

R. R. X-ING - W. CHICAGO E. OF CENTRAL

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 1996 STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS

IN CO-OPERATION WITH
MICHIGAN DEPARTMENT OF TRANSPORTATION
AND
FEDERAL HIGHWAY ADMINISTRATION

FEDERAL AID URBAN PROJECT NO. MICHIGAN RRP 2000 (294)
CONTROL SECTION RRP 82022 JOB NO. 28162
FEDERAL ITEM-NA 679

F.H.W.A. REGION	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MICH				
STREET	CITY	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS

TRAFFIC COUNT WEST CHICAGO AVE.
AT R.R. CROSSING

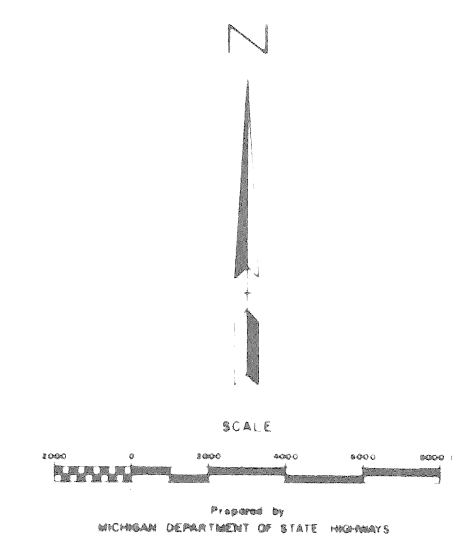
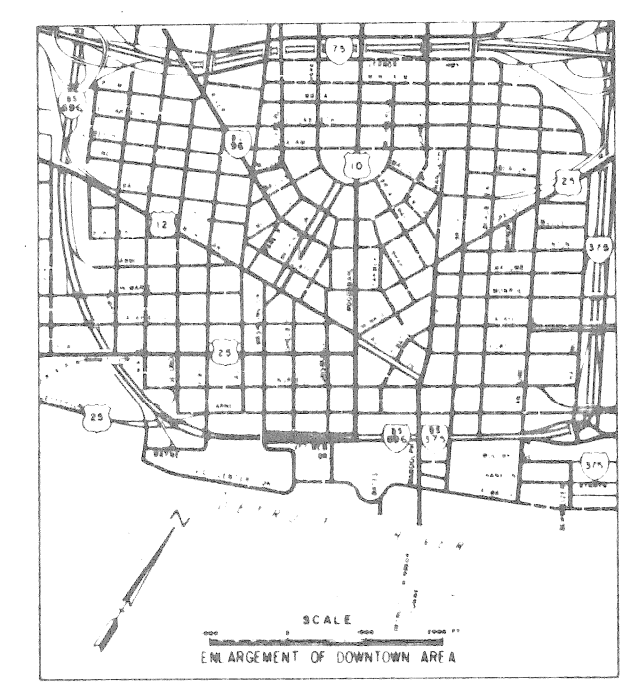
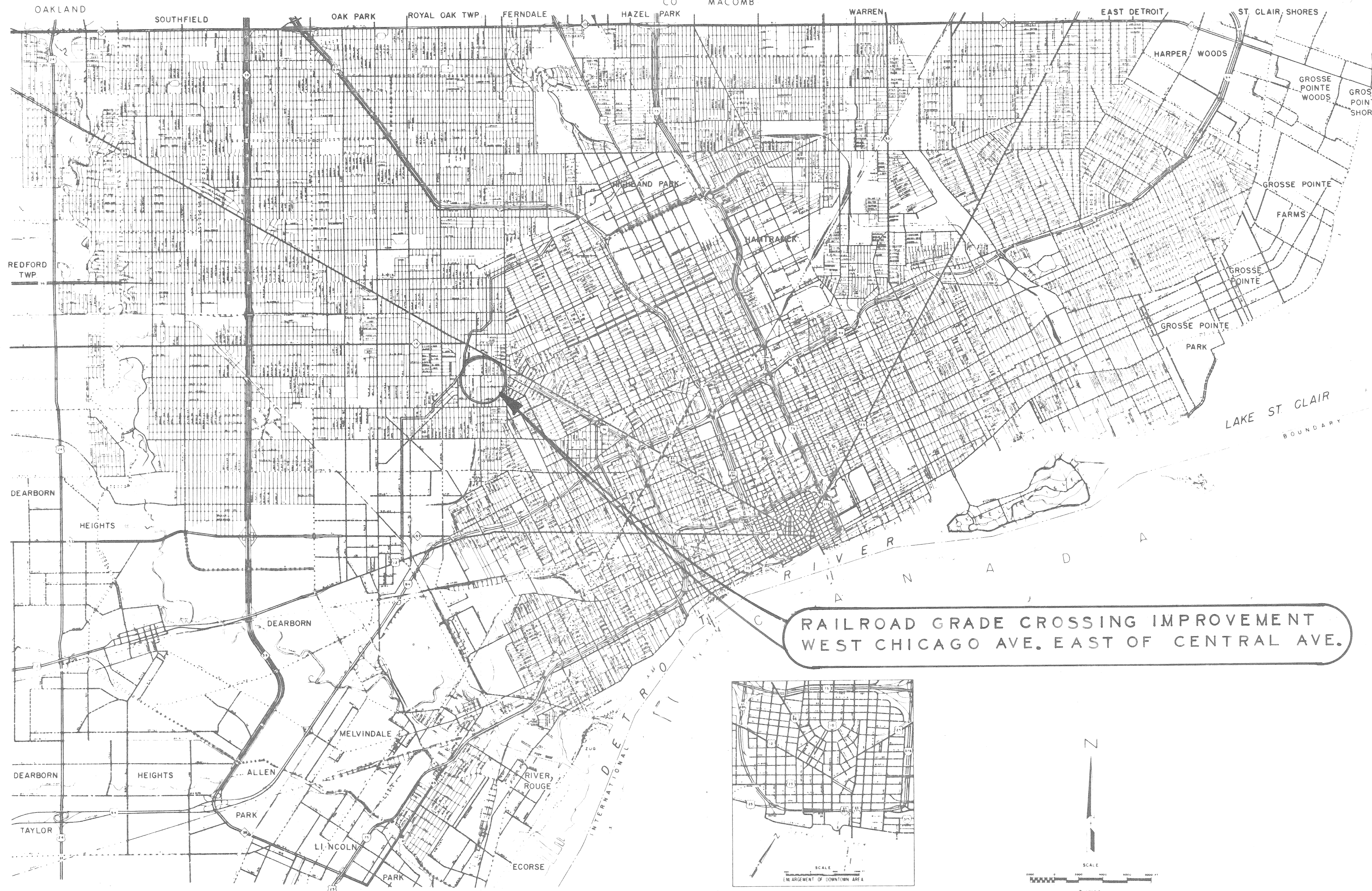
DESIGN SPEED 35 MPH
POSTED SPEED 30 MPH
ADT (1992) 1,500

