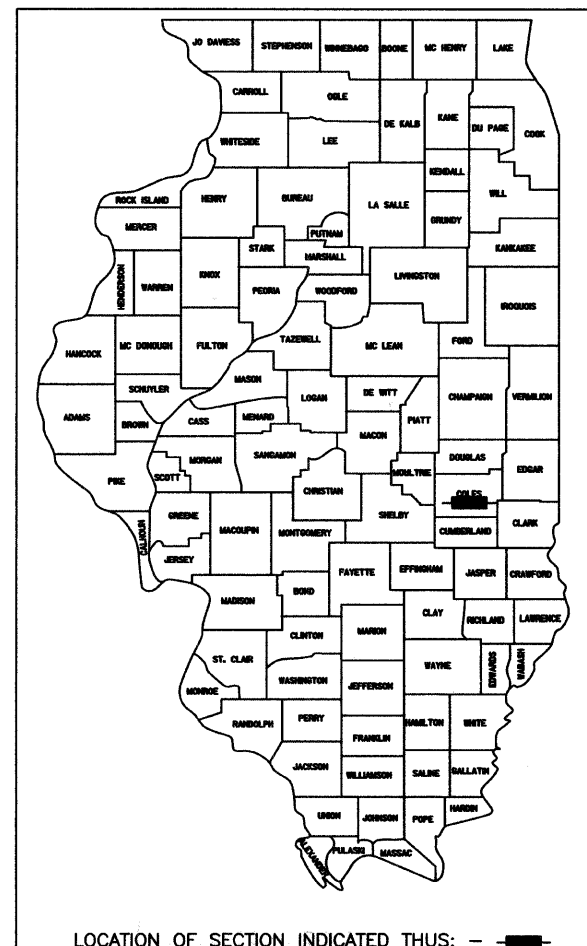


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED  
HIGHWAY PLANS

FAU ROUTES 7622, 7623, & 7648  
SECTION 09-00092-00-RS  
PROJECT # ARA - 5013(017)  
COLES COUNTY  
JOB # C-97-033-10



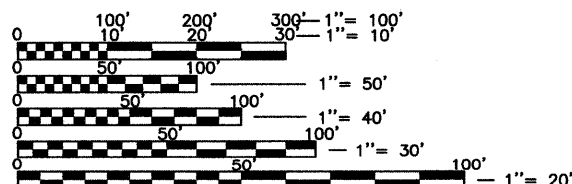
LOCATION OF SECTION INDICATED THUS: - - -

INDEX OF SHEETS

- 1. COVER
- 2. SUMMARY OF QUANTITIES
- 3. MIXTURE REQUIREMENTS
- 4.-7. TYPICAL CROSS SECTIONS
- 8.-9. SCHEDULE OF QUANTITIES

