CONSTRUCTION PROCEDURES HANDBOOK

SECTION VII	SUBSECTION H-2	DATE
CONSTRUCTION COMPLETION	AS-BUILT PLANS	08-15-2024

This subsection of the Construction Procedures Handbook provides a standardized procedure and format for the preparation of AS-BUILT Plans**.** The purpose of the AS-BUILT Plans is to provide a record of the changes of Plan, Addendum and any deviation of the constructed work from the original Plans.

AS-BUILT Plans

The AS-BUILT Plans are a compilation of the advertised Plan Sheets, Addendum Plan Sheets, Change of Plan (COP) sheets and other authorized changes (See CPH Section IV Subsection A). Insert Addendum and COP sheets in front of the sheets they replace or revise (COP Plan sheets are in front of Addendum Plan sheets). Insert Plan sheets not part of the advertised set in an appropriate place.

Transpose red pencil changes shown on the Office Plans to the AS-BUILT Plans in red pencil. See CPH Section VI Subsection V. Authorized changes not covered by a Change of Plan (COP) or Addendum sheets and Addendum changes not included in Addendum sheets are to be shown in red pencil on the plan sheet where the change(s) occurred. Do not fill out the AS-BUILT Quantity column on the Estimate-Distribution of Quantities sheet.

Send completed AS-BUILT Plans to the Designer (could either be in-house or consultant) for creation of the digital plan set (See DC-155 closeout workbook document C105A or C105B).

The Designer of Record will write on the digital Key Sheet in red font “AS-BUILT” and the following paragraph with a signature block for the RE to electronically sign and date (See Attachment “A”).

“I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS PROJECT HAS BEEN CONSTRUCTED IN CONFORMITY WITH THE ORIGINAL PLANS, SPECIFICATIONS AND MODIFICATIONS, IF ANY, AS DESCRIBED IN THE APPROVED CHANGE ORDERS”.

_____ _____

RE DATE

The Designer will electronically send the completed digital AS-BUILT to the RE. The RE is to electronically sign and date the certification and return the signed as-built plans to the Designer. The Designer will then initiate the digital as-built plan submission process (ASBLT-1) in PMRS and will notify the RE once the process is complete. The Designer will also upload the completed as-built plans to the project’s “Construction\Project Close-out As-Built Plans” folder in PMRS.

ATTACHMENT “A”

STATE	FEDERAL PROJECT NO.
N.J.	NHP-0019(300)

State of New Jersey
Department of Transportation

AS-BUILT *PLANS OF*

ROUTE 19

COLFAX AVENUE (CR 609) TO MARSHALL STREET

CONTRACT NO. 000124190
PAVEMENT RESURFACING

CITIES OF CLIFTON AND PATERSON — **PASSAIC COUNTY**

SCALES AS INDICATED — **JULY 2020** — C.S. 1613

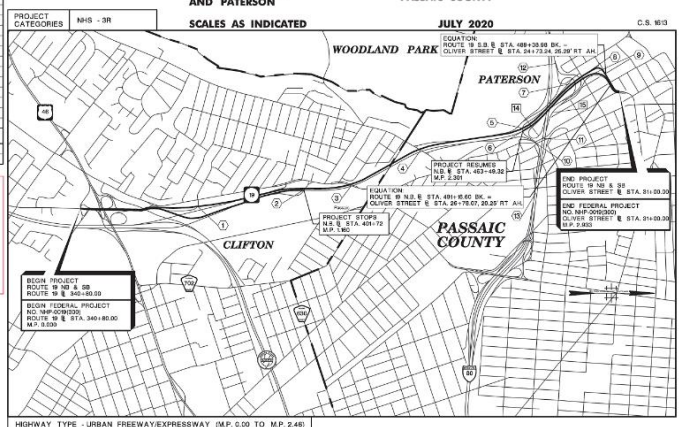
UTILITIES
ALTICE/ CABLEVISION (CABLE)
CITY OF CLIFTON DPW (SANITARY SEWER)
CITY OF PATERSON DPW (SANITARY SEWER)
CITY OF PATERSON (TRAFFIC SIGNALS AND HIGHWAY LIGHTING)
LIGHTOWER (FIBER OPTIC)
NEW JERSEY DEPARTMENT OF TRANSPORTATION (TRAFFIC SIGNALS AND HIGHWAY LIGHTING)
PASSAIC VALLEY WATER COMMISSION (WATER)
PENTA COMMUNICATIONS (FIBER OPTIC)
PUBLIC SERVICE ELECTRIC & GAS (ELECTRIC)
PUBLIC SERVICE ELECTRIC & GAS (GAS)
VERIZON BUSINESS (FIBER OPTIC)
VERIZON NEW JERSEY, INC (TELEPHONE)