INDEX OF SHEETS

- TITLE SHEET
- PAVING PLAN
- QUANTITY SHEET

STANDARD PLANS

- II-280
- II-29E
- II-39K
- II-40G
- II-41G
- II-43D
- II-45F
- V-96C
- VI-125H



ITEM NO. _____

CONTRACT FOR G, DS, P, & UTILITIES

LOCAL AUTHORITY APPROVAL
CITY OF DETROIT
CITY ENGINEERING DEPARTMENT

APPROVED BY _____ DEPUTY DIRECTOR DATE _____

APPROVED BY C. K. Hopkins DIRECTOR DATE 1-31-92

PREPARED UNDER SUPERVISION OF
William R. Talley REGISTERED PROFESSIONAL ENGINEER REGISTRATION NO. 26185

CITY OF DETROIT
ORGANIZATION

DETROIT, MICHIGAN
ADDRESS

(SEAL)
WILLIAM L. TALLEY
ENGINEER
No. 26185

FILE NO.	STATE	FEDERAL	SHEET
NO. 350	PROJECT	PROJECT	NO.
ST-NCIL			

RRP 2000 (294), CONTROL SECTION RRP 82022, JOB NUMBER 28162, FEDERAL ITEM NA 679

BITUMINOUS APPLICATION CHART

ITEM	RATE OF APPLICATION	ESTIMATED THICKNESS	ASPHALT PENETRATION
Bituminous Mix No. 1300L, 20AAA	150 #/S.Y.	1 1/2 inches	85-100
Bituminous Mix No. 1300T, 20AAA	150 #/S.Y.	1 1/2 inches	85-100

