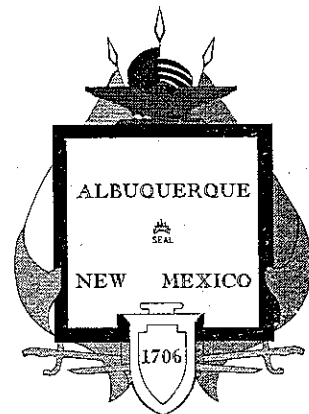
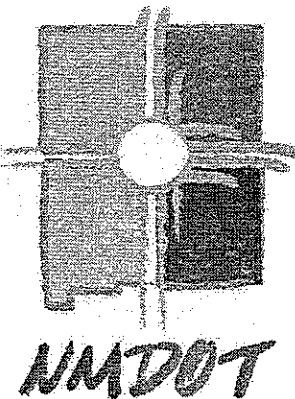


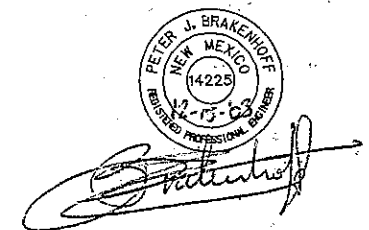
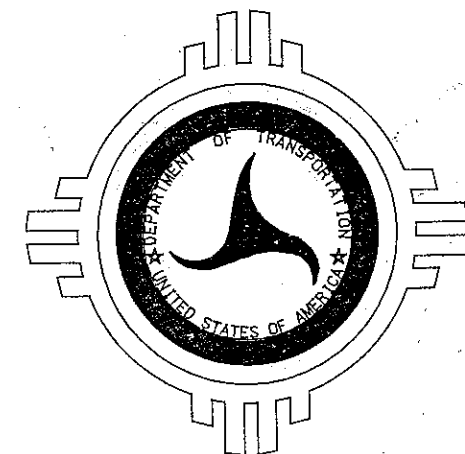
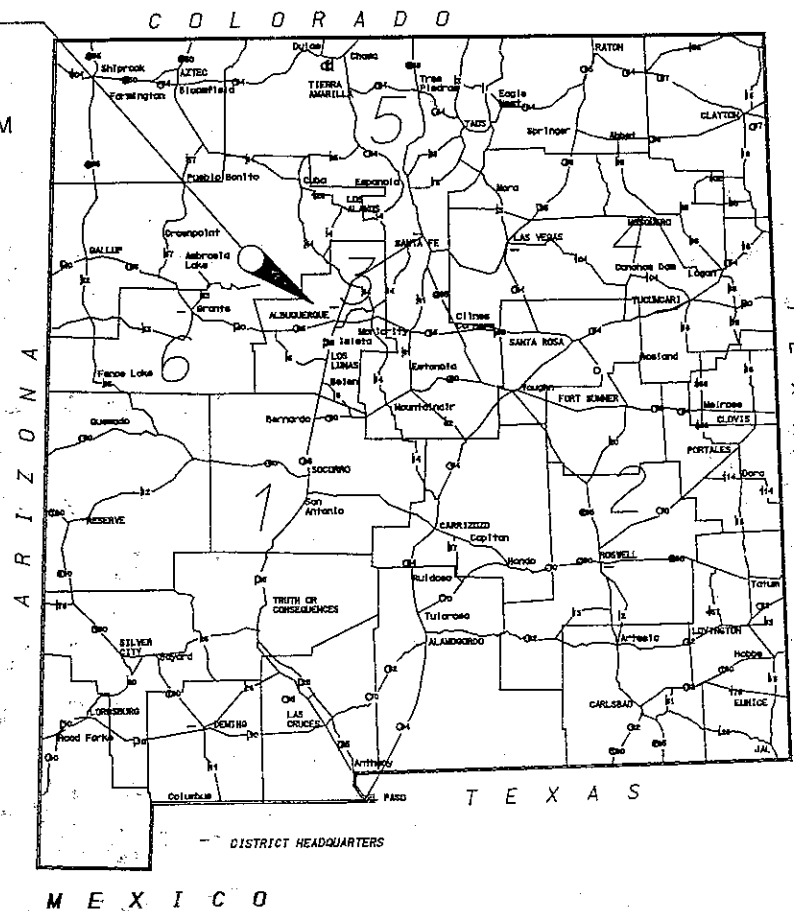
NEW MEXICO
DEPARTMENT OF TRANSPORTATION
**PENNSYLVANIA STREET/
I-40 OVERPASS
CONSTRUCTION PLANS
IM-040-3(12)163
BERNALILLO COUNTY**