LIST OF STANDARDS

- 442201-03
- 701301-03
- 701311-03
- 701501-05
- 701901-01
- 780001-02
- BLR 22

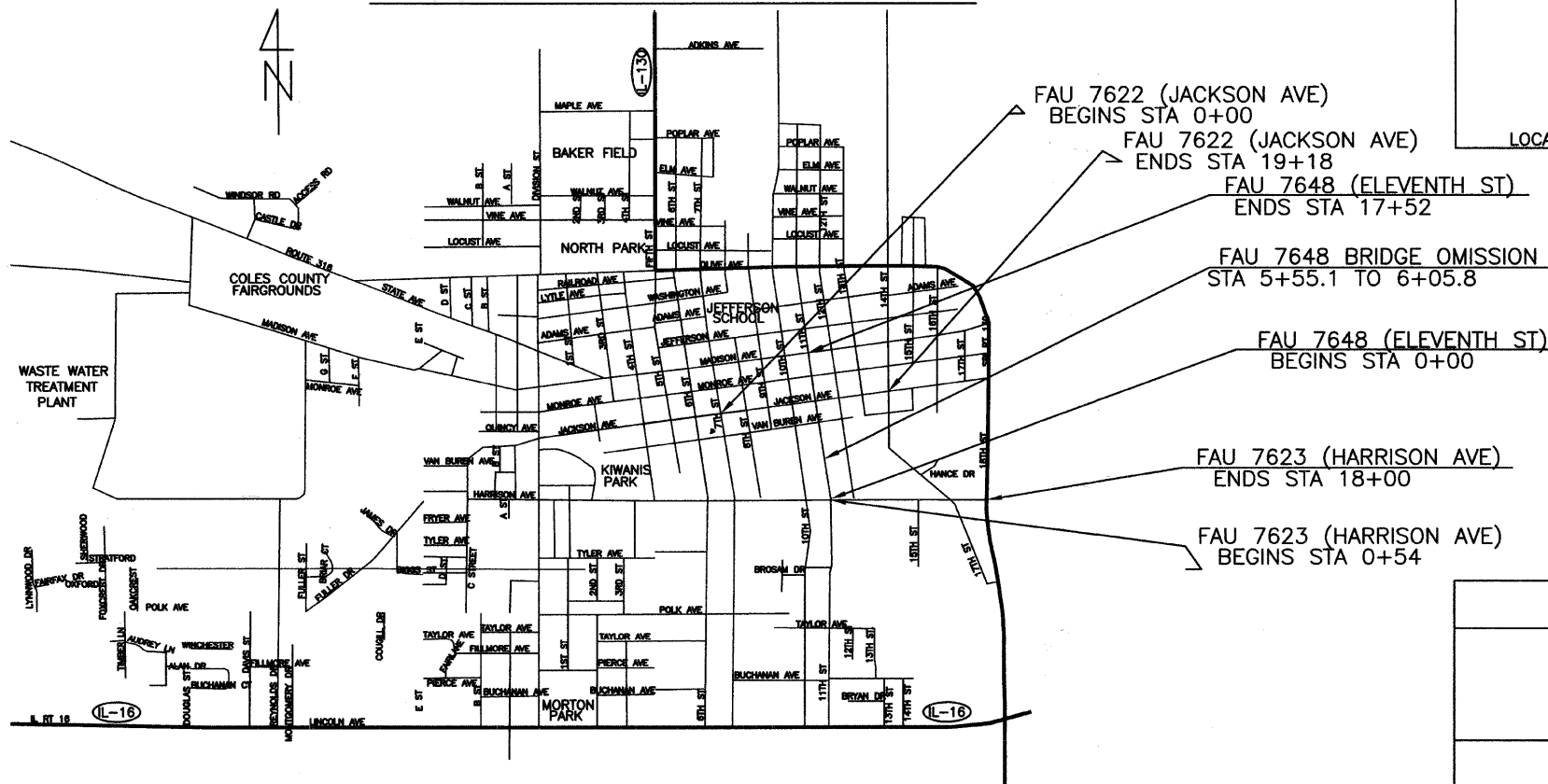


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 95618

CITY OF CHARLESTON



*C. J. Buescher*  
EXPIRES 11/30/2011  
City of Charleston, IL  
520 Jackson Avenue  
Charleston, IL 61920

CITY OF CHARLESTON, IL

Approved 1/15 2010  
*C. J. Buescher*  
CITY OF CHARLESTON, PUBLIC WORKS DIRECTOR

Passed 1/19 2010  
*Maureen K. Koval*  
DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS  
Releasing for Bid  
Based on Limited  
Review 1/19 2010  
*Rogan L. Ditchell*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER

Project Length = 5,495 feet (1.04 miles)  
11TH ST BRIDGE OMISSION STA 5 + 55.1 TO 6 + 05.8