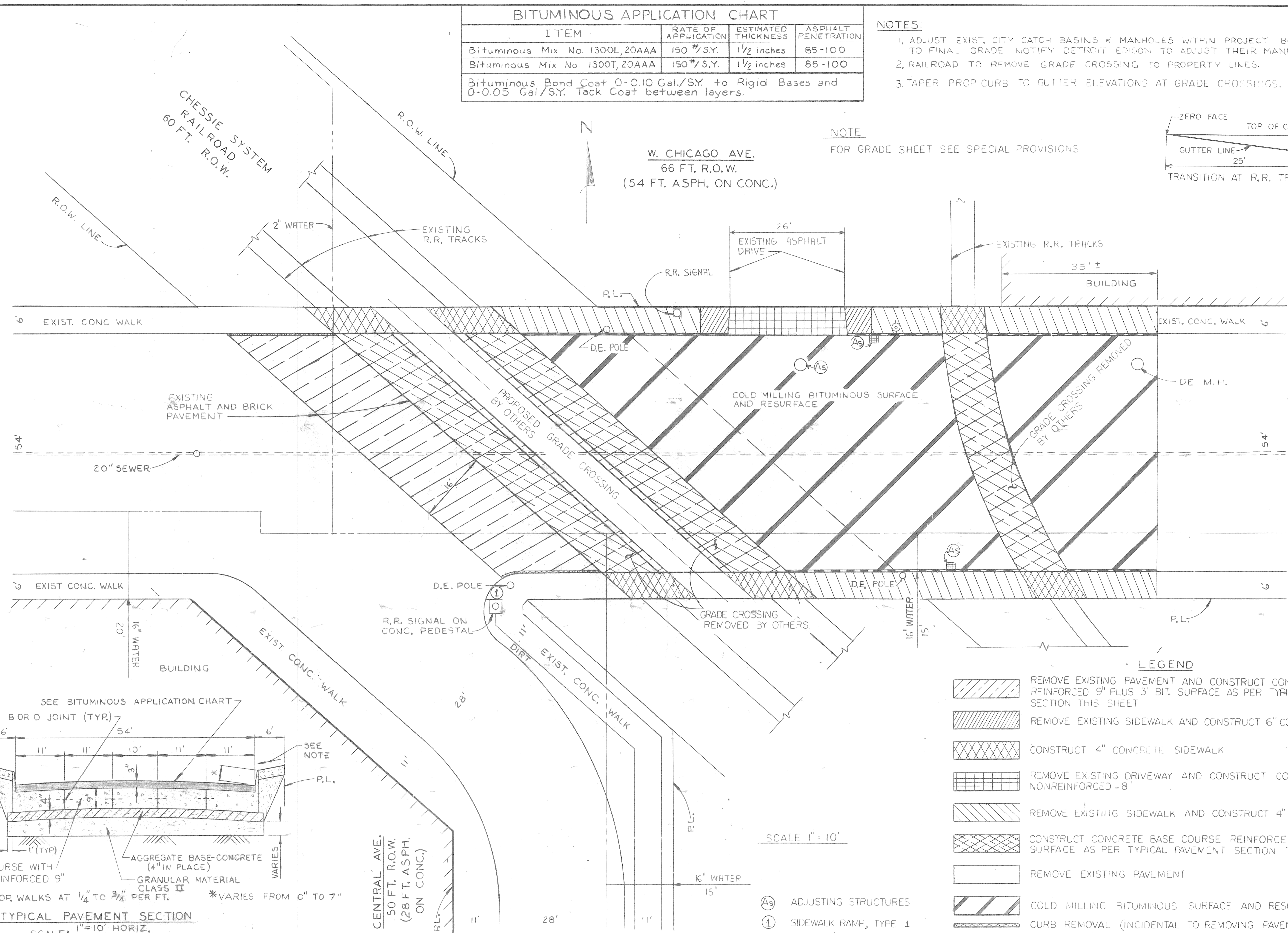
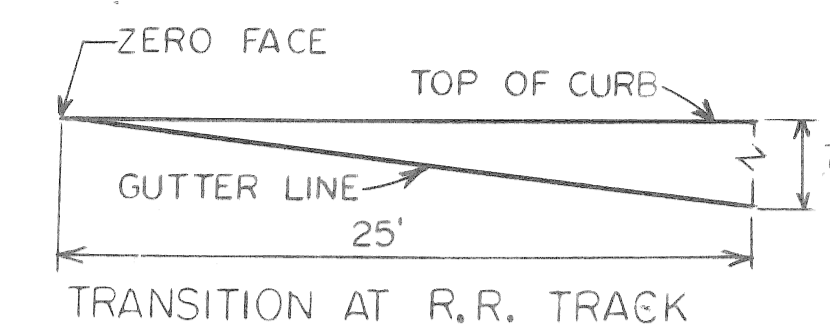
Bituminous Bond Coat 0-0.10 Gal./S.Y. to Rigid Bases and 0-0.05 Gal./S.Y. Tack Coat between layers.