CONTROL NO. 3117



IM-040-3(12)163

PENNSYLVANIA STREET BETWEEN
MOUNTAIN ROAD AND
CONSTITUTION AVENUE
& MULTI-USE TRAIL INSTALLATION FROM
EMBUDO ARROYO TO PENNSYLVANIA
STREET



APPROVED:

DESIGN DIVISION DIRECTOR
P.E. NO. 8422

DATE:

RECORD SET

As Submitted To NMDOT

DATE 12-15-2003

NM PROJECT NO. IM-040-3(12)163 SHEET NO. 1-1
CN 3117

COUNTY LINE
LAND GRANT LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
CITY OR TOWN LIMIT
UNFENCED PROPERTY LINE
REFERENCE LINE & POINT
RAILROAD CATTLEGUARD
WIRE FENCE
RAIL FENCE
STONE OR ADOBE FENCE
PICKET FENCE
TELEPHONE-TELEGRAPH LINE
PROTECTION DITCH & DIKE
RETAINING WALL
ARROYO
RIVER OR CREEK
IRRIGATION DITCH
CONCRETE SIDEWALK
PRESENT TRAVELED ROAD
TRAIL
RAILROAD-TITLE PAGE
RAILROAD-PLAN PAGE
ACCESS CONTROL

P.C. 5+52.1
P.T. 6+73.4
SURVEY CENTER LINE

PIPE CULVERT
BOX CULVERT
VERTICAL CURVE

HIGHWAY CATTLEGUARD
BRIDGE
CULVERT
SPILLWAY
HOUSE & VACANT
CHURCH CEMETARY SCHOOL
TOWN-TITLE PAGE

DATUM LINE
GROUND ELEVATION
6112.7
6112.7
6113.7

DATUM LINE
TANGENT ELEVATION
(AT VERTICAL CURVES)

BLUFF OR HILL
SURFACING PIT
TREE
WINDMILL
ARTESIAN WATER
SECTION CORNER
BENCH MARK

BOOK NUMBERS

PLAN 1" = 20' HOR., 1" = 10' VERT.
S C A L E S { PROFILE 1" = 20' HOR., 1" = 10' VERT.
LAYOUT 1" = 20'