# SUMMARY OF QUANTITIES

Construction Type Code: **I1000-3A**

Code No.	Item	Unit	Total Quantity
40200800	Aggregate Surface Course, Type B	Ton	14.00
40600100	Bituminous Materials (Prime Coat)	Gallon	1,667.00
40600300	Aggregate (Prime Coat)	Ton	16.60
40600990	Temporary Ramp	Sq. Yd.	202.60
40600635	Level Binder Machine Method N70	Ton	740.00
40603315	Hot-Mix Asphalt Surface Course Mix "C" N70	Ton	1,565.00
40800010	Bituminous Materials (Prime Coat)	Gallon	69.10
40800030	Aggregate (Prime Coat)	Ton	2.00
40800050	Incidental Hot-Mix Asphalt Surfacing	Ton	96.80
44000157	Hot-Mix Asphalt Surface Removal, 2"	Sq. Yd.	10,746.00
44000159	Hot-Mix Asphalt Surface Removal, 2 1/2"	Sq. Yd.	1,701.00
44000196	Hot-Mix Asphalt Surface Removal, Special	Sq. Yd.	691.00
44000198	Hot-Mix Asphalt Surface Removal Variable Depth	Sq. Yd.	751.00
44201753	Class D Patches, Type II, 9 Inch	Sq. Yd.	9.30
44201815	Class D Patches, Type II, 14 inch	Sq. Yd.	23.60
56109210	Water Valves To Be Adjusted	Each	11.00
60255500	Manholes to be Adjusted	Each	26.00
67100100	Mobilization	L. Sum	1.00
70101700	Traffic Control and Protection	L. Sum	1.00
70102620	Traffic Control and Protection, Standard 701501	L. Sum	1.00
70300100	Short - Term Pavement Marking	Foot	700.00
* 78000200	Thermoplastic Pavement Marking - Line 4"	Foot	500.00
* 78000400	Thermoplastic Pavement Marking - Line 6"	Foot	250.00
* 78000650	Thermoplastic Pavement Marking - Line 24"	Foot	38.00
X0322468	Gas Valve to be Adjusted	Each	2.00

\* SPECIALTY ITEMS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	COLES	9	3

## MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

### Surface Course (1 1/2") - Harrison Avenue

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-9.5  
 Friction Aggregate: Mixture D

### Class D Patches (9") - Harrison Avenue

Application: Hot-Mix Asphalt Binder Course, IL-19.0, N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-19.0  
 Friction Aggregate: Mixture N/A

### Surface Course (1 1/2") - Jackson Avenue

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-9.5  
 Friction Aggregate: Mixture C

### Surface Course (2") - Eleventh Street

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-9.5  
 Friction Aggregate: Mixture C

### Level Binder (1") - Harrison Avenue

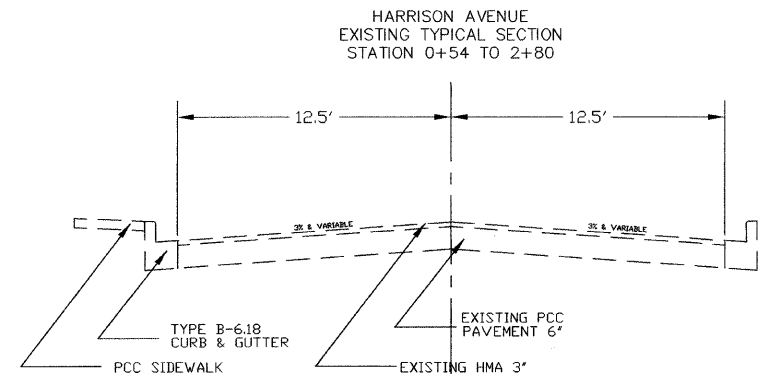
Application: Hot-Mix Asphalt Surface Course, Mix "C" N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-9.5  
 Friction Aggregate: Mixture C

### Level Binder (1") - Jackson Avenue

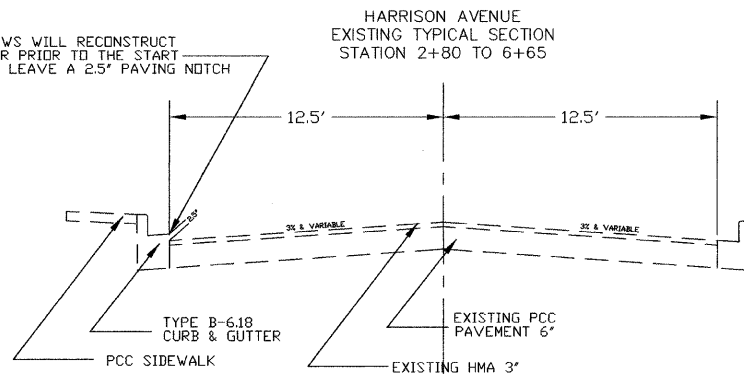
Application: Hot-Mix Asphalt Binder Course, IL-19.0, N70  
 PG Grade: PG 64-22  
 Design Air Voids: 4.0% @ Ndesign = 70  
 Mixture Composition: IL-19.0  
 Friction Aggregate: Mixture N/A