NOTES:

- ADJUST EXIST. CITY CATCH BASINS & MANHOLES WITHIN PROJECT BOUNDS TO FINAL GRADE. NOTIFY DETROIT EDISON TO ADJUST THEIR MANHOLE.
- RAILROAD TO REMOVE GRADE CROSSING TO PROPERTY LINES.
- TAPER PROP CURB TO GUTTER ELEVATIONS AT GRADE CROSSINGS.

NOTE

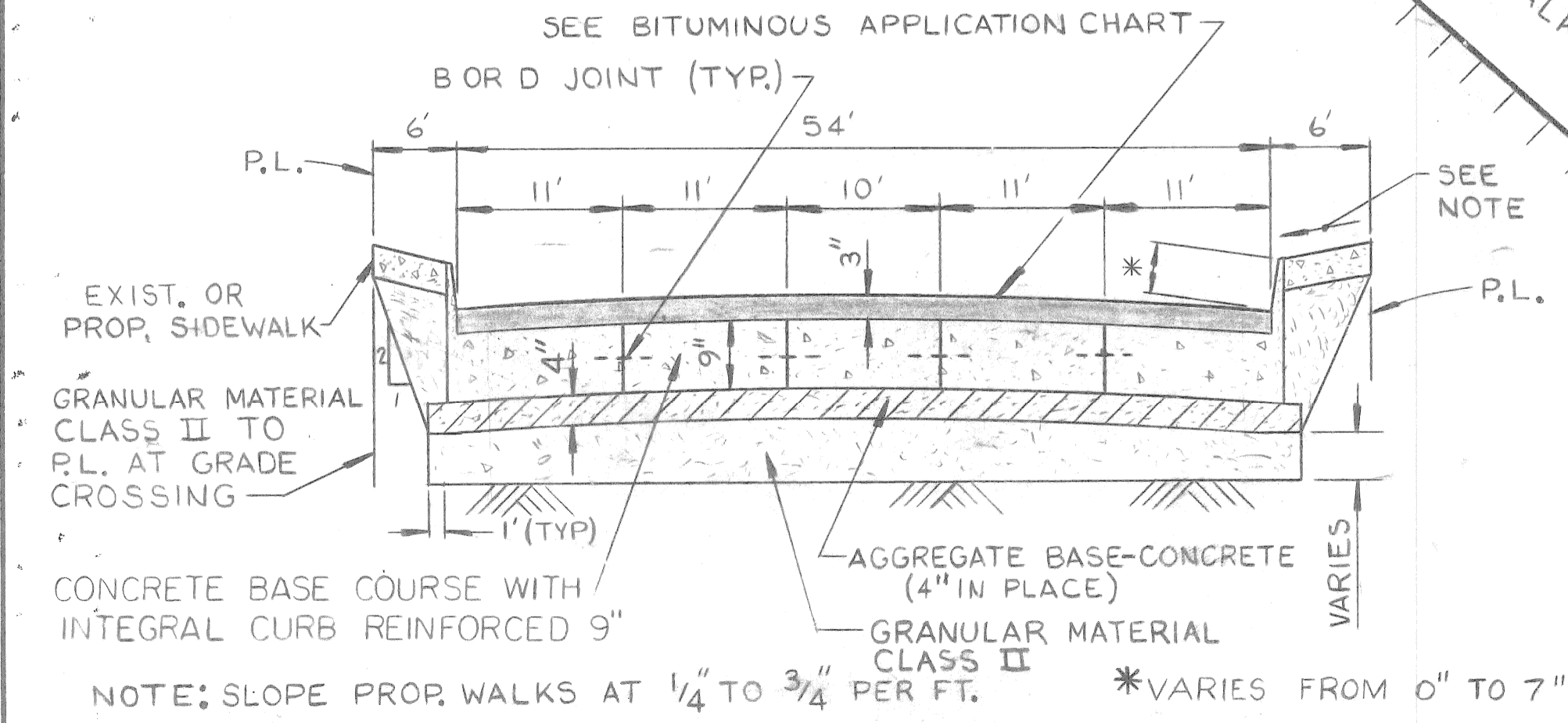
FOR GRADE SHEET SEE SPECIAL PROVISIONS



LEGEND

- REMOVE EXISTING PAVEMENT AND CONSTRUCT CONCRETE BASE COURSE REINFORCED 9" PLUS 3" BIT. SURFACE AS PER TYPICAL PAVEMENT SECTION THIS SHEET
- REMOVE EXISTING SIDEWALK AND CONSTRUCT 6" CONCRETE SIDEWALK
- CONSTRUCT 4" CONCRETE SIDEWALK
- REMOVE EXISTING DRIVEWAY AND CONSTRUCT CONCRETE PAVEMENT, NONREINFORCED - 8"
- REMOVE EXISTING SIDEWALK AND CONSTRUCT 4" CONCRETE SIDEWALK
- CONSTRUCT CONCRETE BASE COURSE REINFORCED 9" PLUS 3" BIT. SURFACE AS PER TYPICAL PAVEMENT SECTION THIS SHEET
- REMOVE EXISTING PAVEMENT
- COLD MILLING BITUMINOUS SURFACE AND RESURFACE
- CURB REMOVAL (INCIDENTAL TO REMOVING PAVEMENT)
- REMOVE EXISTING CURB AND CONSTRUCT CONCRETE CURB DETAIL CD

TYPICAL PAVEMENT SECTION



SCALE: 1" = 10' HORIZ.
1" = 20' VERT.

<p>DESIGNED BY: N. H.</p> <p>DRAWN BY: A. B.</p> <p>TRACED BY:</p> <p>CHECKED BY: N. W.</p>		<p>APPROVED: <i>William B. Kelly</i></p> <p>ENGINEER OF STREETS</p> <p>HIGHWAY ENGINEER</p>		<p>CITY OF DETROIT</p> <p>CITY ENGINEERING DIVISION - D. P. W.</p> <p>BUREAU OF STREETS AND HIGHWAYS</p> <p>FOR</p> <p>MICHIGAN DEPARTMENT OF TRANSPORTATION</p>				<p>RAILROAD GRADE CROSSING IMPROVEMENT</p> <p>W. CHICAGO AVE. EAST OF CENTRAL AVE.</p> <p>PAVING PLAN</p>		<p>SHEET 2 OF 3 SHEETS</p> <p>CONTRACT NO.</p> <p>ASSIGNMENT NO. 83-22-21</p> <p>DATE MAY, 1987</p>	
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QUANTITY SHEET - E

ITEMS	AS PER PLANS												AS CONSTRUCTED													
	SHEET NO'S.													SHEET NO'S.												
	TOTALS	UNITS	PAVING PLAN											TOTALS	UNITS											
Removing Pavement	265	Sq. Yd.	265																							
Removing Curb	190	Lin. Ft.	190																							