MAJOR STRUCTURES
N/A

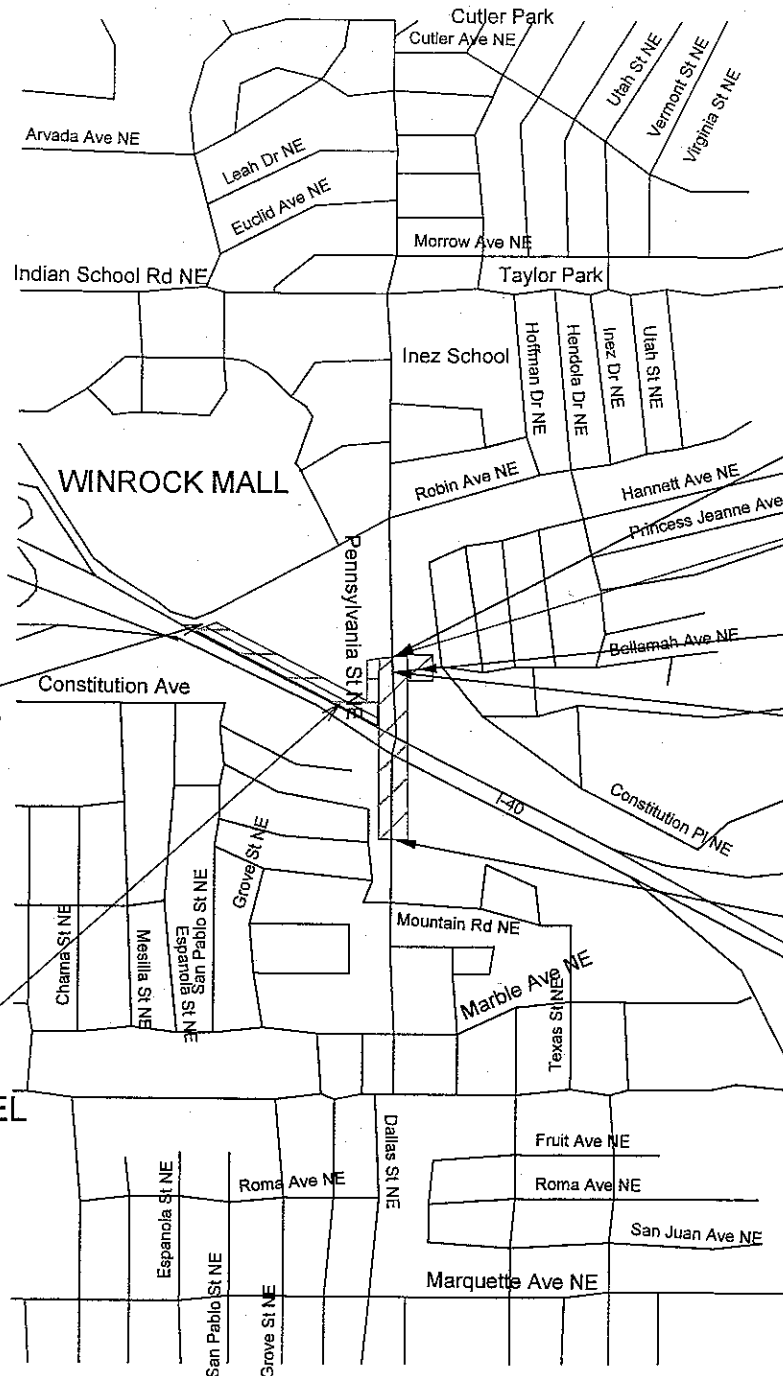
SHIPPING POINTS

SANTA FE

THE 2000 EDITION OF THE NEW MEXICO STATE HIGHWAY
DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY AND
BRIDGE CONSTRUCTION SHALL GOVERN CONSTRUCTION OF
THIS PROJECT.

MULTI-USE TRAIL
B.O.P. STA. 5+17.57

STORM DRAIN OUTFALL
INTO I-40 DRAINAGE CHANNEL
STA. 10+00 TO 19+87.46



VICINITY MAP

PROJECT BEGINS AND ENDS WITHIN TOWNSHIP 10 NORTH,
RANGE 4 EAST, SECTION 18. N.M.P.M.

PENNSYLVANIA STREET
NM PROJECT IM-040-3(12)163, CN 3117
E.O.P. STA. 26+75.00

MULTI-USE TRAIL
E.O.P. STA. 19+15.15

CONSTITUTION AVE.
E.O.P. 13+40.00

CONSTITUTION AVE.
B.O.P. 10+00.00

PENNSYLVANIA STREET
NM PROJECT IM-040-3(12)163, CN 3117
B.O.P. 16+60.00

THESE PLANS WERE DESIGNED
AND ASSEMBLED BY:

**PARSONS
BRINCKERHOFF**

5801 OSUNA ROAD NE
ALBUQUERQUE, NM 87109
CONTACT:
PETER BRAKENHOFF, P.E.
(505)881-5357

DESIGNED BY: AQ	DRAWN BY: LJN	CHECKED BY: PJB
DATE: 11/26/02	DATE: 9/11/03	DATE: 12/15/03

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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO
DEPARTMENT OF TRANSPORTATION

PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION

VICINITY MAP

NM PROJECT NO. IM-040-3(12)163 SHEET NO. 1-2
CN 3117



COVER SHEET			
1-2	VICINITY MAP		
1-3	INDEX OF SHEETS		
1-4	INDEX OF SERIALS		
1-5 to 1-7	SUMMARY OF QUANTITIES		
1-8	GENERAL NOTES/INCIDENTAL ITEMS/SALVAGEABLE ITEMS		
1-9	ENVIRONMENTAL COMMITMENTS		
1-10	CENTERLINE SURVEY CONTROL - PENNSYLVANIA STREET & CONSTITUTION AVENUE		
1-11	CENTERLINE SURVEY CONTROL - MULTI-USE TRAIL		
SUBTOTAL = 11			
2-1	PROJECT OVERVIEW		
2-2	EXISTING TYPICAL SECTIONS		
2-3 to 2-4	PROPOSED TYPICAL SECTIONS		
2-5	MULTI-USE TRAIL TYPICAL SECTIONS		
2-6	SURFACING SCHEDULE		
2-7	PARTICIPATING ESTIMATED STRUCTURE QUANTITIES		
2-8	NON-PARTICIPATING ESTIMATED STRUCTURE QUANTITIES		
2-9 to 2-11	MISCELLANEOUS QUANTITIES		
2-12 to 2-13	MISCELLANEOUS GEOMETRICAL DETAILS		
2-14 to 2-27	MISCELLANEOUS DETAILS		
2-28	MULTI-USE TRAIL RETAINING WALL DETAILS		
2-29	MULTI-USE TRAIL RETAINING WALL SOLDIER PILE WALL		
2-30 to 2-31	JUNCTION BOX DETAILS		
2-32	MANHOLE TYPE "E"		
2-33	CHANNEL OPTIONS AND DETAILS		
2-34 to 2-37	TEMPORARY EROSION AND SEDIMENT CONTROL PLANS		
2-38 to 2-44	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD DRAWINGS		
2-45 to 2-50	ADA STANDARD DRAWINGS		
SUBTOTAL = 50			
3-1 to 3-3	PENNSYLVANIA STREET PLAN & PROFILE		
3-4	CONSTITUTION AVENUE PLAN & PROFILE		
3-5 to 3-7	MULTI-USE TRAIL PLAN & PROFILE		
SUBTOTAL = 7			
4-1 to 4-3	DRIVEPAD PROFILES		
SUBTOTAL = 3			
5A-1 to 5A-30	ALTERNATE 1 BRIDGE PLANS		
5B-1 to 5B-31	ALTERNATE 2 BRIDGE PLANS		
SUBTOTAL = 63			
6-1 to 6-2	TRAFFIC CONTROL SIGN FACE DETAILS		
6-3	TRAFFIC CONTROL GENERAL NOTES		
6-4	CONSTRUCTION SEQUENCING		
6-5	TYPICAL B.O.P. AND E.O.P. SIGNING		
6-6	INTERSTATE CLOSURE DETAILS		
6-7	INSIDE LANES AND OUTSIDE LANES ONE LANE CLOSURES INTERSTATE 40		
6-8	ALTERNATE ROUTE AND I-40 DETOUR PLAN		
6-9	TYPICAL PENNSYLVANIA STREET CLOSURE PHASE 1A		
6-10	TYPICAL PENNSYLVANIA & CONSTITUTION STREET CLOSURES PHASE 1A		
6-11	TYPICAL PENNSYLVANIA & CONSTITUTION STREET CLOSURES PHASE 1B		
6-12	DETOUR PLAN PHASE 1B		
6-13	TYPICAL PENNSYLVANIA & CONSTITUTION STREET CLOSURES PHASE 1C		
6-14	TYPICAL SIDEWALK CLOSURE SIGNING		
6-15	TRAFFIC CONTROL SIGNING QUANTITIES		
6-16	TRAFFIC CONTROL SUMMARY OF QUANTITIES		
SUBTOTAL = 16			

