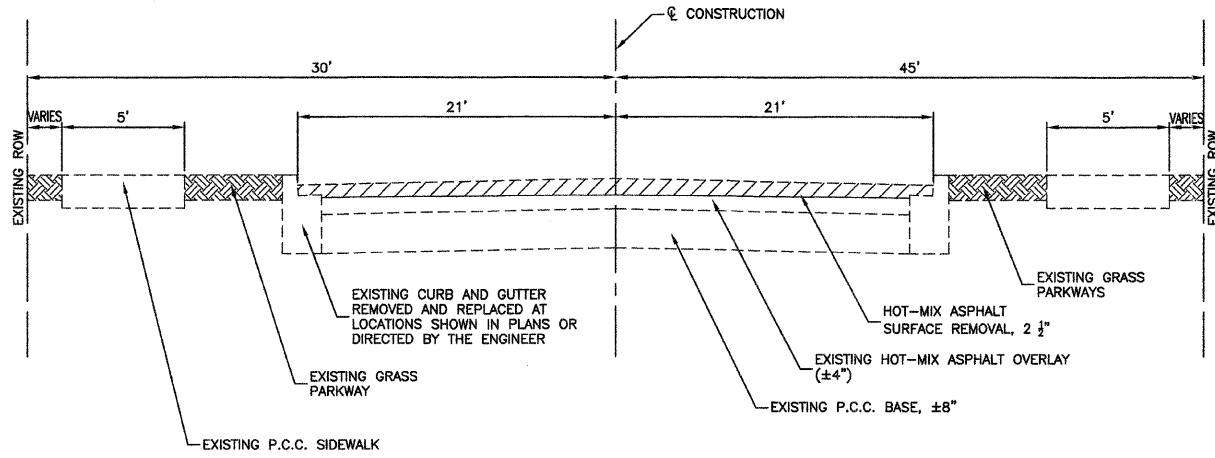
ANY CONCRETE GUTTER FLAG OR CONCRETE PAVEMENT THAT IS REQUIRED TO BE MILLED TO ACHIEVE PROPOSED GRADES WILL NOT BE PAID SEPARATELY, BUT INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL, OF THE THICKNESS SPECIFIED

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

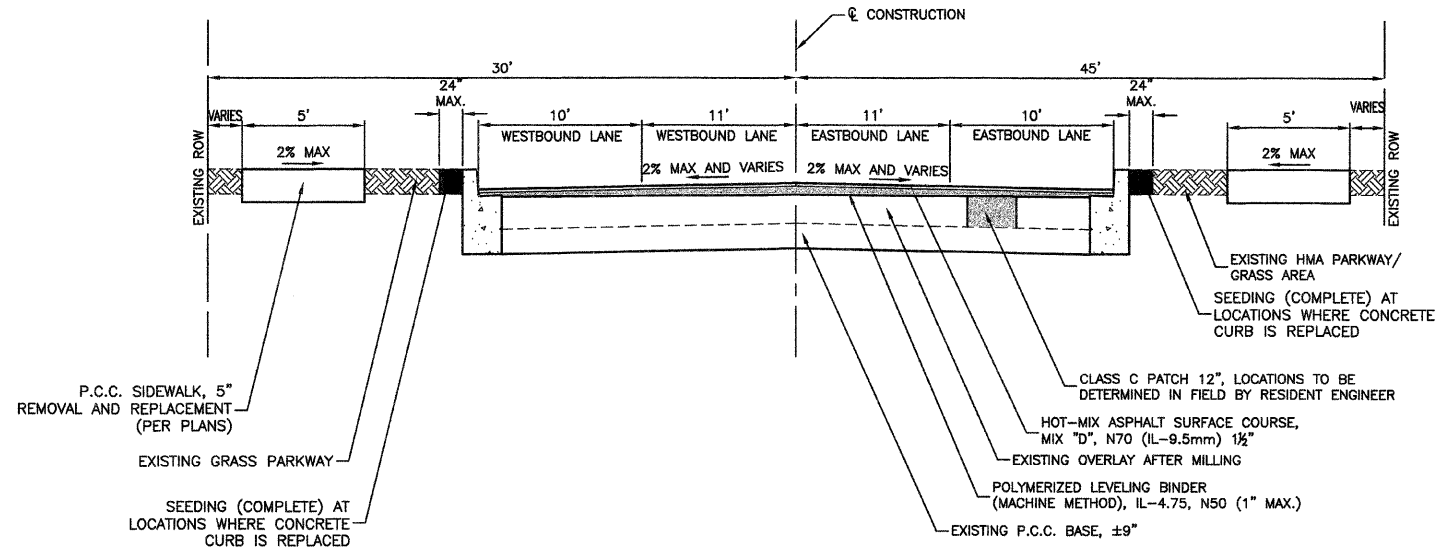
FILE NAME = 11558-TYPX-01 - IDOT TYPX P01	USER NAME =	DESIGNED -- RJW	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD TYPICAL CROSS SECTIONS				F.A.U. R.T.E. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 3
	PLOT SCALE =	CHECKED -- ER	REVISED --		SCALE: N.T.S.	SHEET NO. 3	OF 27 SHEETS	STA. TO STA.	CONTRACT NO. 63693				
	PLOT DATE = 12-07-11	DRAWN -- JMD	REVISED --		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)								
		CHECKED -- AG	REVISED --										

SECTION 7, TOWNSHIP 36, RANGE 15
SECTION 8, TOWNSHIP 36, RANGE 15



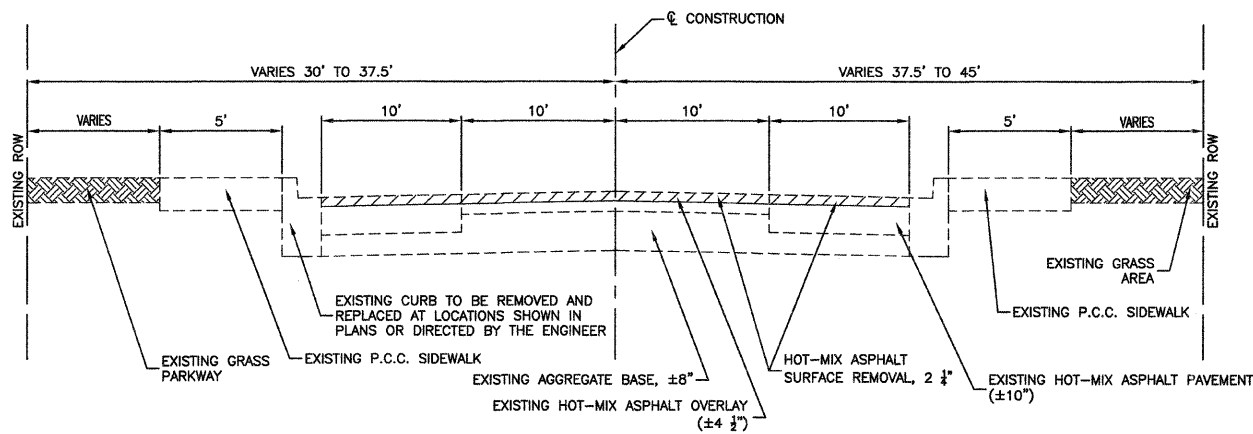
EXISTING TYPICAL SECTION

SIBLEY BOULEVARD
SUPERIOR AVE. TO GREENBAY AVE.



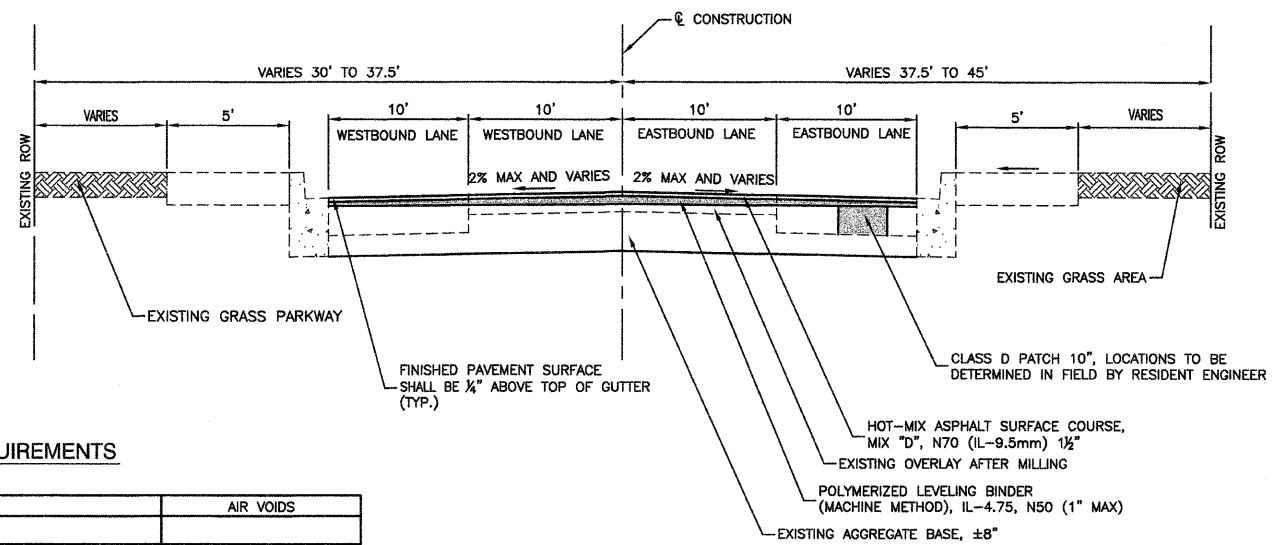
PROPOSED TYPICAL SECTION

SIBLEY BOULEVARD
SUPERIOR AVE. TO GREENBAY AVE.



EXISTING TYPICAL SECTION

SIBLEY BOULEVARD
HIRSCH AVE. TO FREELAND AVE.



PROPOSED TYPICAL SECTION

SIBLEY BOULEVARD
HIRSCH AVE. TO FREELAND AVE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MILL FIRST BEFORE PATCHING

MIXTURE TYPE	AIR VOIDS
RESURFACING	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70(IL-9.5mm); 1 1/2"	4% @ 70 Gyr.
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PATCHING	
CLASS D PATCHES, TYPE I, II, III, IV (HMA BINDER IL-19.0mm), 12"(IN 5 LIFTS)	4% @ 70 Gyr.
DRIVEWAY	
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HOT MIX ASPHALT ALLEY REMOVAL AND REPLACEMENT	
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NOTE:

REMOVAL OF EXISTING HMA OVERLAY OVER GUTTER FLAG WILL BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL, OF THE THICKNESS SPECIFIED
ANY CONCRETE GUTTER FLAG OR CONCRETE PAVEMENT THAT IS REQUIRED TO BE MILLED TO ACHIEVE PROPOSED GRADES WILL NOT BE PAID SEPARATELY, BUT INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL, OF THE THICKNESS SPECIFIED

FILE NAME = 11556-TYPX-01 - IDOT TYPX P02

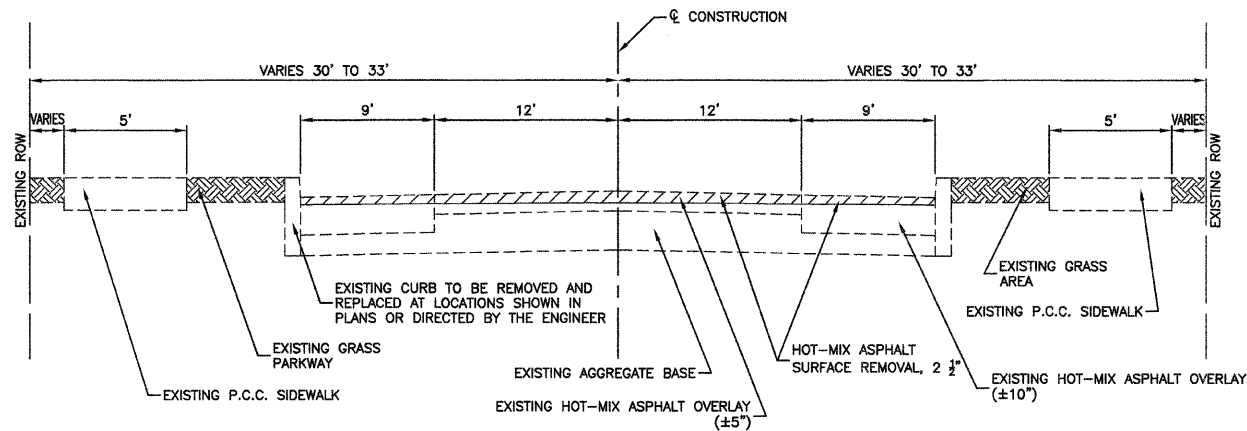
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	CHECKED -- ER	REVISED --
PLOT SCALE =	DRAWN -- JMD	REVISED --
PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
TYPICAL CROSS SECTIONS

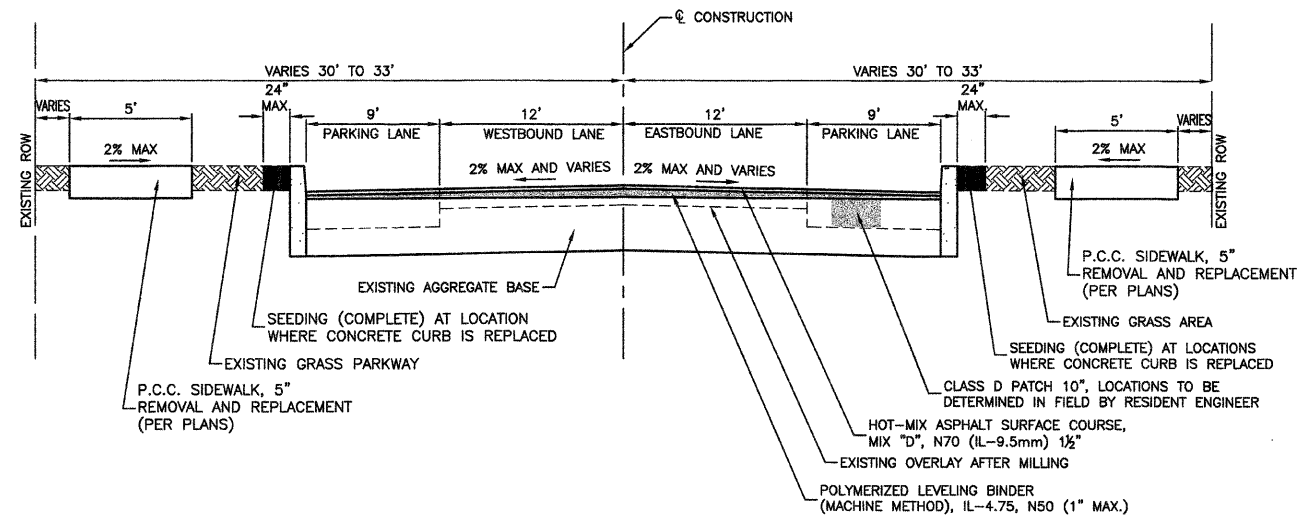
SCALE: N.T.S. SHEET NO. 4 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 4
CONTRACT NO. 63693			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)	



EXISTING TYPICAL SECTION

SIBLEY BOULEVARD
FREELAND AVE. TO DOUGLAS AVE.



PROPOSED TYPICAL SECTION

SIBLEY BOULEVARD
FREELAND AVE. TO DOUGLAS AVE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MILL FIRST BEFORE PATCHING

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PARKWAY RESTORATION	
LEVELING BINDER, (HAND METHOD), N50(IL-9.5mm); 2 1/4"	4% @ 50 Gyr.
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 1 1/2"	4% @ 50 Gyr.