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-R5	COLES	9	4

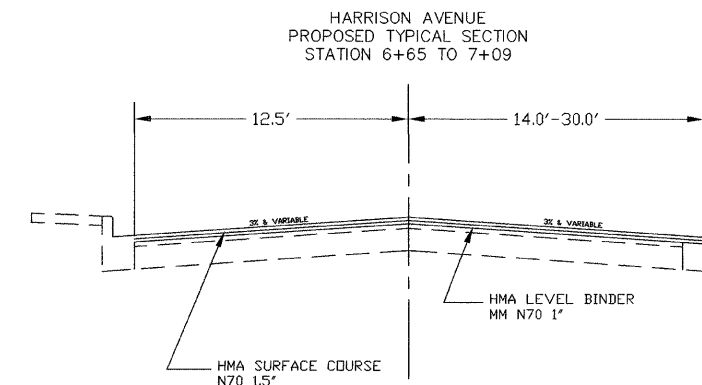
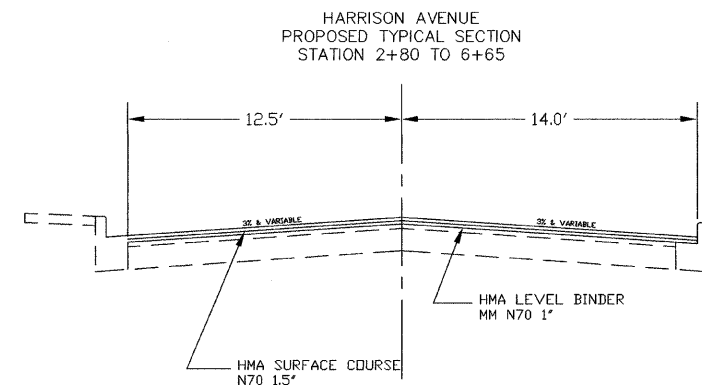
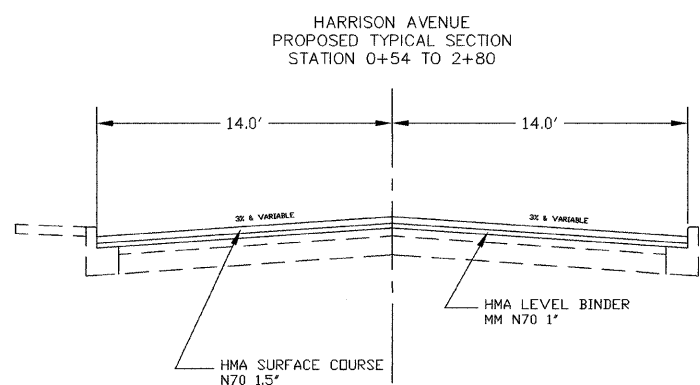
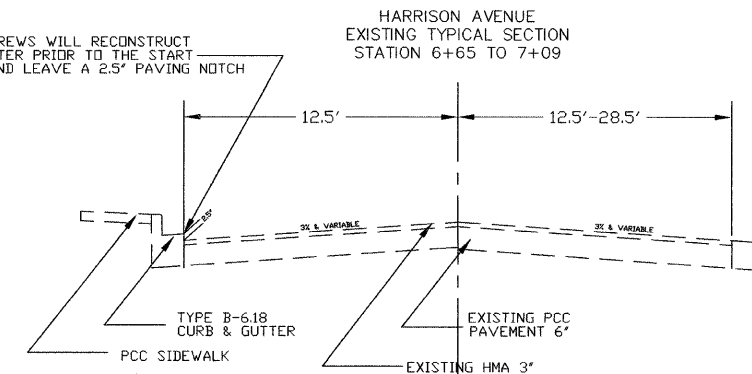
# EXISTING AND PROPOSED TYPICAL CROSS SECTIONS