BRIDGES IN THIS CONTRACT	
(1)	BRIDGE NO. 1613-152 RAMP A X00900 OVER RT. 19 SB
(2)	BRIDGE NO. 1613-153 RT. 19 OVER RAMP A100900
(3)	BRIDGE NO. 1613-154 RT. 19 OVER BROAD ST.
(4)	BRIDGE NO. 1613-155 VALLEY RD. OVER RT. 19 NB AND SB
(5)	BRIDGE NO. 1613-156 RT. 19 SB OVER RAMP B305850
(6)	BRIDGE NO. 1613-157 RT. 19 NB OVER RAMP B305850
(7)	BRIDGE NO. 1610-175 RAMP X205830 OVER RT. 19 NB AND SB
(8)	BRIDGE NO. 1613-158 RT. 19 SB OVER GRAND ST.
(9)	BRIDGE NO. 1613-159 RT. 19 NB OVER GRAND ST.
(10)	BRIDGE NO. 1610-172 RAMP B105850 OVER MAIN AND MARSHALL STS.
(11)	BRIDGE NO. 1610-171 I-80 EB AND WB OVER MAIN AND MARSHALL STS.
(12)	BRIDGE NO. 1610-157 RAMP Y105800 TO ROUTE I-80 WB
(13)	BRIDGE NO. 1610-159 I-80 EB AND WB OVER NJ TRANSIT & LOCAL STS.
RETAINING WALLS IN THIS CONTRACT	
14	RETAINING WALL, LOCATION 1 - RAMP A105830
15	RETAINING WALL, LOCATION 2 - RAMP X105830

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS PROJECT HAS BEEN CONSTRUCTED IN CONFORMITY WITH THE ORIGINAL PLANS, SPECIFICATIONS AND MODIFICATIONS, IF ANY, AS DESCRIBED IN THE APPROVED CHANGE ORDERS

RE _____ DATE _____

DESIGN TRAFFIC DATA		
A.D.T. (2018) - 2 WAY	=	41,995
A.D.T. (2028) - 2 WAY	=	46,694
A.D.T. (2038) - 2 WAY	=	49,718
D.H.V. (2018) - 2 WAY	=	4,845
D.H.V. (2028) - 2 WAY	=	5,381
D.H.V. (2038) - 2 WAY	=	5,855
D	=	57 %
T	=	11%
V (M.P. 0.00 TO M.P. 0.46)	=	40 M.P.H.
V (M.P. 0.46 TO M.P. 0.95)	=	45 M.P.H.
V (M.P. 0.95 TO M.P. 2.25)	=	60 M.P.H.
V (M.P. 2.25 TO M.P. 2.53)	=	55 M.P.H.
V (M.P. 2.53 TO M.P. 2.85)	=	45 M.P.H.
V (M.P. 2.85 TO M.P. 2.91)	=	30 M.P.H.



KEY MAP

1400' 0 1400' 2800'

LENGTH OF PROJECT ROUTE 19 N.B. = 9,467 LIN. FT. OR 1.793 MILES
LENGTH OF PROJECT ROUTE 19 S.B. = 15,486 LIN. FT. OR 2.933 MILES

TOTAL LENGTH OF FEDERAL PROJECT NO. NHP–0019(300) = 15,486 LIN. FT. OR 2.933 MILES

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	KEY
2-3	ESTIMATE - DISTRIBUTION OF QUANTITIES
4-8	TYPICAL SECTIONS
9-11	PLAN SHEET INDEX
12	CONSTRUCTION LEGEND
13-26	CONSTRUCTION PLANS
27-41	ENVIRONMENTAL & SOIL EROSION AND SEDIMENT CONTROL PLANS
42-45	CURB RAMP LAYOUT DETAILS
46-75	CONSTRUCTION DETAILS
76-84	TIES
85-114	TRAFFIC CONTROL AND STAGING PLANS
115-123	ELECTRICAL PLANS AND TRAFFIC SIGNAL PLANS
124	ELECTRICAL DETAILS
125	TRAFFIC SIGNAL PLANS
126-140	TRAFFIC SIGNING AND STRIPING PLANS
141	KEY PLAN TO STRUCTURES
142	ESTIMATE OF QUANTITIES - BRIDGE
143-157	BRIDGE PLANS

STANDARD ROADWAY CONSTRUCTION - TRAFFIC CONTROL - BRIDGE CONSTRUCTION DETAILS BOOKLET 2016, AND STANDARD ELECTRICAL DETAILS BOOKLET, 2007, ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

MID-POINT OF PROJECT
LONGITUDE: 74° 10' 08" W
LATITUDE: 40° 53' 42" N

Submitted by _____ 6/3/20
Director, Division of Project Management — Date

Approved by _____ 6/5/20
State Transportation Engineer — Date

HDR ENGINEERING, INC.
ERIC YERMACK, P.E.
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE03804600

2007 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO GOVERN

NJDOT Design Services

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