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

NOTE:

REMOVAL OF EXISTING HMA OVERLAY OVER GUTTER FLAG WILL BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL, OF THE THICKNESS SPECIFIED
ANY CONCRETE GUTTER FLAG OR CONCRETE PAVEMENT THAT IS REQUIRED TO BE MILLED TO ACHIEVE PROPOSED GRADES WILL NOT BE PAID SEPARATELY, BUT INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL, OF THE THICKNESS SPECIFIED

FILE NAME = 11556-TYPX-01 - IDOT TYPX P03

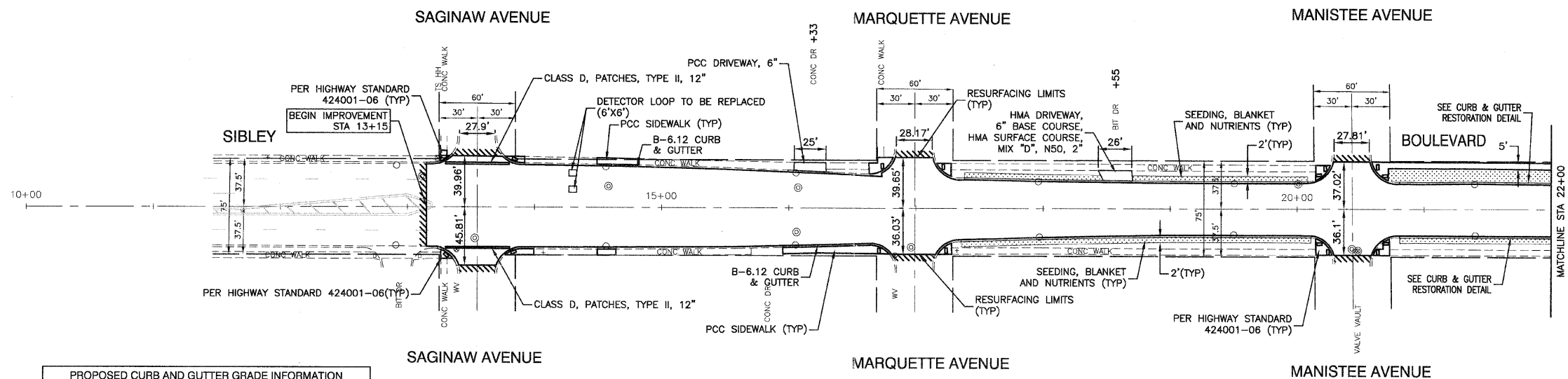
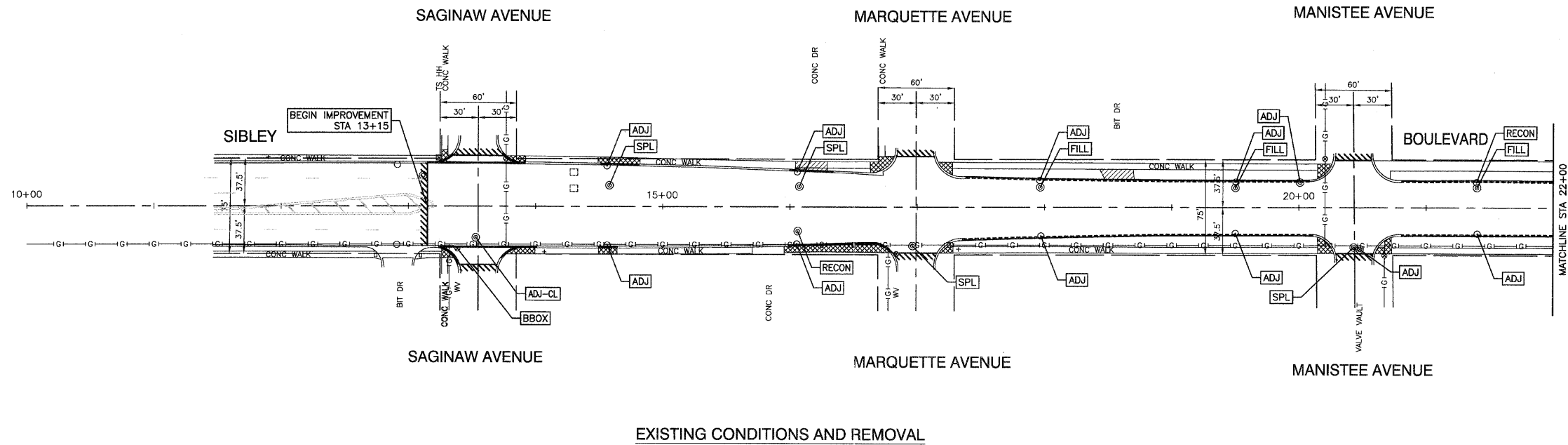
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PLOT SCALE =	DRAWN -- JMD	REVISED --
PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
TYPICAL CROSS SECTIONS

SCALE: N.T.S. SHEET NO. 5 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 5
CONTRACT NO. 63693			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)	



- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

PROPOSED CURB AND GUTTER GRADE INFORMATION

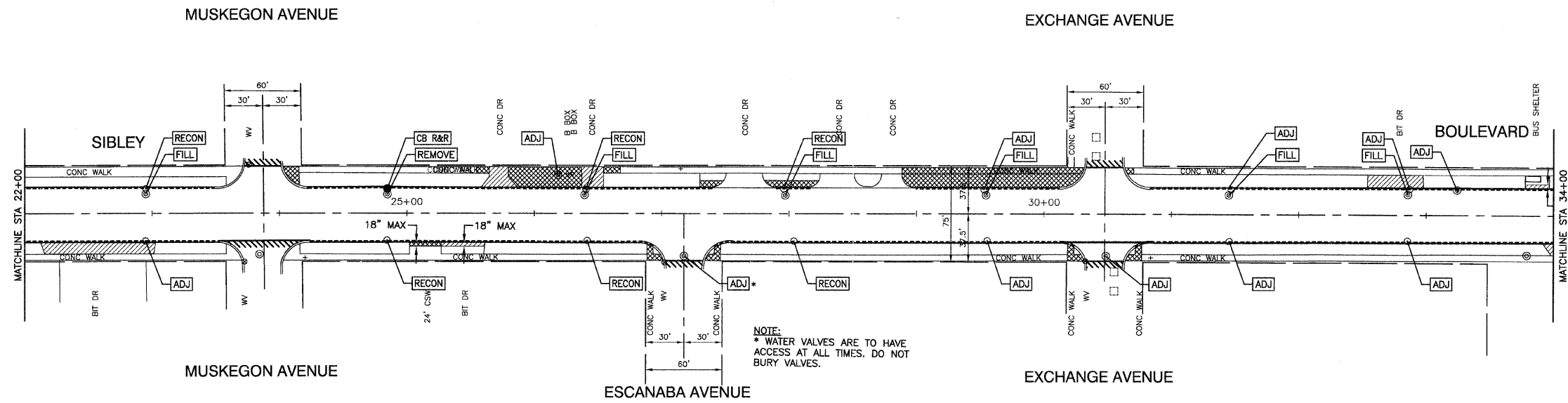
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
17+99.41	LT	586.32	DRAINAGE STRUCTURE
19+00	LT	586.72	SUMMIT
19+49.40	LT	586.52	DRAINAGE STRUCTURE
20+11.02	LT	586.29	SUMMIT
20+80.67	LT	586.46	SUMMIT
21+39.76	LT	586.12	DRAINAGE STRUCTURE
17+99.23	RT	586.33	DRAINAGE STRUCTURE
18+93.83	RT	586.71	SUMMIT
19+47.72	RT	586.26	DRAINAGE STRUCTURE
20+08.42	RT	586.47	SUMMIT
20+80.67	RT	586.29	SUMMIT
21+39.76	RT	586.04	DRAINAGE STRUCTURE

PROPOSED IMPROVEMENTS

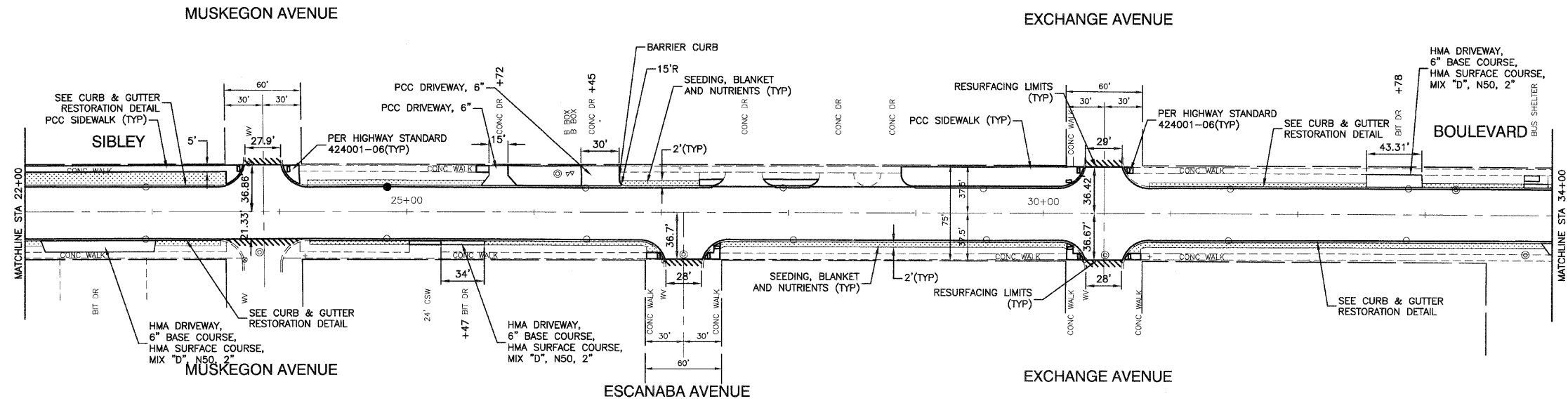
NOTES

1. LIMITS ON ALL SIDE STREETS SHALL BE TO RADIUS RETURNS.

FILE NAME = 11556-PLAN-01 - IDOT P01	USER NAME =	DESIGNED - RJW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT PLAN		FAU RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 6	
	PLOT SCALE =	CHECKED - ER	REVISED -		SCALE: 1"=50'	SHEET NO. 6	OF 27 SHEETS	STA. 13+15	TO STA. 22+00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (907)
	PLOT DATE = 12-07-11	DRAWN - MED	REVISED -									
		CHECKED - AG	REVISED -									



EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

NOTES

1. LIMITS ON ALL SIDE STREETS SHALL BE TO RADIUS RETURNS.

PROPOSED CURB AND GUTTER GRADE INFORMATION			
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
22+17.42	LT	586.45	SUMMIT
22+95.08	LT	586.14	DRAINAGE STRUCTURE
23+48.89	LT	586.47	SUMMIT
24+21.88	LT	586.50	SUMMIT
24+84.66	LT	586.20	DRAINAGE STRUCTURE
25+65.82	LT	586.51	SUMMIT
26+40.7	LT	586.24	DRAINAGE STRUCTURE
27+18.27	LT	586.68	SUMMIT
27+95.81	LT	586.22	DRAINAGE STRUCTURE
28+74.37	LT	586.54	SUMMIT
29+52.90	LT	586.12	DRAINAGE STRUCTURE
30+12.03	LT	586.32	SUMMIT
30+83.14	LT	586.37	SUMMIT
31+46.9	LT	586.10	DRAINAGE STRUCTURE
32+16.96	LT	586.36	SUMMIT
32+87.01	LT	586.18	DRAINAGE STRUCTURE
33+72.55	LT	586.75	SUMMIT

PROPOSED CURB AND GUTTER GRADE INFORMATION			
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
22+17.42	RT	586.42	SUMMIT
22+95.08	RT	586.12	DRAINAGE STRUCTURE
23+53.46	RT	586.54	SUMMIT
24+21.88	RT	586.37	SUMMIT
24+84.66	RT	586.12	DRAINAGE STRUCTURE
25+65.82	RT	586.51	SUMMIT
26+40.7	RT	586.21	DRAINAGE STRUCTURE
27+18.27	RT	586.60	SUMMIT
28+03.89	RT	586.25	DRAINAGE STRUCTURE
28+74.37	RT	586.52	SUMMIT
29+55.52	RT	586.05	DRAINAGE STRUCTURE
30+14.93	RT	586.29	SUMMIT
30+86.30	RT	586.27	SUMMIT
31+45.46	RT	586.05	DRAINAGE STRUCTURE
32+16.96	RT	586.32	SUMMIT
32+85.39	RT	586.06	DRAINAGE STRUCTURE
33+72.55	RT	586.42	PROPOSED GRADE

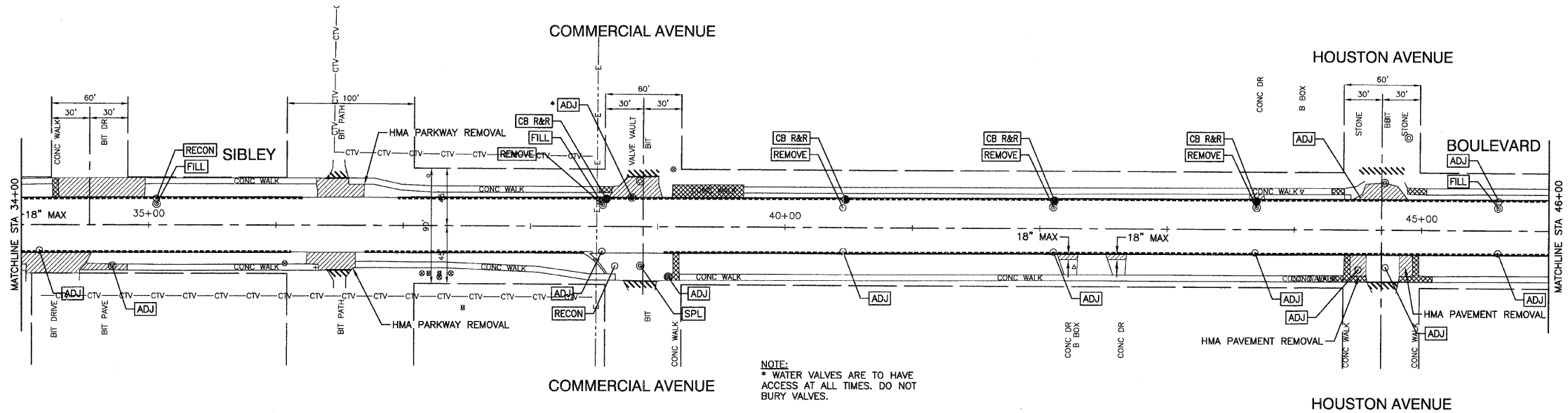
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 PLOT DATE = 12-07-11

DESIGNED - RJW	REVISOR -
CHECKED - ER	REVISIONS -
DRAWN - MED	REVISIONS -
CHECKED - AG	REVISIONS -

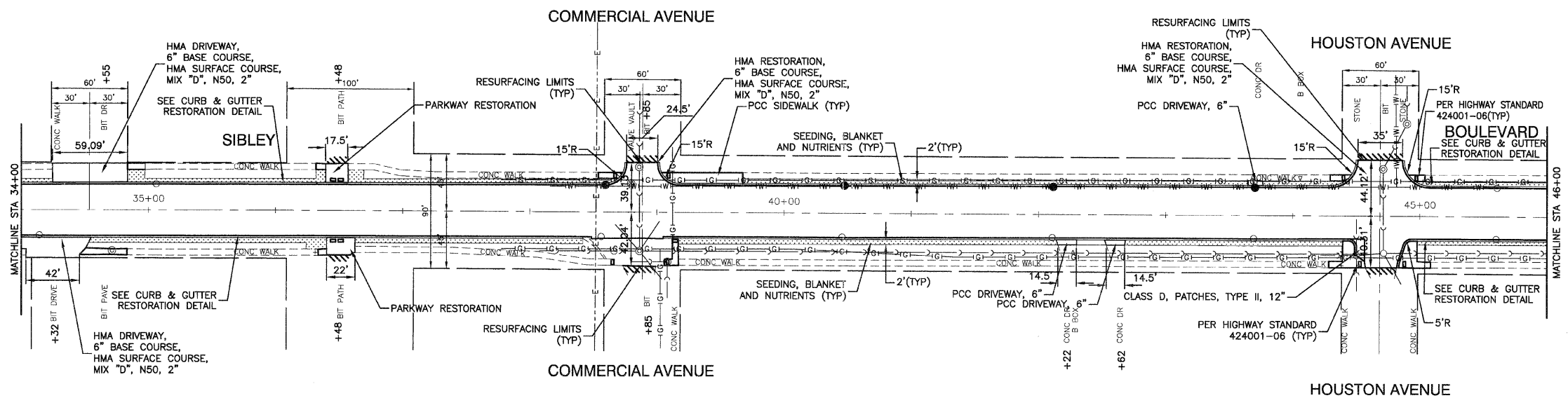
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
 TORRENCE AVENUE TO STATE-LINE ROAD
 PAVEMENT PLAN
 SCALE: 1"=50' SHEET NO. 7 OF 27 SHEETS STA. 22+00 TO STA. 34+00

F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 7
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63693	
FED. AID PROJECT M-9003 (907)				



EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

PROPOSED CURB AND GUTTER GRADE INFORMATION			
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
34+58.08	LT	587.19	SUMMIT
35-06.05	LT	587.52	DRAINAGE STRUCTURE
35+77.72	LT	588.20	PROPOSED GRADE
36+49.39	LT	589.12	SUMMIT
36+95.89	LT	588.27	PROPOSED GRADE
38+59.70	LT	586.18	DRAINAGE STRUCTURE
39+06.54	LT	585.99	PROPOSED GRADE
40+47.44	LT	585.46	DRAINAGE STRUCTURE
41+29.52	LT	585.80	SUMMIT
42+11.60	LT	585.31	DRAINAGE STRUCTURE
43+03.26	LT	585.62	SUMMIT
43+70.19	LT	585.37	DRAINAGE STRUCTURE
44+44.55	LT	585.58	SUMMIT
44+88.73	LT	585.51	PROPOSED GRADE
45+60.66	LT	585.45	DRAINAGE STRUCTURE