NOTE: CITY CREWS WILL RECONSTRUCT CURB AND GUTTER PRIOR TO THE START OF THE JOB AND LEAVE A 2.5" PAVING NOTCH

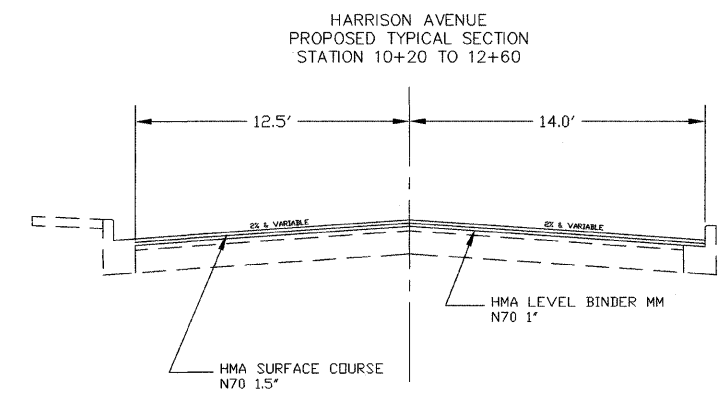
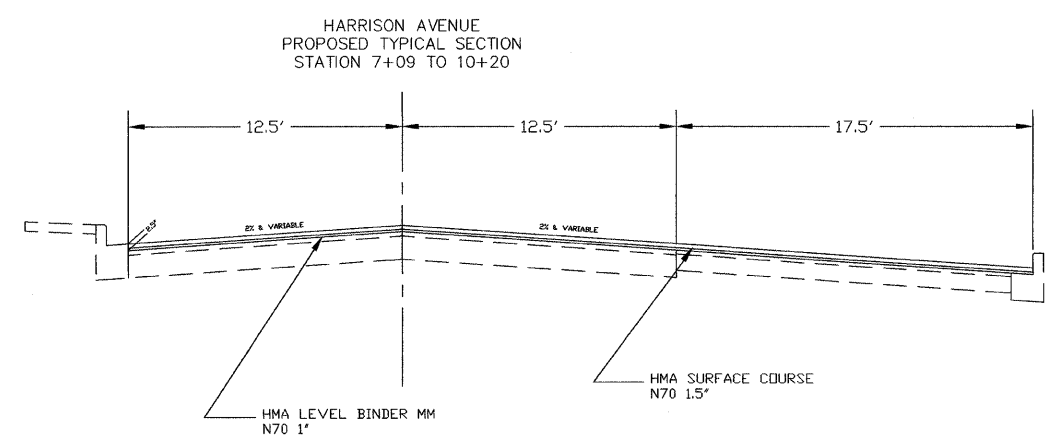
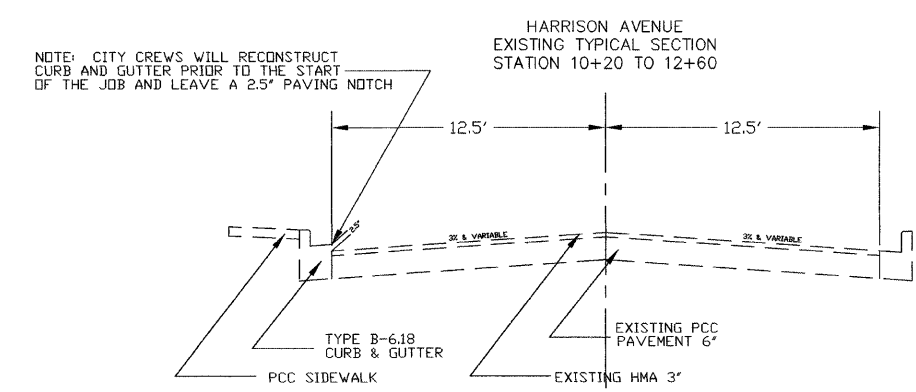
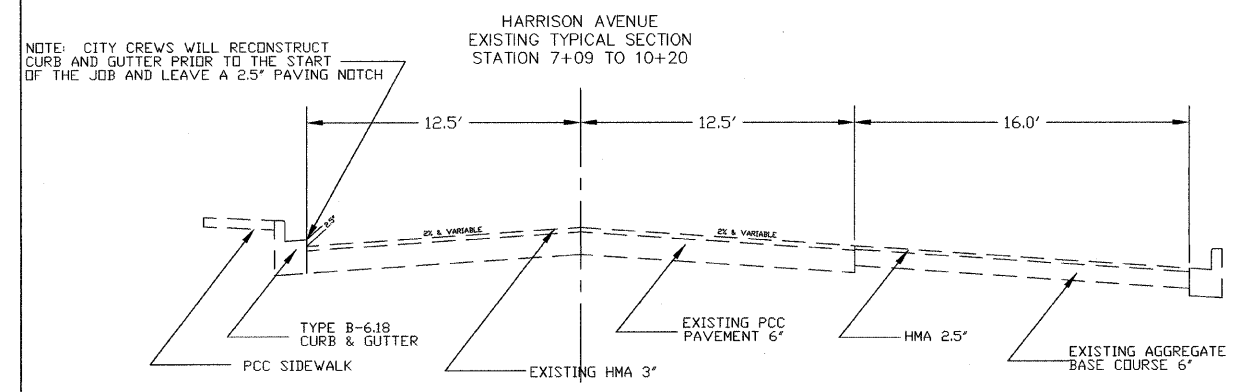