Removing Sidewalk	120	Sq. Yd.	120																							
Earth Excavation	10	Cu. Yd.	10																							
Granular Material Class II	14	Cu. Yd.	14																							
Aggregate Base - Concrete (4" In Place)	415	Sq. Yd.	415																							
Cold-Milling Bituminous Surface (L.M.)	50	Cu. Yd.	50																							
Bituminous Mixture No. 1300L, 20AAA	30	Ton	30																							
Bituminous Mixture No. 1300T, 20AAA	76	Ton	76																							
Condition Existing Pavement	5	Ton	5																							
Concrete Pavement - Nonreinforced 8"	20	Sq. Yd.	20																							
4" Concrete Sidewalk	1467	Sq. Ft.	1467																							
6" Concrete Sidewalk	72	Sq. Ft.	72																							
Adjusting Structure Covers	3	Each	3																							
Lighted Arrow, Type A, Furnished	1	Each	1																							
Lighted Arrow, Type A, Operated	1	Each	1																							
Barricade, Type II, Lighted, Furnished	15	Each	15																							
Barricade, Type II, Lighted, Operated	10	Each	10																							
Barricade, Type III, Lighted, Furnished	24	Each	24																							
Barricade, Type III, Lighted, Operated	16	Each	16																							
Mobilization	1	Lump Sum	1																							
Sidewalk Ramp, Type I	50	Sq. Ft.	50																							
Removing Pavement (Repair)	20	Sq. Yd.	20																							
Concrete Pavement Repair, 9" Nonreinforced	20	Sq. Yd.	20																							
Concrete Base Course - Reinforced - 9" w/Integral Curb	400	Sq. Yd.	400																							
Concrete Curb, Detail "CD"	190	Lin. Ft.	190																							
Sign, Type B Temporary	174	Sq. Ft.	174																							
Thermoplastic Pavement Marking, 4", Yellow	330	Lin. Ft.	330																							
Thermoplastic Pavement Marking, 4", White	240	Lin. Ft.	240																							
Thermoplastic Pavement Marking, 24" Stop Bar	156	Lin. Ft.	156																							
Cold Plastic Pavement Marking, Railroad Symbol	12	Each	12																							