SHEET NO.	DESCRIPTION	REV. DATE	SERIAL
7-1	PERMANENT SIGNING & STRIPING PLAN PENNSYLVANIA STREET		
7-2 to 7-3	PERMANENT SIGNING & STRIPING PLAN MULTI-USE TRAIL		
7-4	SIGN FACE DETAILS		
7-5	STRIPING DETAILS		
7-6 to 7-7	PERMANENT SIGNING & STRIPING PLAN QUANTITIES		
SUBTOTAL = 7			
8-1	ROADWAY LIGHTING NOTES, QUANTITIES, LEGEND & INCIDENTAL ITEMS		
8-2 to 8-3	LIGHTING PLAN		
8-4	ROADWAY LIGHTING TYPE "V" STANDARDS		
8-5	ROADWAY LIGHTING FOUNDATION AND BASE DETAILS		
8-6	ROADWAY LIGHTING ELECTRICAL SERVICE DETAILS		
8-7	ROADWAY LIGHTING CONTROL CABINET SIX CIRCUIT UNMETERED		
SUBTOTAL = 7			
9-1	TRAFFIC SIGNALS GENERAL NOTES & LEGEND		
9-2 to 9-3	TRAFFIC SIGNALS ESTIMATED QUANTITIES & INCIDENTAL ITEMS		
9-4 to 9-5	PENNSYLVANIA/CONSTITUTION SIGNAL PLAN		
9-6	TRAFFIC SIGNAL ELECTRICAL SERVICE DETAILS		
9-7	METER PEDESTAL DETAILS FOR SIGNALS		
9-8	MISCELLANEOUS DETAILS		
9-9	TRAFFIC SIGNAL FOUNDATION DETAILS, TYPE II & TYPE III STANDARDS		
9-10	CABINET & PEDESTAL FOUNDATION DETAILS		
9-11	PULL BOX DETAILS		
9-12	OPTICAL DETECTOR		
9-13	TRAFFIC MANHOLE & SPLICE CABINET DETAILS		
9-14	OPTICAL DETECTOR WIRING DETAILS		
9-15	MASTARM DETAILS TYPE III STANDARD		
9-16	TYPE III STANDARD MISCELLANEOUS DETAILS		
9-17	OPTICAL DETECTION PLAN EAST-WEST AND NORTH-SOUTH		
9-18	MACHINE VISION VEHICLE DETECTOR SYSTEMS		
SUBTOTAL = 18			
10-1 to 10-2	STORM DRAIN PLAN & PROFILE		
10-3	STORM DRAIN INLET DETAILS		
10-4 to 10-6	DRAINAGE CHANNEL PLAN & PROFILE		
SUBTOTAL = 6			
11-1 to 11-3	PENNSYLVANIA STREET EXISTING UTILITIES PLANS		
11-4 to 11-6	MULTI-USE TRAIL EXISTING UTILITIES PLANS		
SUBTOTAL = 6			
12-1 to 12-13	PENNSYLVANIA STREET CROSS SECTIONS (UNDER SEPARATE COVER)		
12-14 to 12-25	MULTI-USE TRAIL CROSS SECTIONS (UNDER SEPARATE COVER)		
12-26 to 12-27	CONSTITUTION AVENUE CROSS SECTIONS (UNDER SEPARATE COVER)		
12-28 to 12-32	CHANNEL CROSS SECTIONS (UNDER SEPARATE COVER)		
SUBTOTAL = 32			
TOTAL = 226			



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO
DEPARTMENT OF TRANSPORTATION

PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION

INDEX OF SHEETS

DESIGNED BY: AQ	DRAWN BY: AQ	CHECKED BY: PJB
DATE: 9/15/03	DATE: 12/11/03	DATE: 12/15/03

NM PROJECT NO. IM-040-3(12)163 SHEET NO. 1-3
CN 3117

INDEX OF SERIALS

STANDARD DRAWING	DESCRIPTION	DATE	REMARKS
	BRIDGE		
BJS-001	SYSTEM I BRIDGE JOINT STRIP SEALS	10/28/1999	
	GENERAL DATA		
BJS-002	SYSTEM I BRIDGE JOINT STRIP SEALS	10/28/1999	
	TYPE "A" INSTALLATION		
BJS-003	SYSTEM I BRIDGE JOINT STRIP SEALS	10/28/1999	
	TYPE "B" INSTALLATION		
DRAWING-055	POLYMER BRIDGE JOINT SEALS SYSTEM 2	11/5/1996	
BBR-42-1/5	42 IN. BRIDGE BARRIER RAILING GENERAL DETAILS	2/19/2002	
	(For single slope barrier installation)		
BBR-42-2/5	42 IN. BRIDGE BARRIER RAILING STANDARD SECTION AND DETAILS	2/19/2002	
	(For single slope barrier installation)		
BBR-42-3/5	42 IN. BRIDGE BARRIER RAILING TRANSITION SECTION DETAILS	2/19/2002	
	(For single slope barrier installation)		
BBR-42-4/5	42 IN. BRIDGE BARRIER RAILING DETAILS AT JOINT SEALS	2/19/2002	
	(For single slope barrier installation)		
BBR-42-4/5	42 IN. DOWEL ASSEMBLY FOR EXPANSION JOINTS IN CONCRETE	2/19/2002	
	WALL BARRIER & CONCRETE BARRIER RAILING		
	(For single slope barrier installation)		
DRAWING-053	PEDESTRIAN SCREENING FENCE TYPE 2	10/15/1996	
BSP-001-01	SLOPE PAVEMENT DETAILS AT BRIDGE	6/6/1994	
BEB-001-04	EXCAVATING & BACKFILL FOR BRIDGES WALLS & CBC'S	11/7/1980	
	ROADWAY		
PJD-001-1/2	PCCP JOINT DETAILS	1/18/2000	
SN-75-1-1/2	SMALL SIGN SUPPORT INSTALLATION DETAILS	9/20/1999	
SN-75-1-2/2	SMALL SIGN SUPPORT INSTALLATION DETAILS	9/20/1999	
SN-75-02-1/2	ALUMINUM PANEL SIGN DETAILS	5/20/1993	
SN-75-02-2/2	ALUMINUM PANEL SIGN DETAILS	5/20/1993	
*PAD-001-1/8	PEDESTRIAN ACCESS DETAILS TYPICAL CURB RAMPS	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
*PAD-001-2/8	PEDESTRIAN ACCESS DETAILS CURB RAMP DETAILS TYPE "A", TYPE "A" MODIFIED, & TYPE "B"	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
*PAD-001-3/8	PEDESTRIAN ACCESS DETAILS MEDIAN CUT DETAILS TYPE "C" & TYPE "C" MODIFIED	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
*PAD-001-4/8	PEDESTRIAN ACCESS DETAILS CURB RAMP DETAILS TYPE "D" TYPE "D" MODIFIED, & TYPE "E"	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
*PAD-001-5/8	PEDESTRIAN ACCESS DETAILS TYPICAL DRIVEWAY/DRIVEPAD APRONS ISOMETRIC VIEWS	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
*PAD-001-8/8	DETECTABLE WARNING SURFACE	6/19/2003	INCLUDED IN SECTION 2 OF PLANS
BSCG-001	SIDEWALK, CURB AND GUTTER	6/6/1994	