PROPOSED CURB AND GUTTER GRADE INFORMATION			
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
34+14.18	RT	586.67	PROPOSED GRADE
35+06.05	RT	587.61	PROPOSED GRADE
36+50.25	RT	589.06	SUMMIT
37+00.00	RT	588.15	PROPOSED GRADE
38+00.00	RT	586.83	PROPOSED GRADE
38+56.25	RT	586.17	DRAINAGE STRUCTURE
39+12.18	RT	586.00	SUMMIT
40+45.62	RT	585.46	DRAINAGE STRUCTURE
41+29.52	RT	585.86	SUMMIT
42+10.79	RT	585.42	DRAINAGE STRUCTURE
43+03.26	RT	585.75	SUMMIT
43+69.16	RT	585.41	DRAINAGE STRUCTURE
44+46.57	RT	585.62	PROPOSED GRADE
44+91.57	RT	585.71	SUMMIT
45+59.97	RT	585.34	DRAINAGE STRUCTURE

FILE NAME = 11598-PLAN-01 - IDOT P03

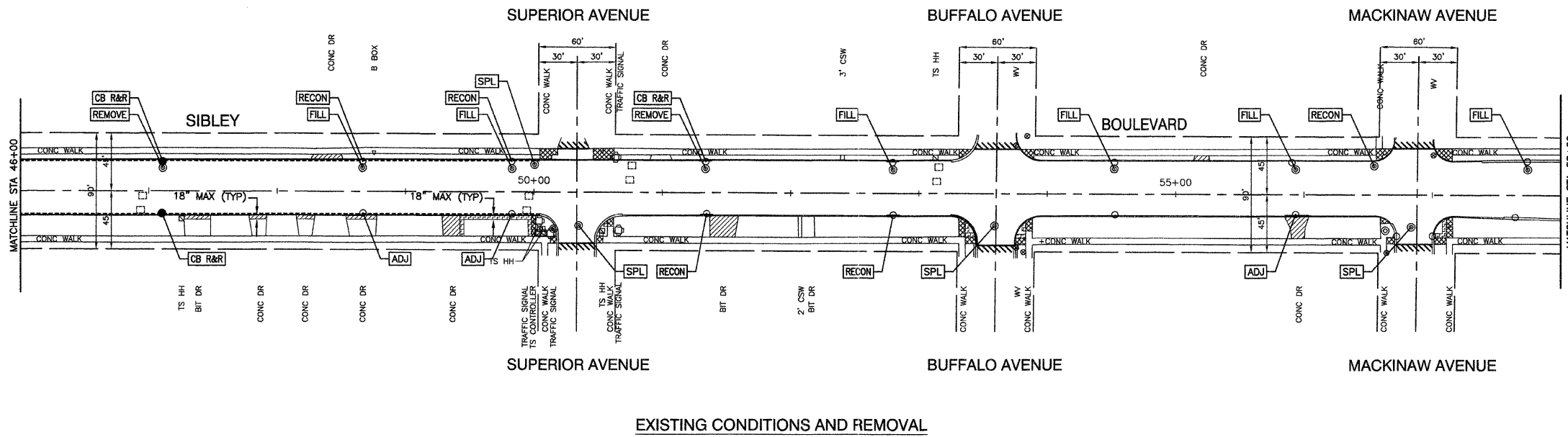
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PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

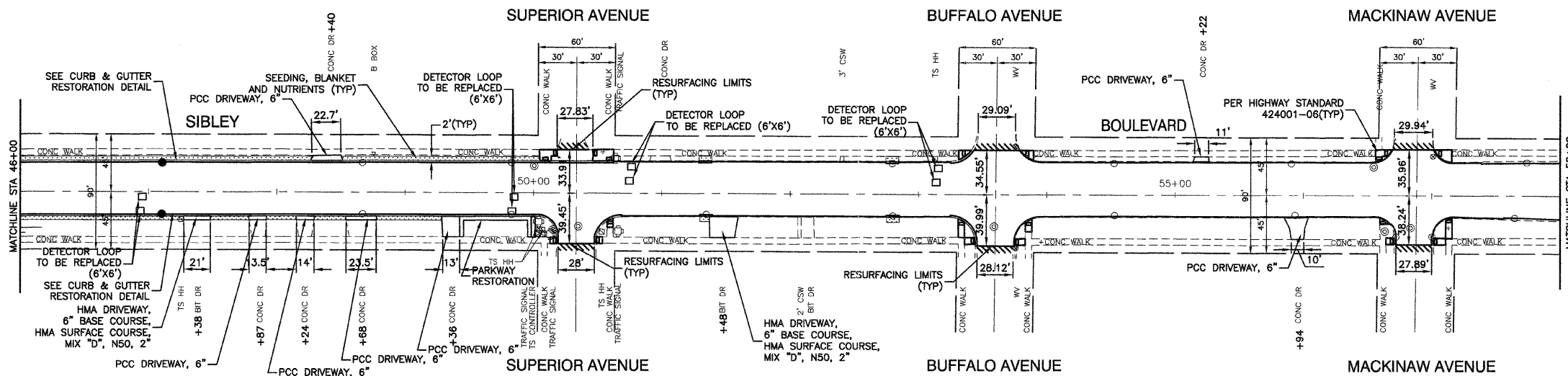
SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	8
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				

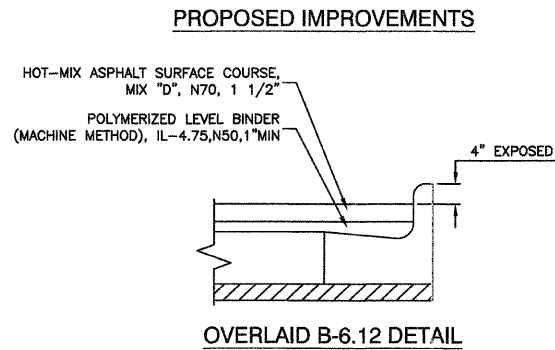
SCALE: 1"=50' SHEET NO. 8 OF 27 SHEETS STA. 34+00 TO STA. 46+00



EXISTING CONDITIONS AND REMOVAL



PROPOSED CURB AND GUTTER GRADE INFORMATION			
LOCATION	OFFSET	PROP. ELEVATION	INFORMATION
46+35.67	LT	585.75	SUMMIT
47+10.69	LT	585.52	DRAINAGE STRUCTURE
47+88.68	LT	585.85	SUMMIT
48+66.70	LT	585.82	DRAINAGE STRUCTURE
49+24.73	LT	585.82	SUMMIT
49+82.78	LT	585.53	DRAINAGE STRUCTURE
50+32.10	LT	585.73	SUMMIT
46+35.67	RT	585.63	SUMMIT
47+10.29	RT	585.39	DRAINAGE STRUCTURE
47+88.68	RT	585.70	SUMMIT
48+66.78	RT	585.37	DRAINAGE STRUCTURE
49+24.73	RT	585.73	SUMMIT
49+82.78	RT	585.48	DRAINAGE STRUCTURE
50+33.54	RT	585.75	SUMMIT



NOTES

1. CURB AND GUTTER REMOVAL AND REPLACEMENT FROM SUPERIOR TO GEENBAY WILL BE PAID AS COMBINATION CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12. SEE OVERLAID B-6.12 DETAIL.

LEGEND

- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- HMA REMOVAL, SPECIAL
- SEEDING, BLANKET AND NUTRIENTS
- HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
- COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- BUFFALO ADJUSTMENT SPECIAL
- CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
- CATCH BASIN TO BE REMOVED
- CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
- DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
- DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
- DRAINAGE STRUCTURE TO BE ADJUSTED
- FRAMES AND LID TO BE ADJUSTED, SPECIAL
- CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

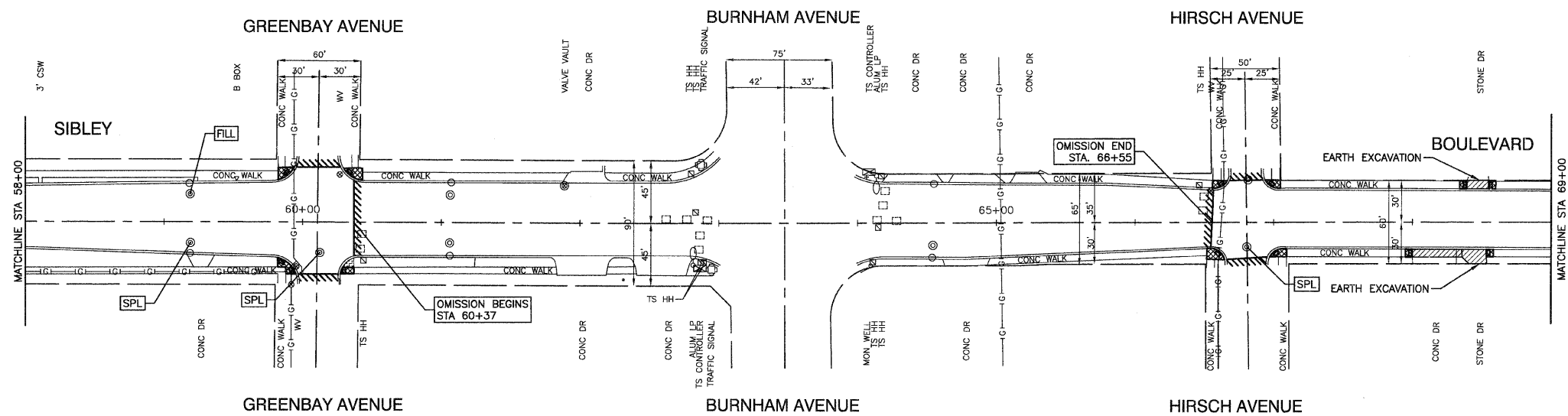
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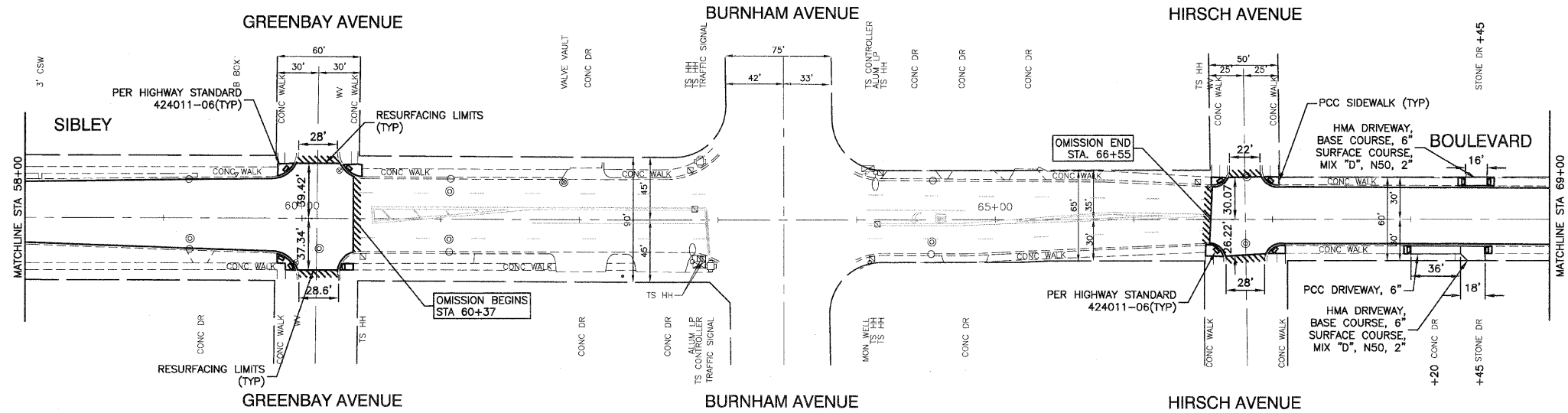
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT PLAN
SCALE: 1"=50'

F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 9
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

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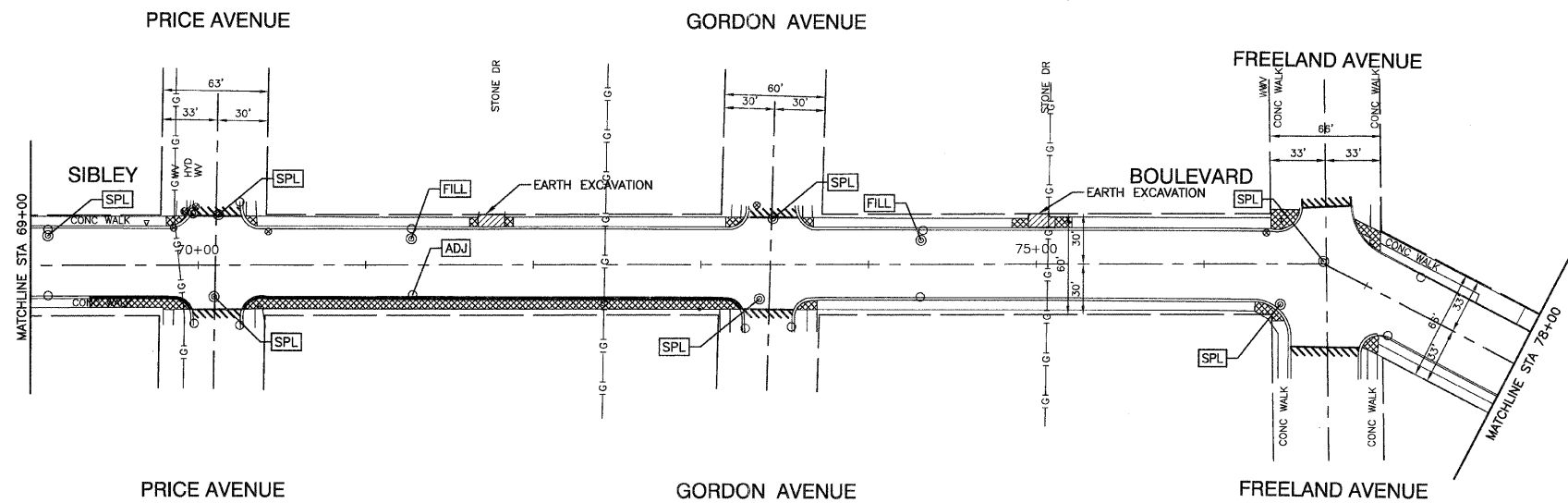
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CHECKED - ER	REVISIONS -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

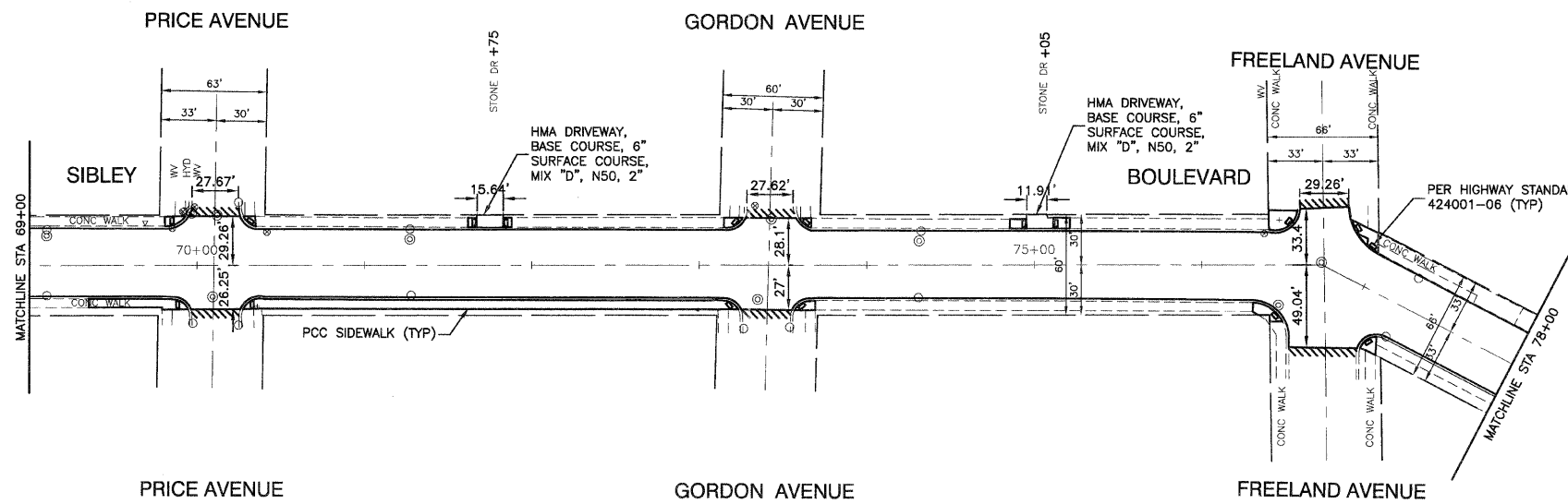
SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT PLAN
SCALE: 1"=50'
SHEET NO. 10 OF 27 SHEETS
STA. 58+00 TO STA. 69+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	10
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				

ALL SHEETS BY RESURFACING DIVISION
DESIGNED BY: MATTHEW P. ZELINSKI, P.E.



EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

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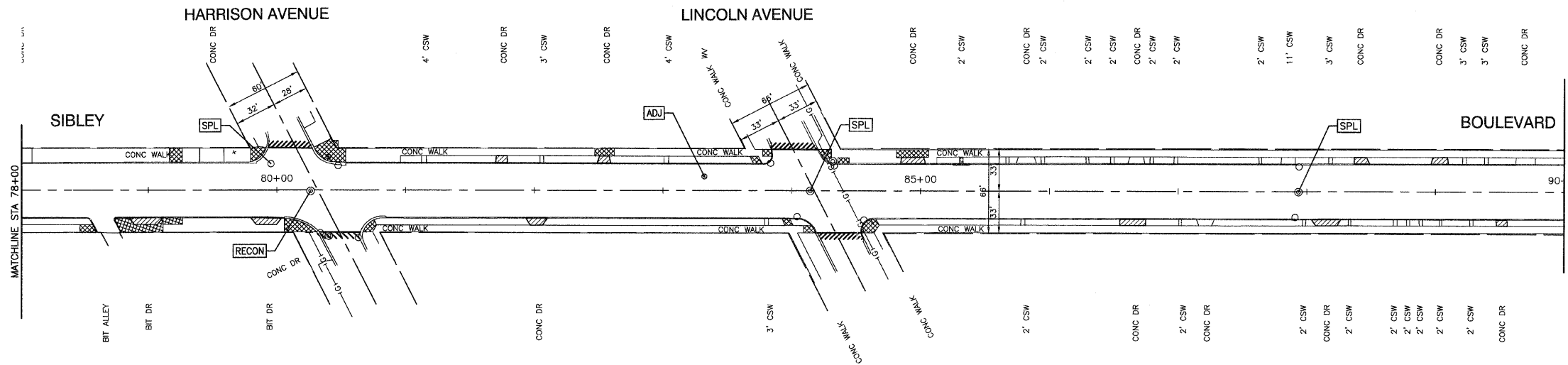
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PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

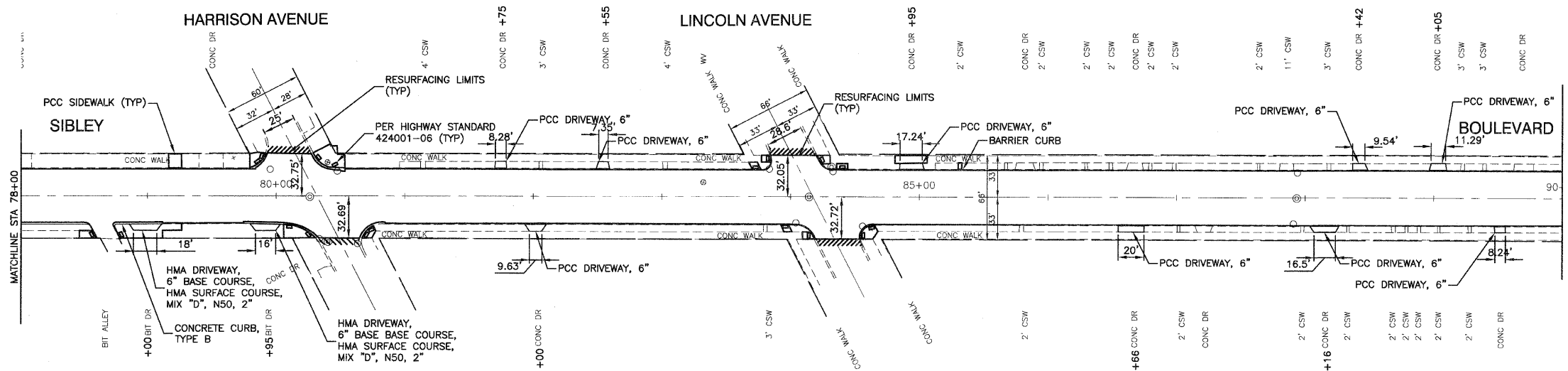
SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT PLAN

SCALE: 1"=50' SHEET NO. 11 OF 27 SHEETS STA. 69+00 TO STA. 78+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	11
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

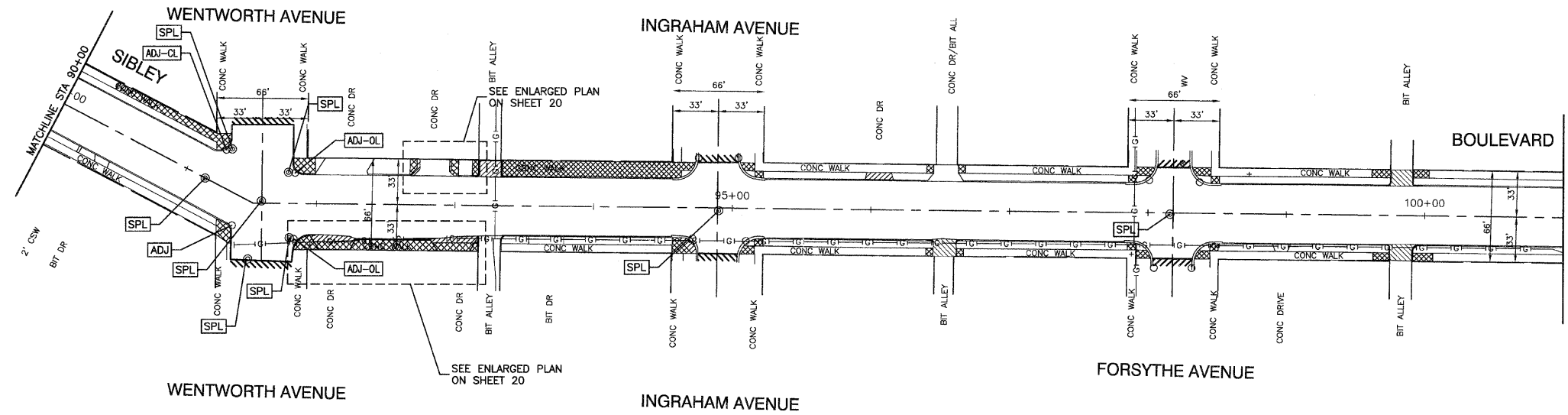
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CHECKED -- ER	REVISIONS --	
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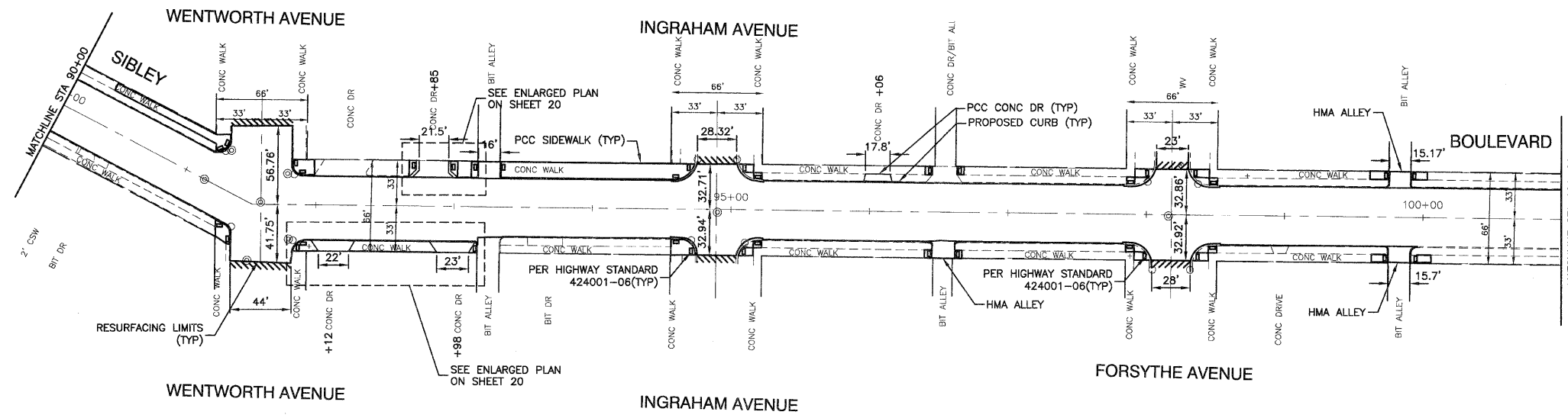
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT PLAN
SCALE: 1"=50' SHEET NO. 12 OF 27 SHEETS STA. 78+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	12
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



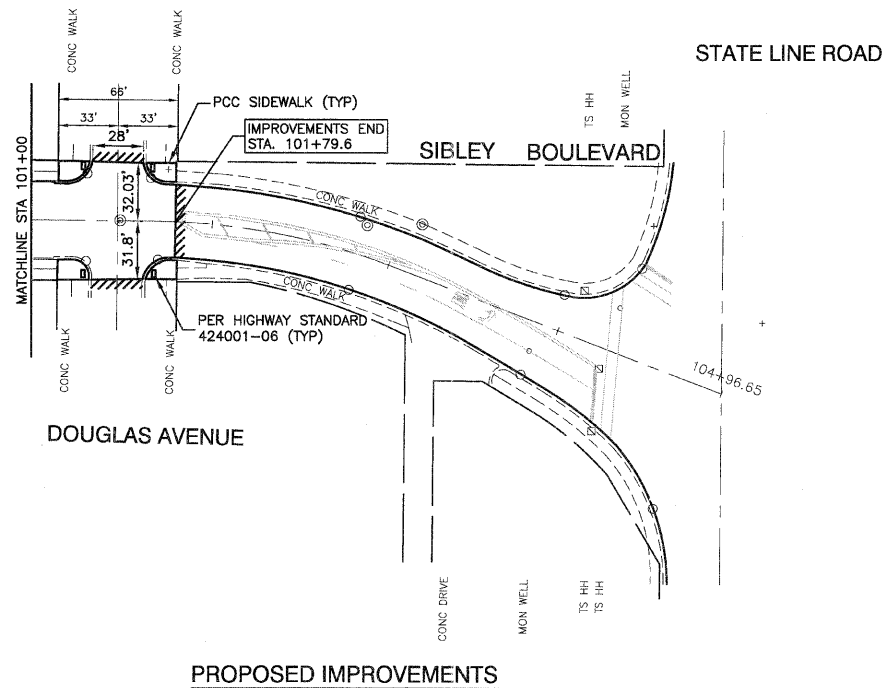
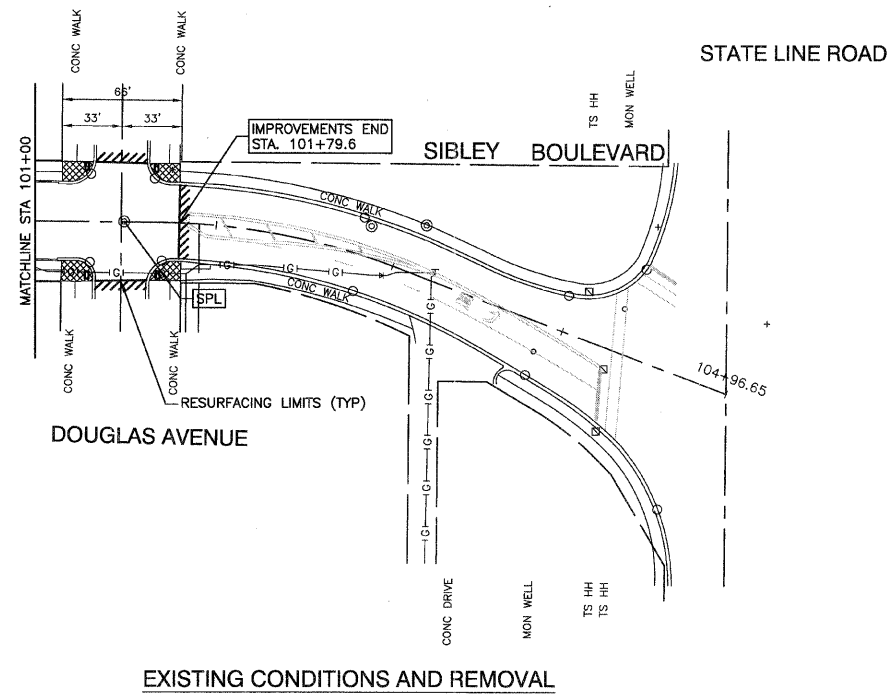
EXISTING CONDITIONS AND REMOVAL



PROPOSED IMPROVEMENTS

- LEGEND**
- CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - HMA REMOVAL, SPECIAL
 - SEEDING, BLANKET AND NUTRIENTS
 - HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
 - COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
 - COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - BUFFALO ADJUSTMENT SPECIAL
 - CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
 - CATCH BASIN TO BE REMOVED
 - CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
 - DRAINAGE STRUCTURE TO BE ADJUSTED
 - FRAMES AND LID TO BE ADJUSTED, SPECIAL
 - CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

FILE NAME = 11556-PLAN-01 - IDOT P08	USER NAME =	DESIGNED -- RJW	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT PLAN	F.A.U RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 13	
	PLOT SCALE =	CHECKED -- ER	REVISED --		SCALE: 1"=50'	SHEET NO. 13 OF 27 SHEETS	STA. 90+00 TO STA. 101+00		CONTRACT NO. 63693		
	PLOT DATE = 12-07-11	DRAWN -- MED	REVISED --		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)						
		CHECKED -- AG	REVISED --								



LEGEND

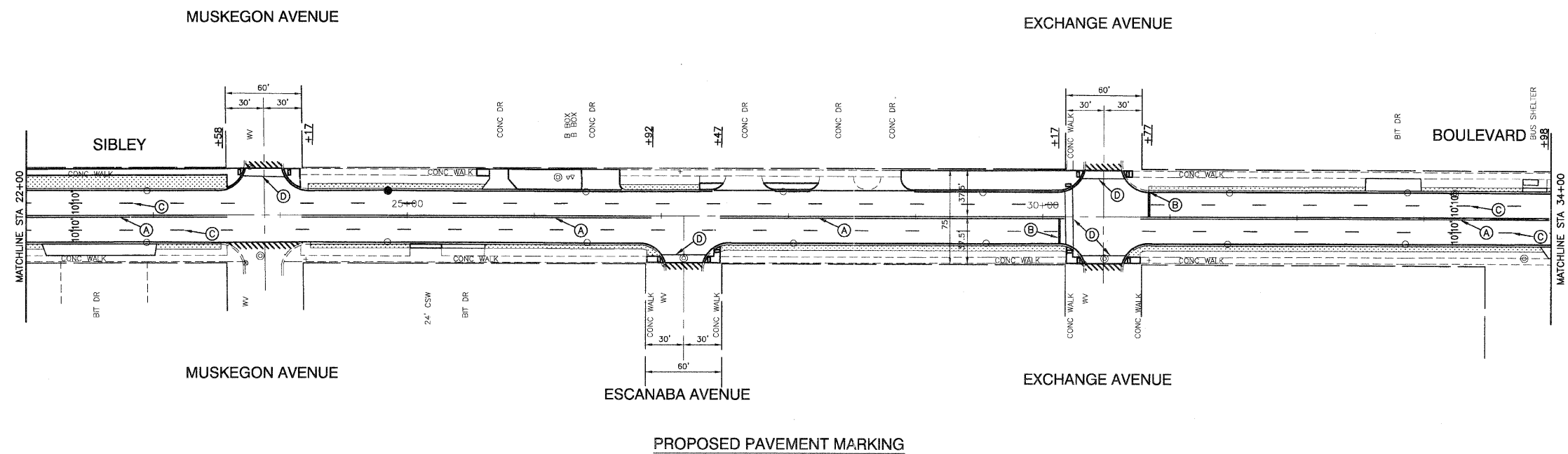
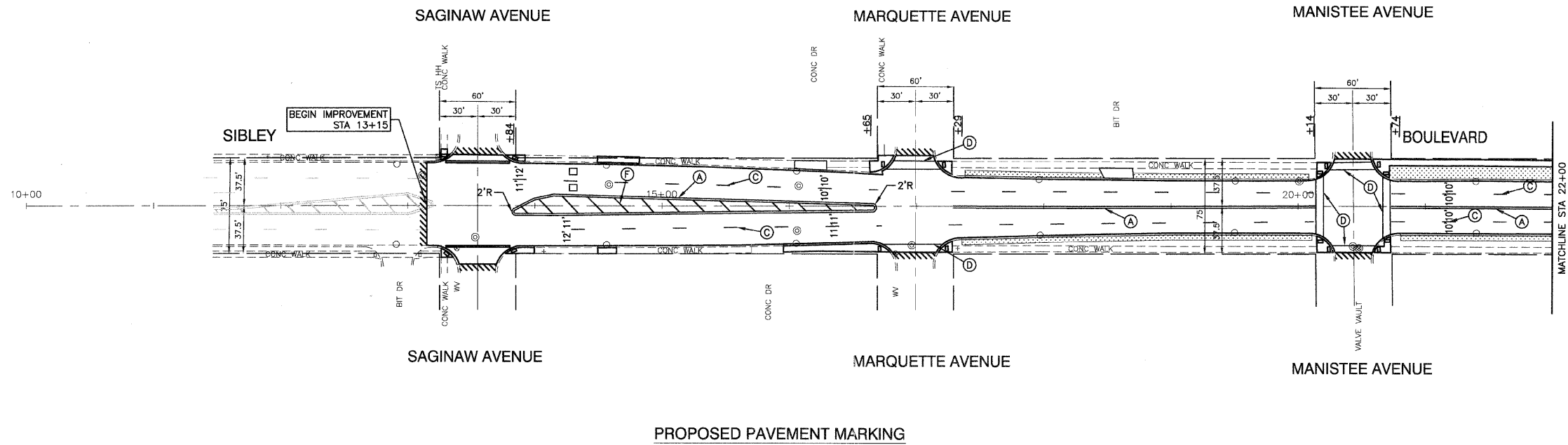
	CONCRETE SIDEWALK REMOVAL
	DRIVEWAY REMOVAL
	HMA REMOVAL, SPECIAL
	SEEDING, BLANKET AND NUTRIENTS
	HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
	COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
	BUFFALO ADJUSTMENT SPECIAL
	CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
	CATCH BASIN TO BE REMOVED
	CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
	DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
	DRAINAGE STRUCTURE TO BE ADJUSTED
	FRAMES AND LID TO BE ADJUSTED, SPECIAL
	CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