NOTE: CITY CREWS WILL RECONSTRUCT CURB AND GUTTER PRIOR TO THE START OF THE JOB AND LEAVE A 2.5" PAVING NOTCH



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	COLES	9	5

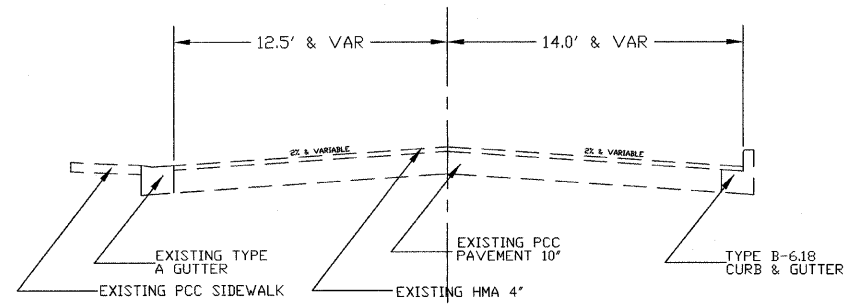
# EXISTING AND PROPOSED TYPICAL CROSS SECTIONS



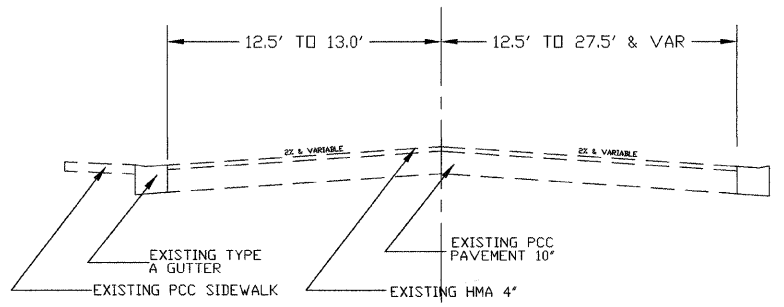
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	COLES	9	6