FILE NAME = 11556-PLAN-01 - IDOT P09	USER NAME =	DESIGNED -- RJW	REVISED --
		CHECKED -- ER	REVISED --
	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT PLAN			
SCALE: 1"=50'	SHEET NO. 14 OF 27 SHEETS	STA. 101+00 TO STA. 101+79.60	

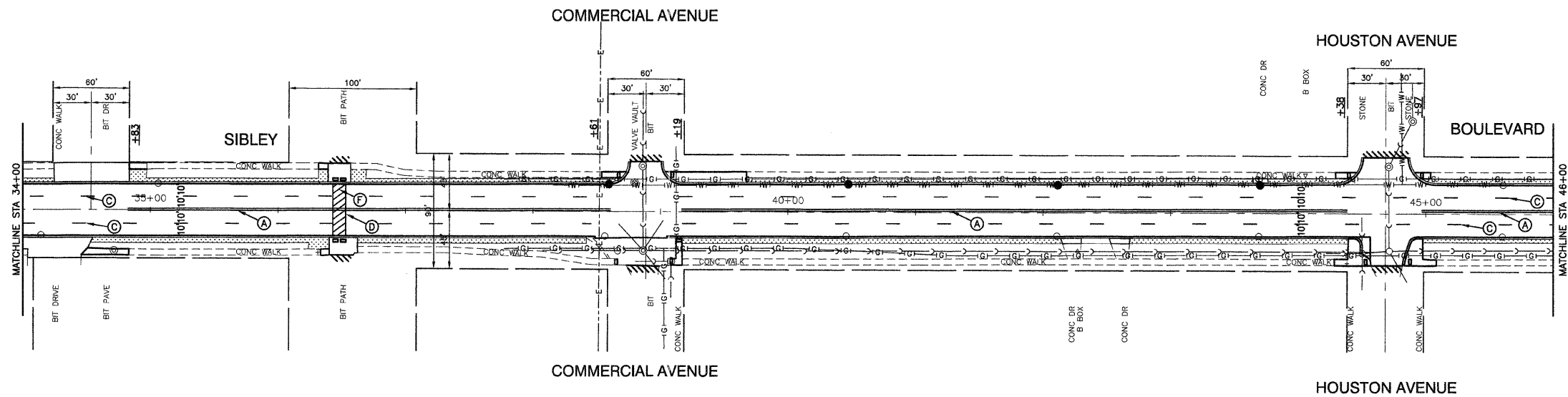
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	14
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



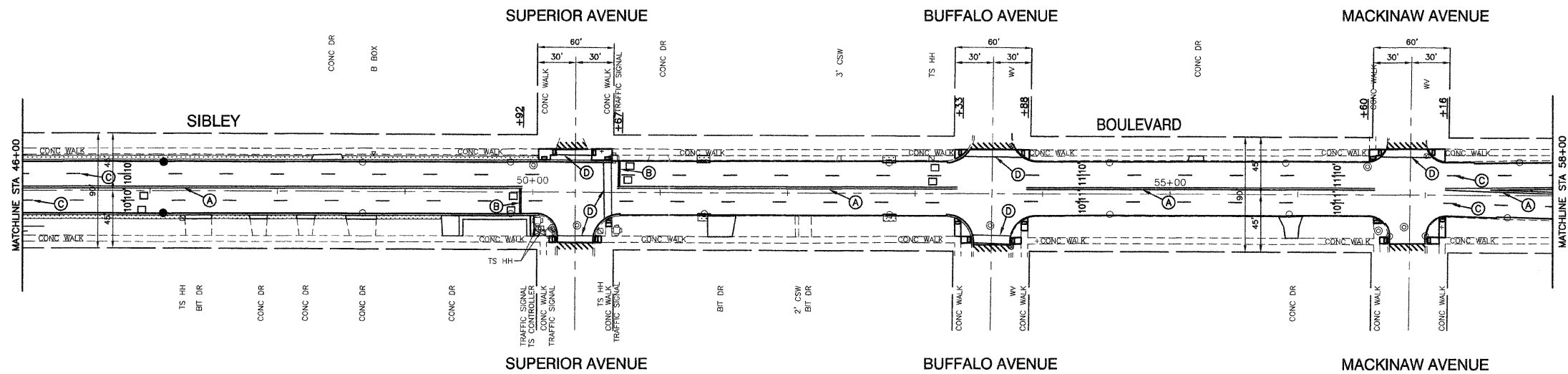
- LEGEND**
- (A) THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
 - (B) THERMOPLASTIC PAVEMENT MARKING WHITE, 24"
 - (C) THERMOPLASTIC PAVEMENT MARKING WHITE, 4" LANE LINE
 - (D) THERMOPLASTIC PAVEMENT MARKING WHITE, 6" CROSS WALK
 - (E) THERMOPLASTIC PAVEMENT MARKING LINE, LETTERS & SYMBOLS
 - (F) THERMOPLASTIC PAVEMENT MARKING YELLOW, DIAGONAL 12"
 - (G) THERMOPLASTIC PAVEMENT MARKING WHITE, 6", 2" DASH, 6" SKIP

FILE NAME = 11556-PLAN-01 - IDOT P10	USER NAME =	DESIGNED -- RJW	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT MARKING PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- ER	REVISED --		3787	11-00151-00-RS	COOK	27	15		
	PLOT DATE = 12-07-11	DRAWN -- MED	REVISED --		CONTRACT NO. 63693						
	CHECKED -- AG	REVISED --	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)								

SCALE: 1"=50' SHEET NO. 15 OF 27 SHEETS STA. 13+15 TO STA. 22+00



PROPOSED PAVEMENT MARKING

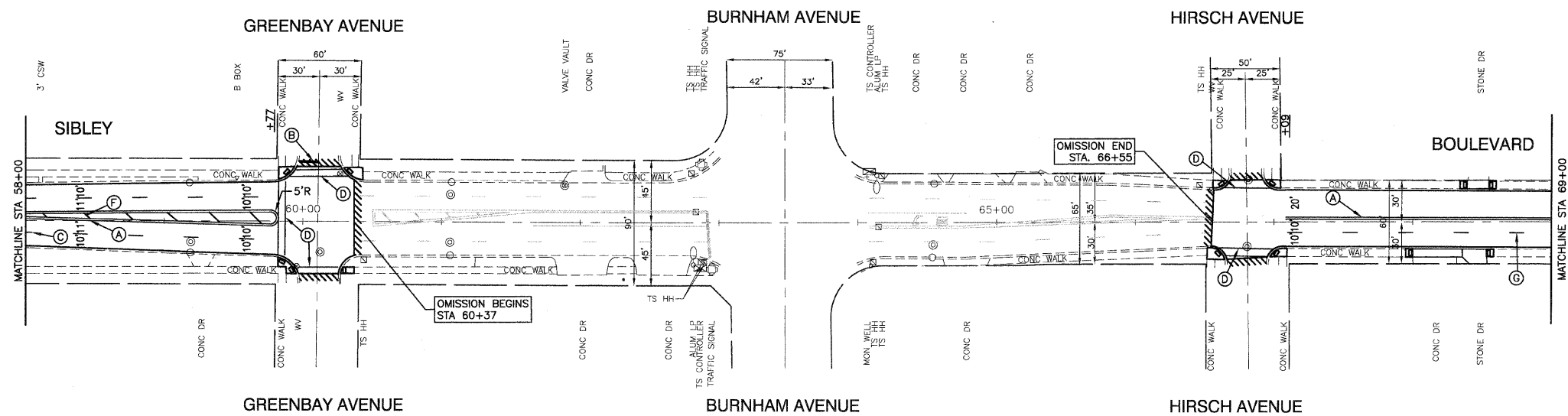


PROPOSED PAVEMENT MARKING

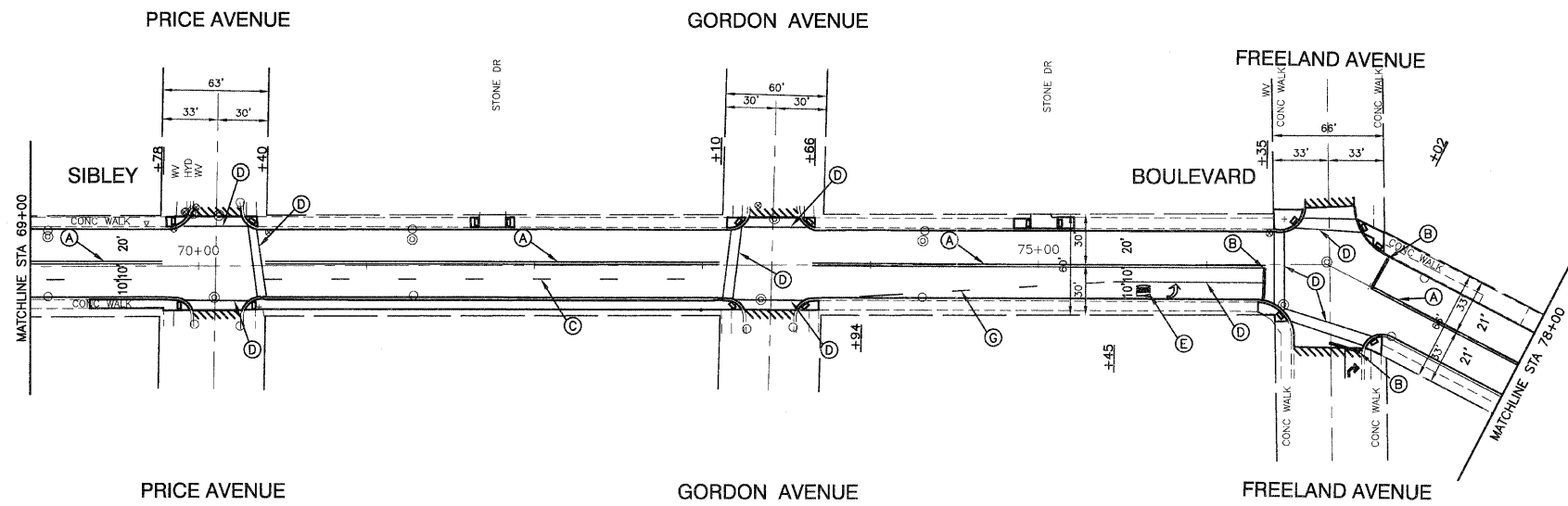
- LEGEND**
- (A) THERMOPLASTIC PAVEMENT MARKING
YELLOW, DOUBLE LINE, 4"
 - (B) THERMOPLASTIC PAVEMENT MARKING
WHITE, 24"
 - (C) THERMOPLASTIC PAVEMENT MARKING
WHITE, 4" LANE LINE
 - (D) THERMOPLASTIC PAVEMENT MARKING
WHITE, 8" CROSS WALK
 - (E) THERMOPLASTIC PAVEMENT MARKING
LINE, LETTERS & SYMBOLS
 - (F) THERMOPLASTIC PAVEMENT MARKING
YELLOW, DIAGONAL 12"
 - (G) THERMOPLASTIC PAVEMENT MARKING
WHITE, 6", 2' DASH, 6' SKIP

FILE NAME = 11556-PLAN-01 - IDOT P11	USER NAME =	DESIGNED -- RJW	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT MARKING PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- ER	REVISED --					3787	11-00151-00-RS	COOK	27	16
	PLOT DATE = 12-07-11	DRAWN -- MED	REVISED --					CONTRACT NO. 63693				
		CHECKED -- AG	REVISED --					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				

SECTION 7, TOWNSHIP 36, RANGE 15
SECTION 8, TOWNSHIP 36, RANGE 15



PROPOSED PAVEMENT MARKING



PROPOSED PAVEMENT MARKING

- LEGEND**
- (A) THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
 - (B) THERMOPLASTIC PAVEMENT MARKING WHITE, 24"
 - (C) THERMOPLASTIC PAVEMENT MARKING WHITE, 4" LANE LINE
 - (D) THERMOPLASTIC PAVEMENT MARKING WHITE, 6" CROSS WALK
 - (E) THERMOPLASTIC PAVEMENT MARKING LINE, LETTERS & SYMBOLS
 - (F) THERMOPLASTIC PAVEMENT MARKING YELLOW, DIAGONAL 12"
 - (G) THERMOPLASTIC PAVEMENT MARKING WHITE, 6", 2' DASH, 6' SKIP

FILE NAME = 11566-PLAN 01 - IDOT P12

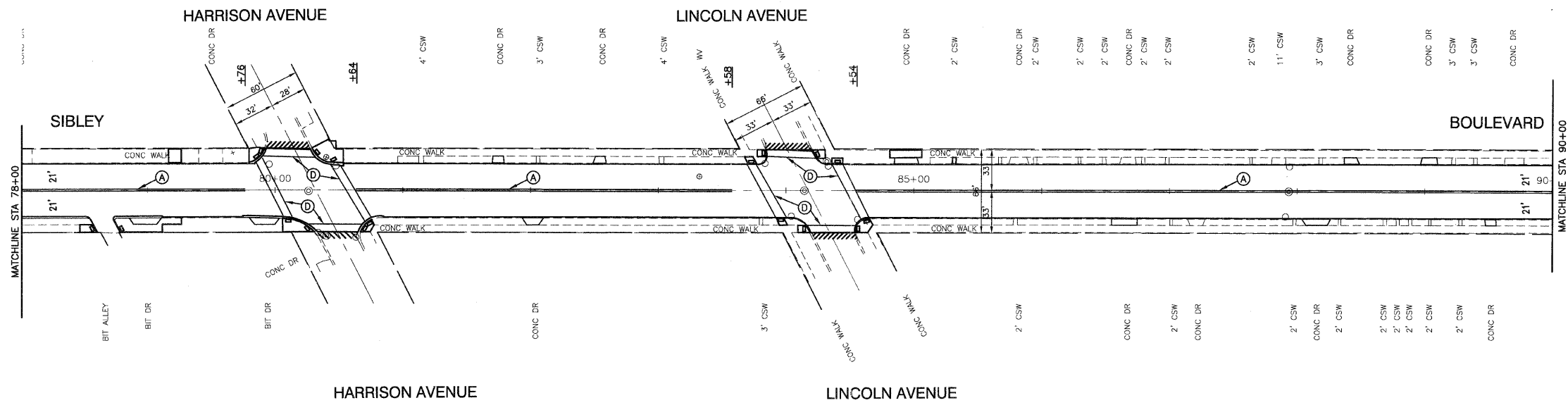
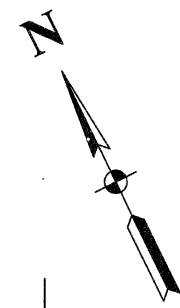
USER NAME =	DESIGNED — RJW	REVISED —
PLOT SCALE =	CHECKED — ER	REVISED —
PLOT DATE = 12-07-11	DRAWN — MED	REVISED —
	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

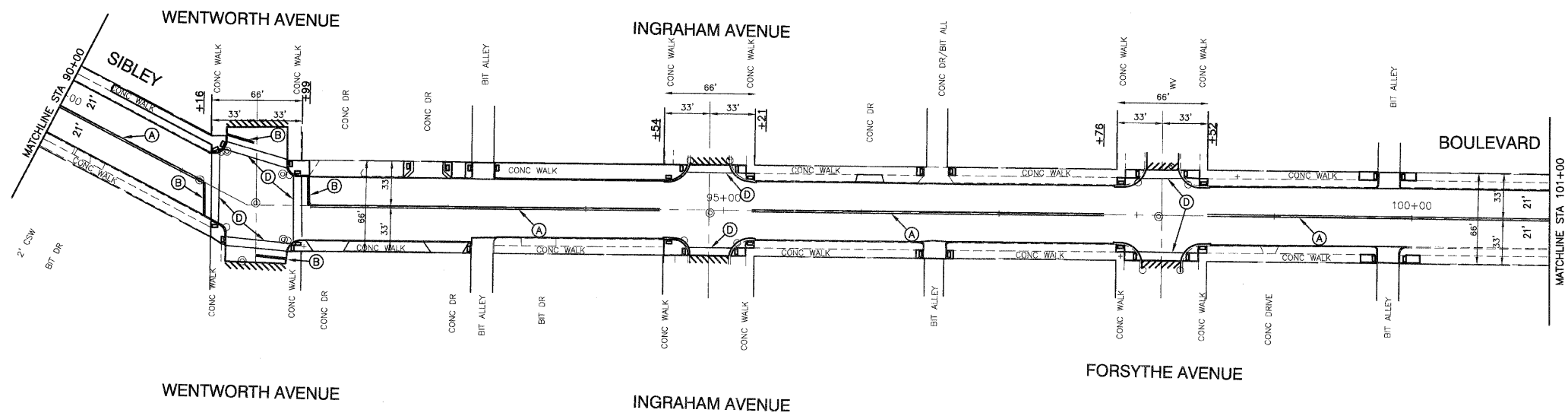
SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 17 OF 27 SHEETS STA. 58+00 TO STA. 69+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	17
CONTRACT NO. 63693				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



PROPOSED PAVEMENT MARKING



PROPOSED PAVEMENT MARKING



- LEGEND**
- (A) THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
 - (B) THERMOPLASTIC PAVEMENT MARKING WHITE, 24"
 - (C) THERMOPLASTIC PAVEMENT MARKING WHITE, 4" LANE LINE
 - (D) THERMOPLASTIC PAVEMENT MARKING WHITE, 6" CROSS WALK
 - (E) THERMOPLASTIC PAVEMENT MARKING LINE, LETTERS & SYMBOLS
 - (F) THERMOPLASTIC PAVEMENT MARKING YELLOW, DIAGONAL 12"
 - (G) THERMOPLASTIC PAVEMENT MARKING WHITE, 6", 2' DASH, 6' SKIP

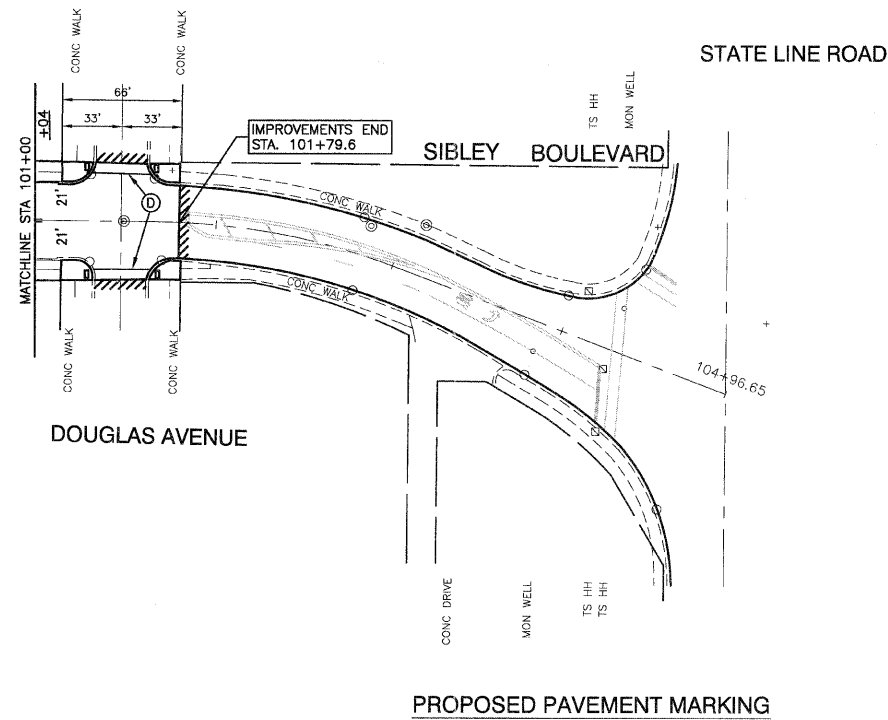
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USER NAME =	DESIGNED — RJW	REVISED —
PLOT SCALE =	CHECKED — ER	REVISED —
PLOT DATE = 12-07-11	DRAWN — MED	REVISED —
	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
PAVEMENT MARKING PLAN
SCALE: 1"=50' SHEET NO. 18 OF 27 SHEETS STA. 78+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	18
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (907)	



PROPOSED PAVEMENT MARKING

LEGEND

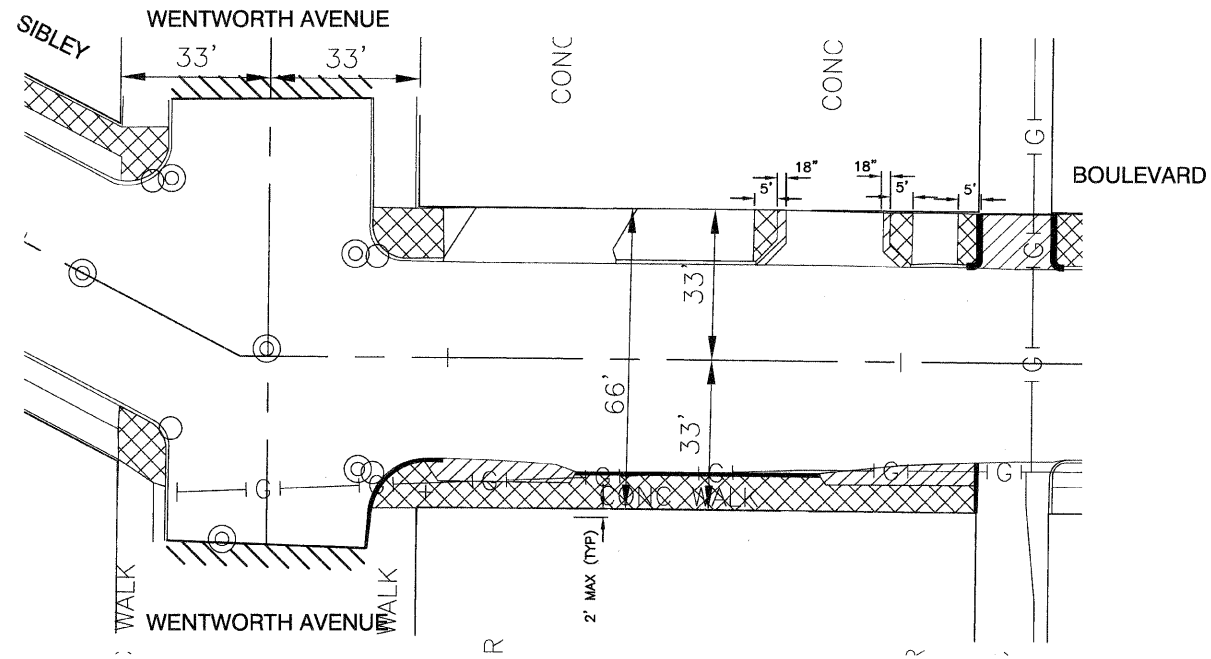
- (A) THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"
- (B) THERMOPLASTIC PAVEMENT MARKING WHITE, 24"
- (C) THERMOPLASTIC PAVEMENT MARKING WHITE, 4" LANE LINE
- (D) THERMOPLASTIC PAVEMENT MARKING WHITE, 6" CROSS WALK
- (E) THERMOPLASTIC PAVEMENT MARKING LINE, LETTERS & SYMBOLS
- (F) THERMOPLASTIC PAVEMENT MARKING YELLOW, DIAGONAL 12"
- (G) THERMOPLASTIC PAVEMENT MARKING WHITE, 6", 2' DASH, 6' SKIP

FILE NAME = 11566-PLAN-01 - IDOT P14	USER NAME =	DESIGNED -- RJW	REVISED --
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	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

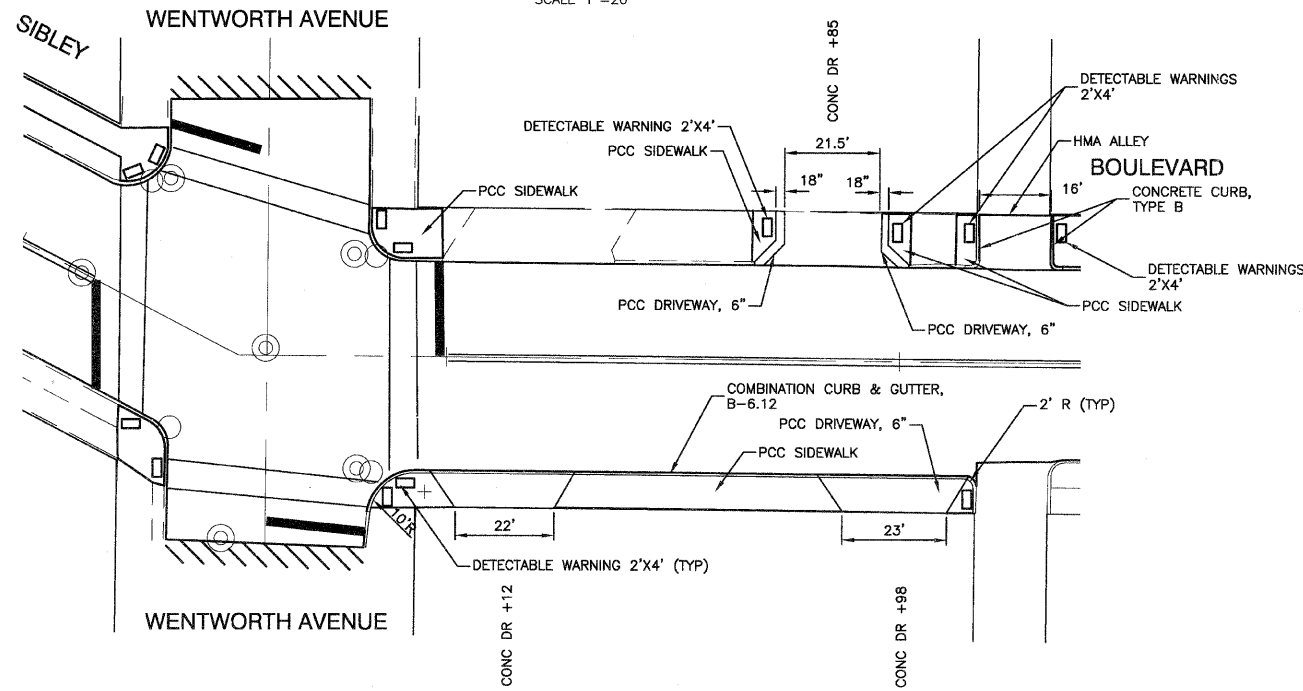
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD PAVEMENT MARKING PLAN	
SCALE: 1"=50'	SHEET NO. 19 OF 27 SHEETS
STA. 101+00	TO STA. 101+79.60

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	19
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63693	
FED. AID PROJECT M-9003 (907)				



ENLARGED VIEW
EXISTING CONDITIONS AND REMOVAL
SCALE 1"=20'



ENLARGED VIEW
PROPOSED IMPROVEMENTS
SCALE 1"=20'

NOTES

1. ROADWAY WILL BE PATCHED WITH A CLASS D PATCH TYPEII, 10".

LEGEND

- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- HMA REMOVAL, SPECIAL
- SEEDING, BLANKET AND NUTRIENTS
- HOT MIX ASPHALT SURFACE REMOVE - BUTT JOINTS (10' UNLESS OTHERWISE INDICATED)
- COMBINATION CURB AND GUTTER REMOVAL, SPECIAL AND COMBINATION CONCRETE CURB B-6.12, SPECIAL
- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- BUFFALO ADJUSTMENT SPECIAL
- CATCH BASIN TO BE FILLED TO MAINTAIN FLOW
- CATCH BASIN TO BE REMOVED
- CATCH BASIN TO BE REMOVED AND REPLACED WITH CB, TYPE C W/ TYPE 1 FRAME, OL
- DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, OPEN LID
- DRAINAGE STRUCTURE TO BE ADJUSTED WITH A NEW TYPE 1 FRAME, CLOSED LID
- DRAINAGE STRUCTURE TO BE ADJUSTED
- FRAMES AND LID TO BE ADJUSTED, SPECIAL
- CATCH BASIN TO BE RECONSTRUCTED WITH A NEW TYPE 1 FRAME, OPEN LID

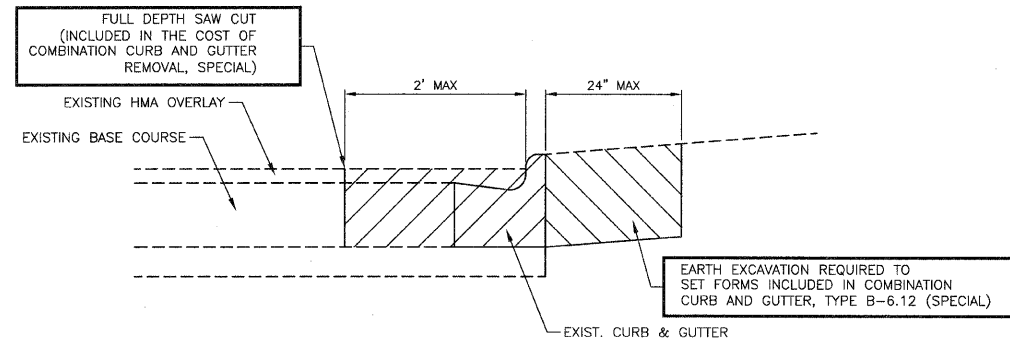
FILE NAME = 11556-PLAN-01 - DTLS P01

USER NAME =	DESIGNED - RJW	REVISED -
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PLOT SCALE =	DRAWN - MED	REVISED -
PLOT DATE = 12-07-11	CHECKED - AG	REVISED -

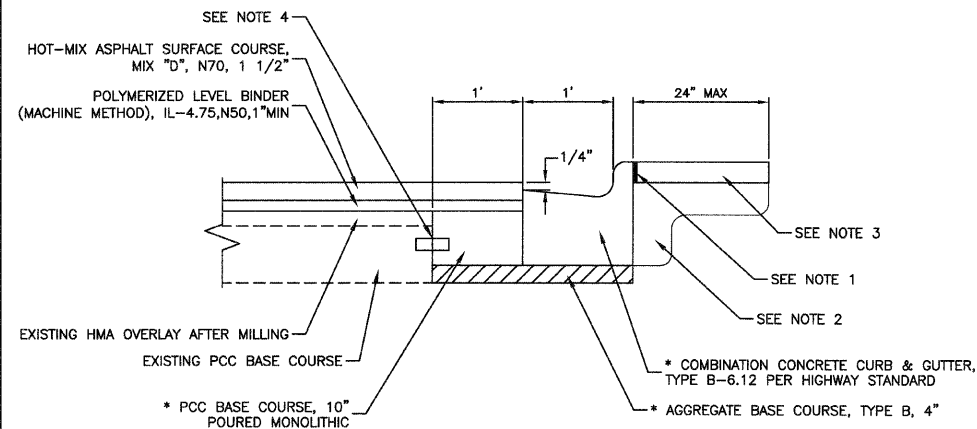
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD CONSTRUCTION DETAILS	
SCALE:	SHEET NO. 20 OF 27 SHEETS STA. 91+00 TO STA. 93+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)			CONTRACT NO. 63693	



CURB & GUTTER REMOVAL DETAIL

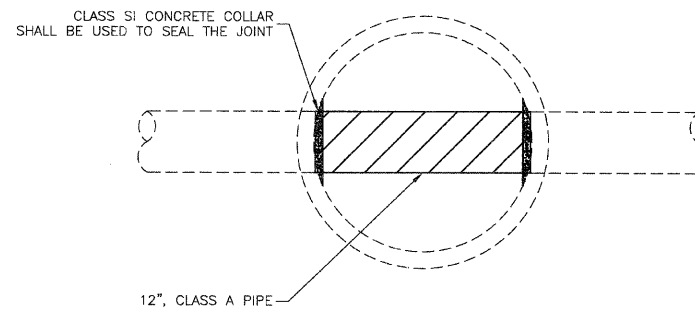
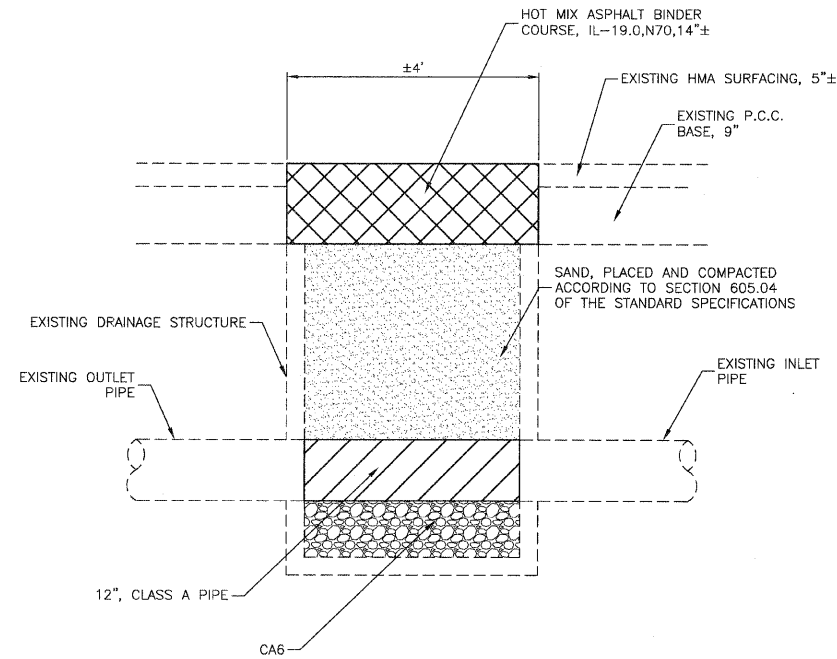


CURB & GUTTER RESTORATION DETAIL

* PAID AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)

NOTES:

1. PROPOSED 3/4" PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS (INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER, TYPE B-6.12 (SPECIAL)).
2. SUITABLE BACKFILL MATERIAL PER SECTION 204 (INCLUDED IN THE COST COMBINATION CURB AND GUTTER, TYPE B-6.12 (SPECIAL)).
3. SIDEWALK, DRIVEWAY PAVEMENT SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- *4. LONGITUDINAL JOINT TIE BARS SHALL BE NO 6 AT 24" C-C IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN IN STANDARD 420001.