# EXISTING AND PROPOSED TYPICAL CROSS SECTIONS

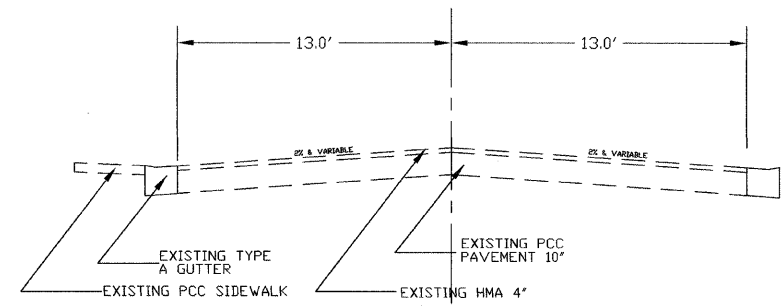
HARRISON AVENUE  
EXISTING TYPICAL SECTION  
STATION 12+60 TO 14+45



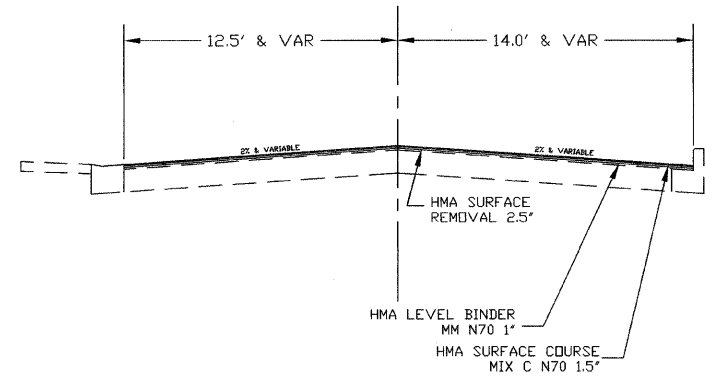
HARRISON AVENUE  
EXISTING TYPICAL SECTION  
STATION 14+45 TO 16+50



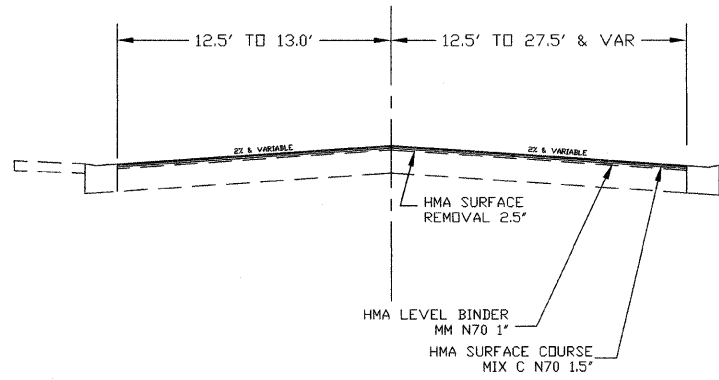
HARRISON AVENUE  
EXISTING TYPICAL SECTION  
STATION 16+50 TO 18+00



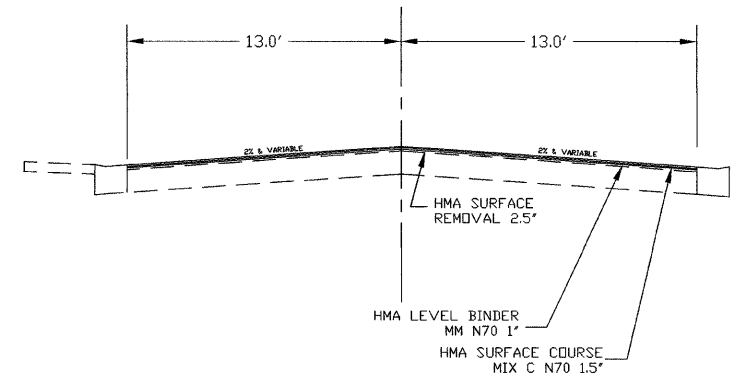
HARRISON AVENUE  
PROPOSED TYPICAL SECTION  
STATION 12+60 TO 14+45



HARRISON AVENUE  
PROPOSED TYPICAL SECTION  
STATION 14+45 TO 16+50



HARRISON AVENUE  
PROPOSED TYPICAL SECTION  
STATION 16+50 TO 18+00



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	COLES	9	7

# EXISTING AND PROPOSED TYPICAL CROSS SECTIONS