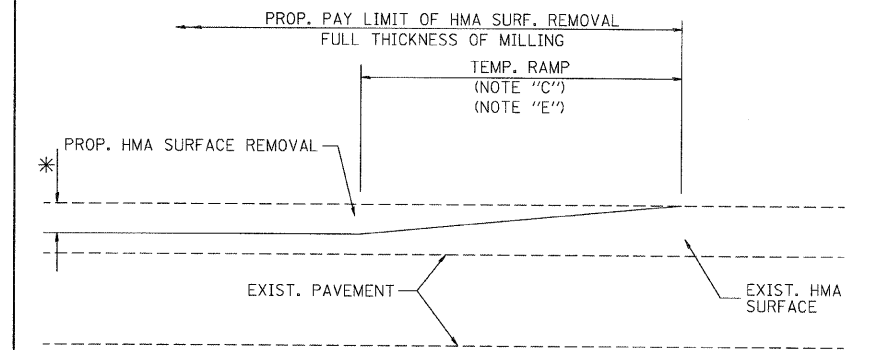
CATCH BASIN TO BE FILLED TO MAINTAIN FLOW

NOTE:

1. THE EXISTING DRAINAGE STRUCTURES SHALL BE CLEARED OF DEBRIS PRIOR TO FILLING STRUCTURE.

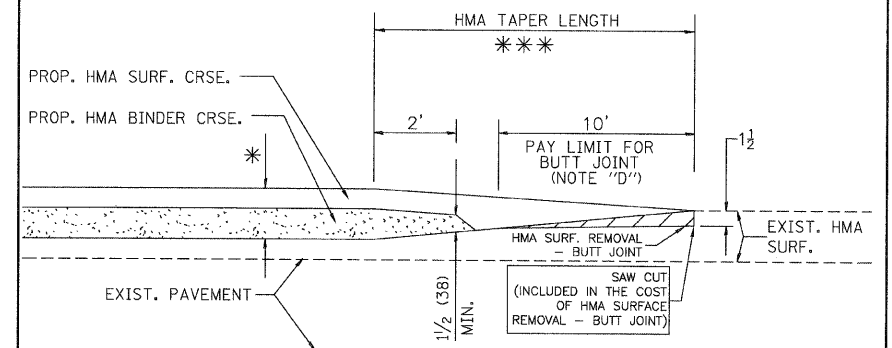
CONSTRUCTION SEQUENCE:

1. REMOVE EXISTING FRAME AND LID.
2. CLEAN EXISTING CB OF ALL DEBRIS.
3. PLACE CA 6 FROM BOTTOM OF STRUCTURE TO INVERT OF INFLOW AND OUTFLOW PIPES.
4. PLACE ± 4' LONG 12" PIPE, TAKING CARE TO LINE UP THE EXISTING INFLOW AND OUTFLOW INVERTS.
5. PLACE A COLLAR USING CLASS SI CONCRETE AROUND THE END OF THE PIPES TO THE SATISFACTION OF THE RESIDENT ENGINEER.
6. PLACE SAND ACCORDING TO ARTICLE 605.04 OF THE STANDARD SPECIFICATIONS IN THE EXISTING STRUCTURE.
7. PLACE HOT MIX ASPHALT BINDER COURSE, IL-19, N70, ±14" AND COMPACT ACCORDING TO SECTION 442 OF STANDARD SPECIFICATION.



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

TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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")

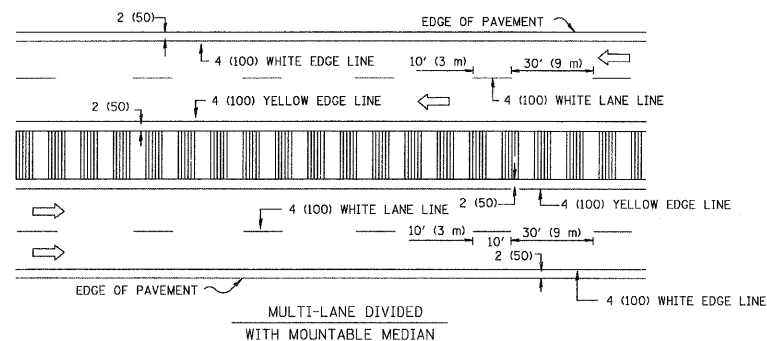
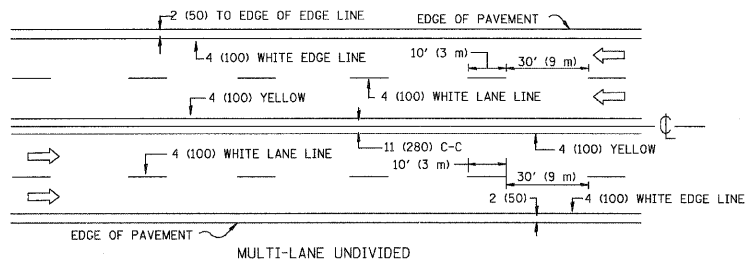
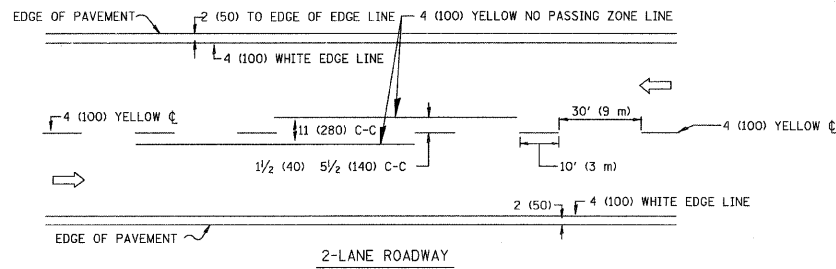
BASIS OF PAYMENT:

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".

FILE NAME = 11556-DTLS-07 - DTLS P01	USER NAME =	DESIGNED -- RJW	REVISED --
		CHECKED -- ER	REVISED --
	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 12-07-11	CHECKED -- AG	REVISED --

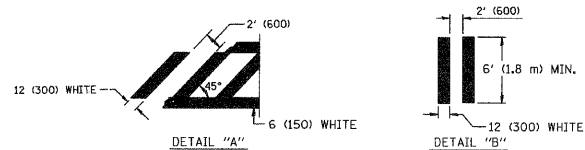
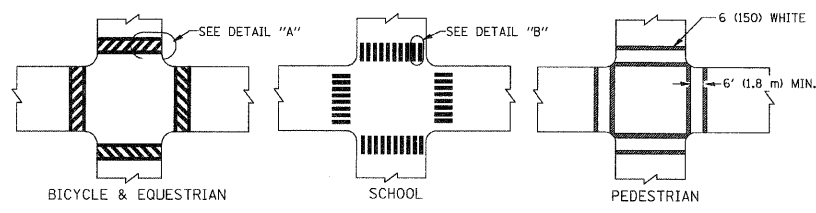
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING TORRENCE AVENUE TO STATE-LINE ROAD CONSTRUCTION DETAILS		F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 21
SCALE: NONE	SHEET NO. 21 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 63693		
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (907)		

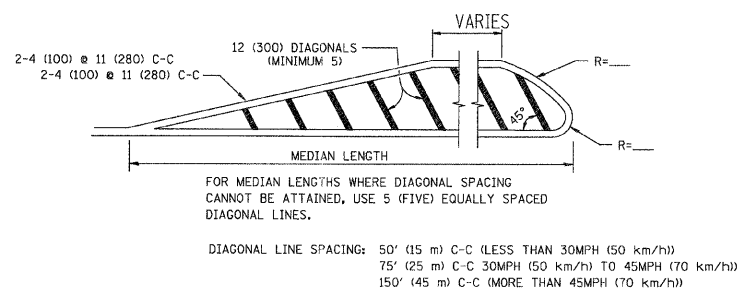
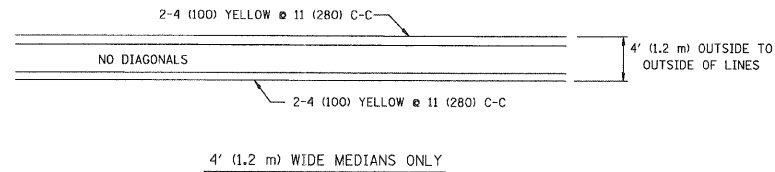


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

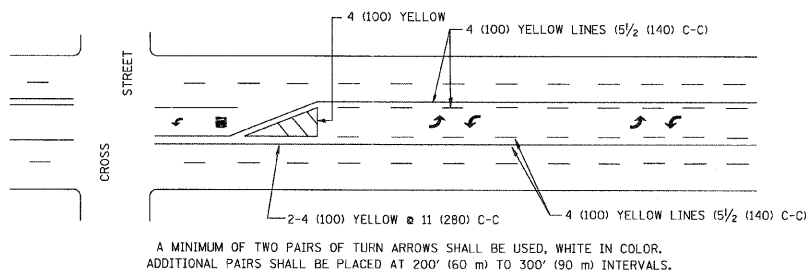
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

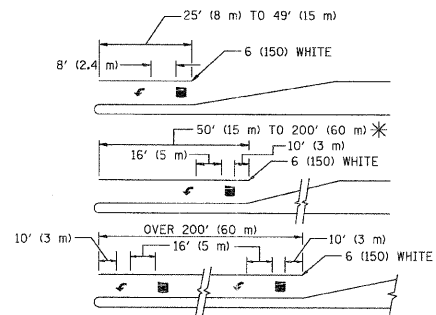
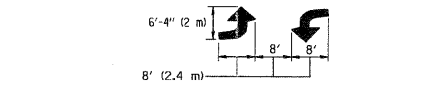


MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

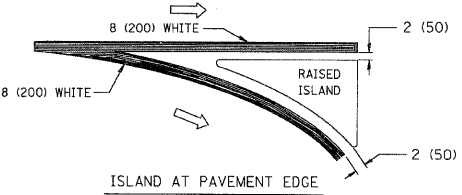
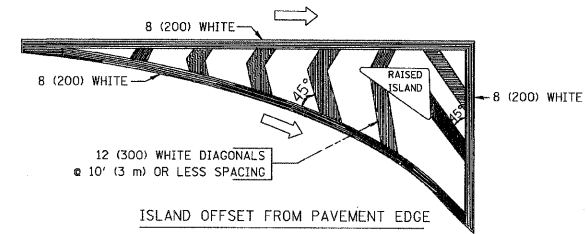
MEDIAN WITH TWO-WAY LEFT TURN LANE



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 FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 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 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 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) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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 = 11556-DTLS-01 - TC-13

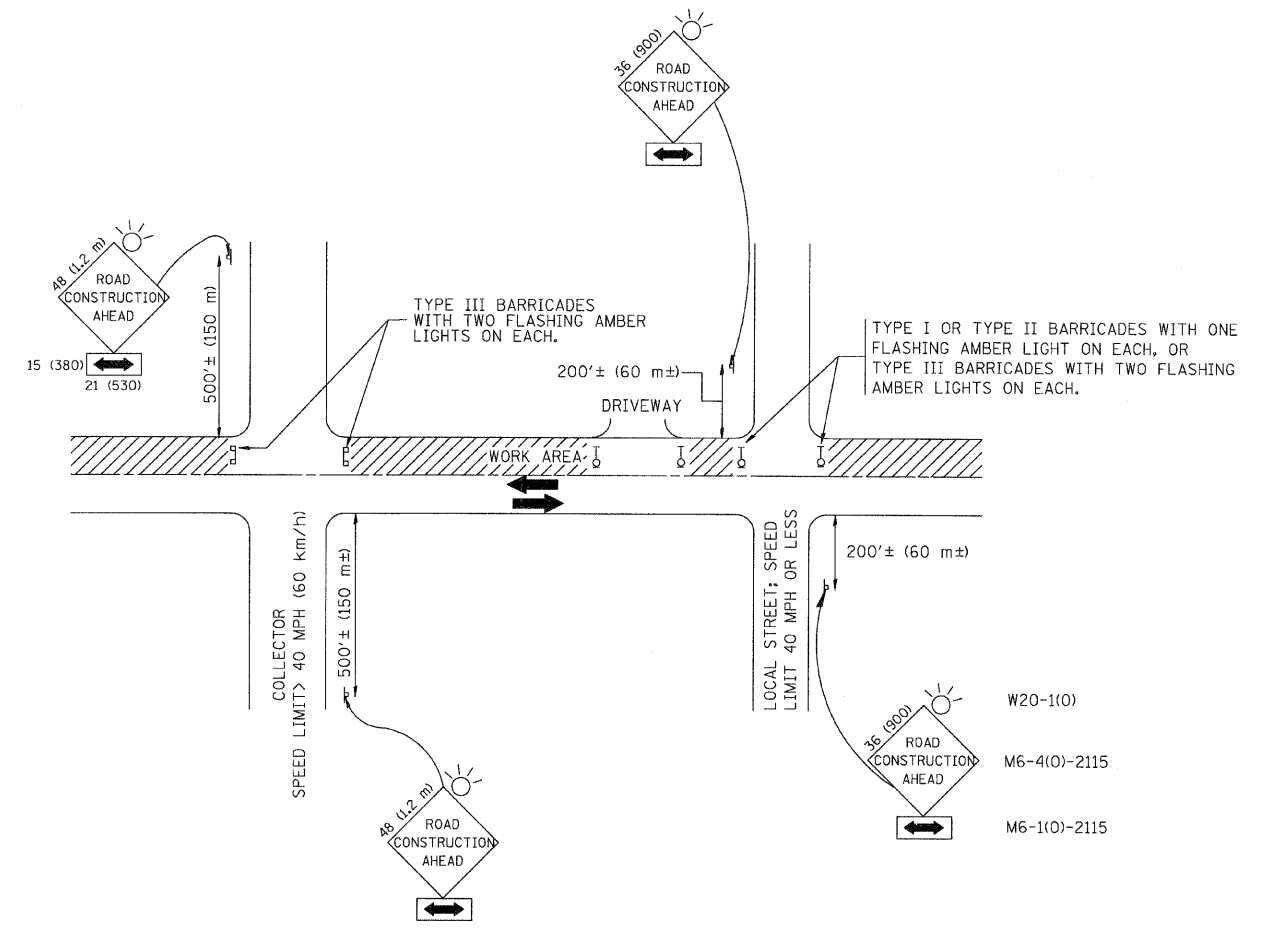
USER NAME = drivakosgn	DESIGNED -- EVERS	REVISED -- T. RAMMACHER 10-27-94
PLOT SCALE = 50.000' / IN.	CHECKED --	REVISED -- C. JUCIUS 09-09-09
PLOT DATE = 9/9/2009	DRAWN --	REVISED --
	CHECKED -- 03-19-90	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIBLEY BOULEVARD RESURFACING
TORRENCE AVENUE TO STATE-LINE ROAD
IDOT DISTRICT DETAILS

SCALE: NONE SHEET NO. 22 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	22
TC-13			CONTRACT NO. 63693	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				



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

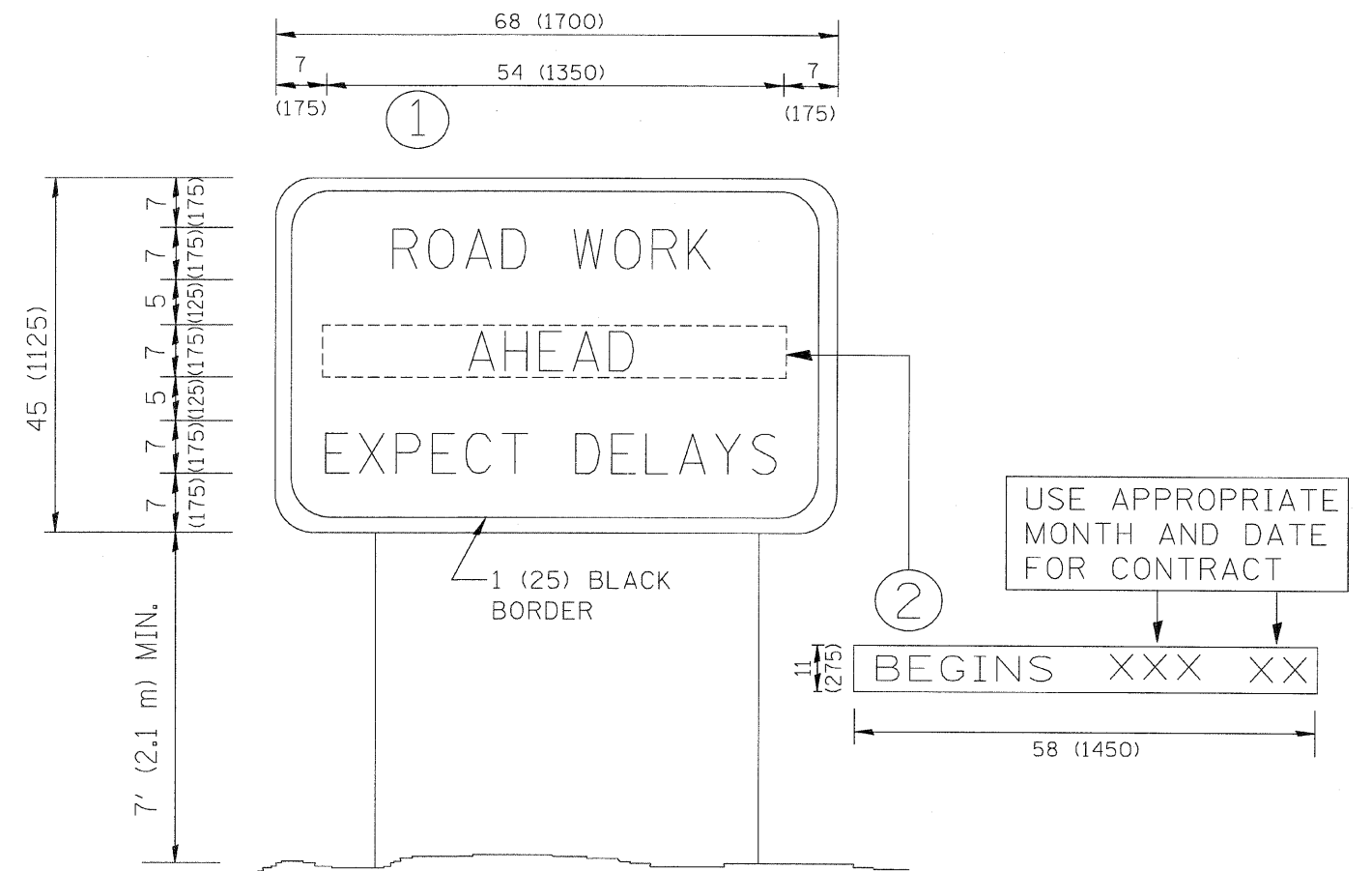
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER 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.

FILE NAME = 11556-DTL8-03 - TC-10	USER NAME = geglianobt	DESIGNED -- LHA	REVISED -- J. OBERLE 10-18-95
		CHECKED --	REVISED -- A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	DRAWN --	REVISED -- A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	CHECKED -- 06-89	REVISED -- T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		3787	11-00151-00-RS	COOK	27	23
SCALE:		SHEET NO. 23 OF 27 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (907)	



NOTES:

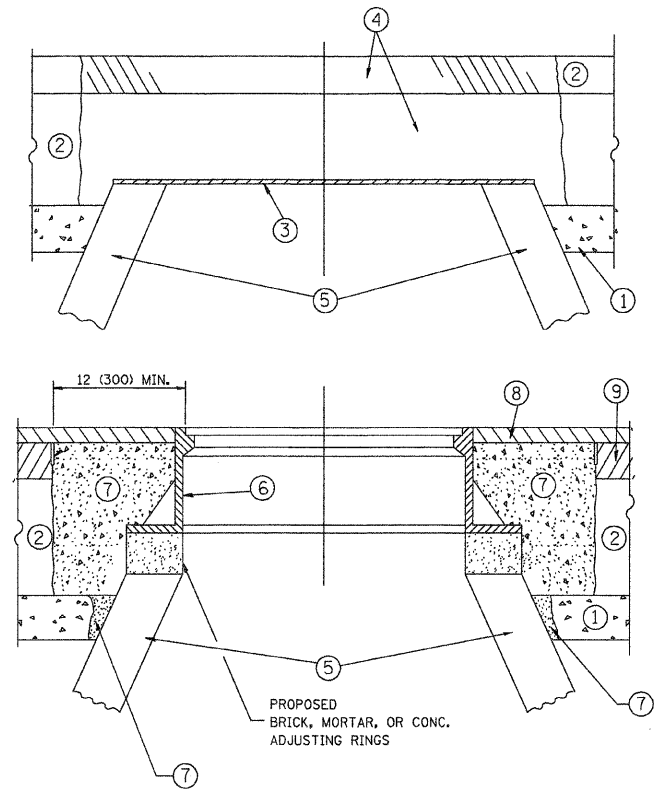
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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 = 11556-DTLS-04 - TC-22	USER NAME = geglienobt	DESIGNED --	REVISED -- R. MIRS 09-15-97
		CHECKED --	REVISED -- R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	DRAWN --	REVISED -- J. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	CHECKED --	REVISED -- C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET NO. 24 OF 27 SHEETS		STA. TO STA.	
		F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27 SHEET NO. 24
TC-22				CONTRACT NO. 63693	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)					



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

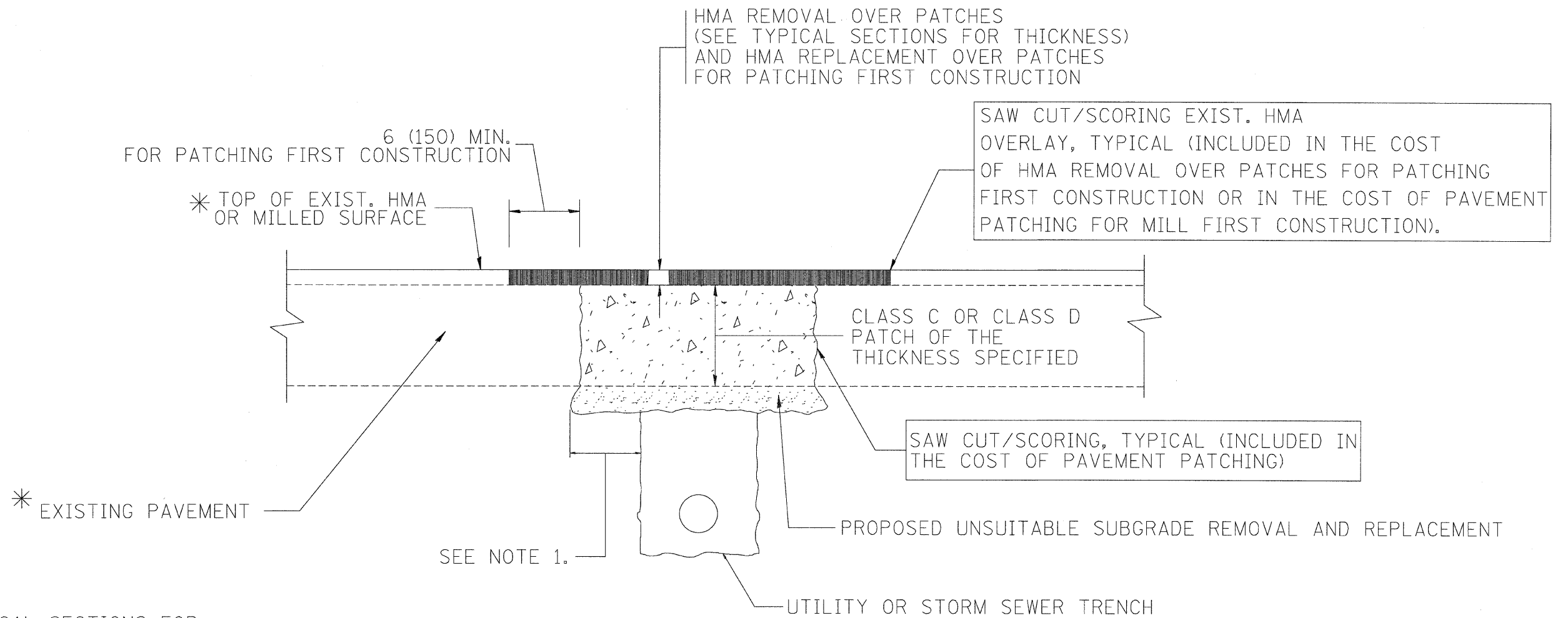
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = 11556-DT19-05 - BD-08	USER NAME = bauerdl	DESIGNED -- R. SHAH	REVISED -- R. WIEDEMAN 05-14-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING		F.A.U. RTE. 3787	SECTION 11-00151-00-RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 25		
	PLOT SCALE = 1/8" = 1'-0"	CHECKED --	REVISED -- R. BORO 01-01-07		SCALE:	SHEET NO. 25 OF 27 SHEETS	STA. TO STA.	BD600-03 (BD-8)		CONTRACT NO. 636893			
	PLOT DATE = 12/6/2011	DRAWN --	REVISED -- R. BORO 03-09-11		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (907)						
		CHECKED -- 10-25-94	REVISED -- R. BORO 12-06-11										



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

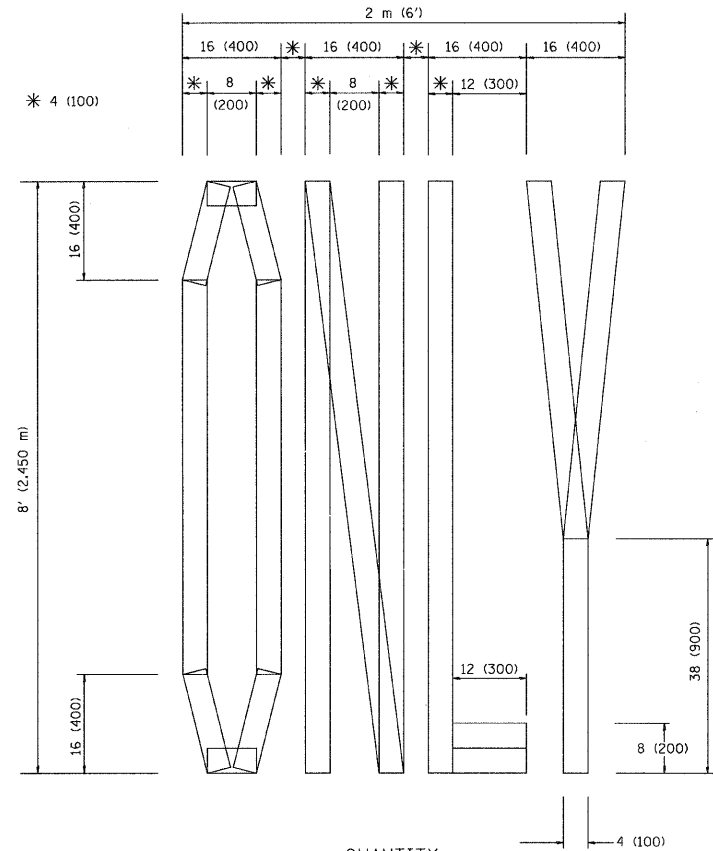
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

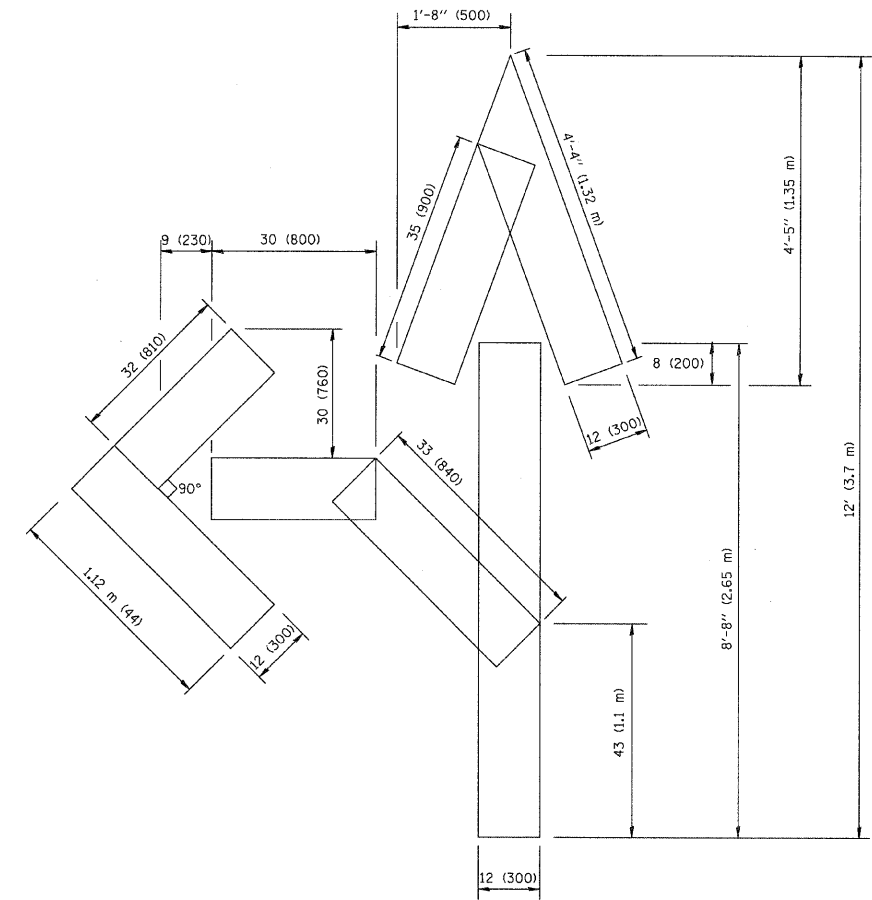
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

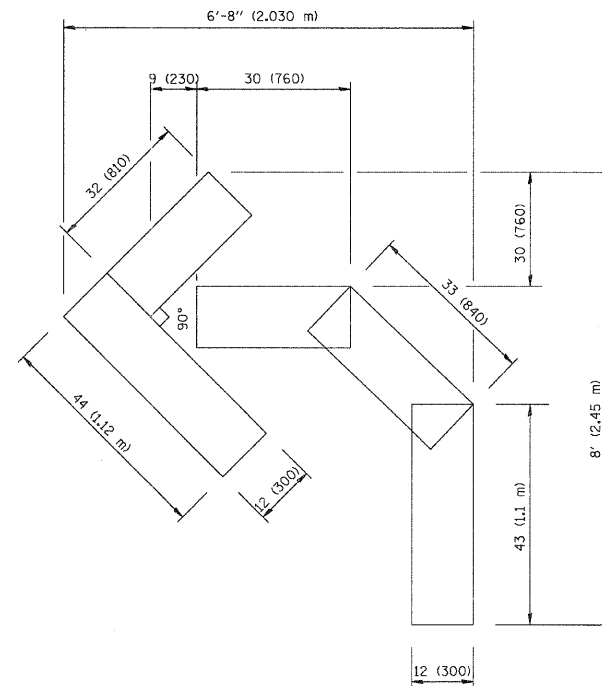
FILE NAME = 11556-DTLS-06 - BD-22	USER NAME = bauerdl	DESIGNED -- R. SHAH	REVISED -- A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN --	REVISED -- R. BORO 01-01-07			3787	11-00151-00-RS	COOK	27	26
	PLOT DATE = 12/27/2008	CHECKED -- 10-25-94	REVISED -- R. BORO 09-04-07			BD400-04 (BD-22)		CONTRACT NO. 63693		
			REVISED -- K. ENG 10-27-08			FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT M-9003 (907)		
SCALE: SHEET NO. 26 OF 27 SHEETS STA. TO STA.										



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 = 11556-DTLS-08 - TC-16	USER NAME = geglennobt	DESIGNED —	REVISED —T. RAMMACHER 06-05-96
		CHECKED —	REVISED —T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000 "/ IN.	DRAWN —	REVISED —T. RAMMACHER 03-02-98
	PLOT DATE = 1/14/2008	CHECKED — 09-18-94	REVISED —E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3787	11-00151-00-RS	COOK	27	27
TC-16			CONTRACT NO. 63693	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (907)				

SCALE: SHEET NO. 27 OF 27 SHEETS STA. TO STA.