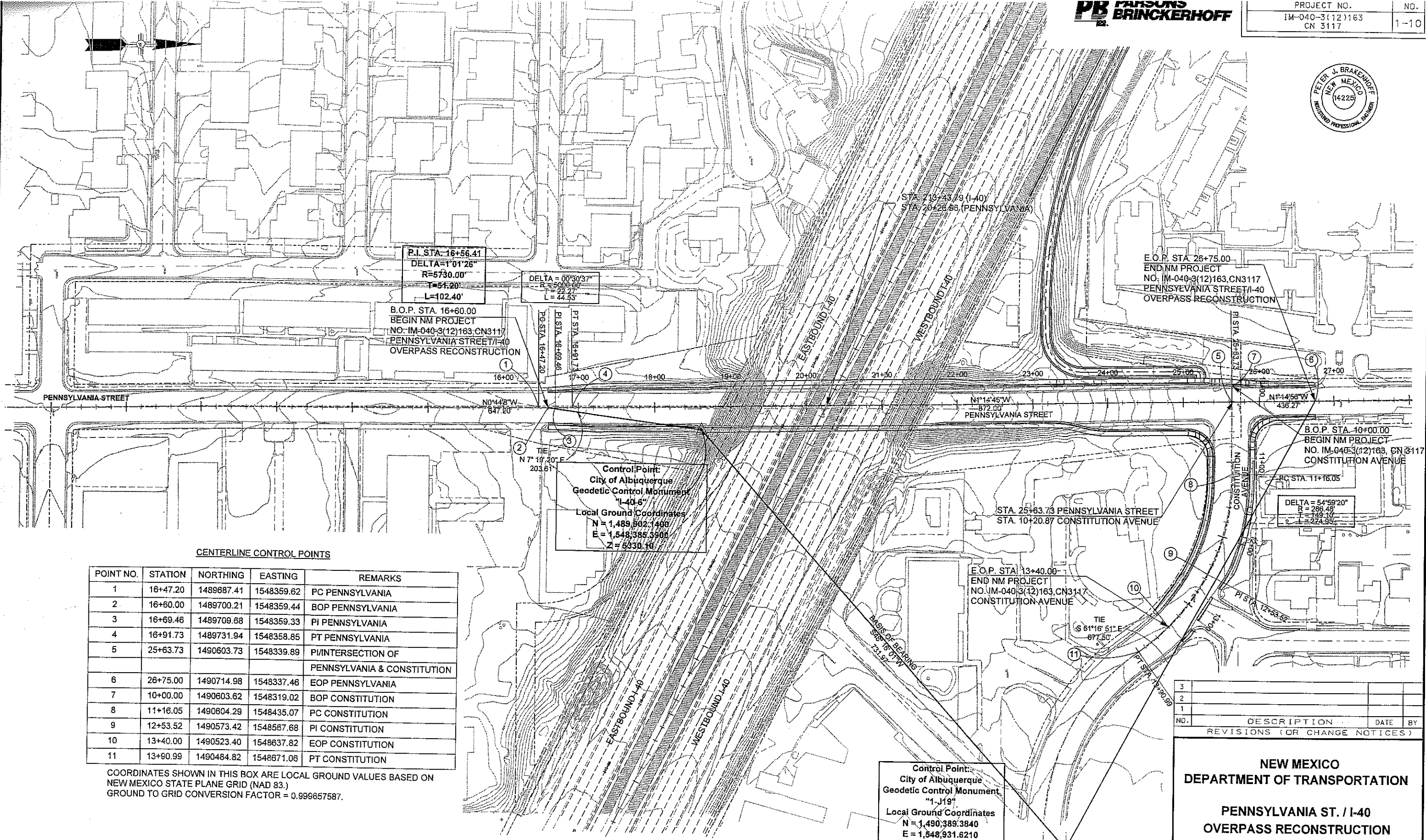
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO
DEPARTMENT OF TRANSPORTATION

PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION

INDEX OF SERIALS

DESIGNED BY: AQ	DRAWN BY: AQ	CHECKED BY: PJB
DATE: 9/15/03	DATE: 9/15/03	DATE: 12/15/03



CENTERLINE CONTROL POINTS

POINT NO.	STATION	NORTHING	EASTING	REMARKS
1	16+47.20	1489687.41	1548359.62	PC PENNSYLVANIA
2	16+60.00	1489700.21	1548359.44	BOP PENNSYLVANIA
3	16+69.46	1489709.68	1548359.33	PI PENNSYLVANIA
4	16+91.73	1489731.94	1548358.85	PT PENNSYLVANIA
5	25+63.73	1490603.73	1548339.89	PI/INTERSECTION OF PENNSYLVANIA & CONSTITUTION
6	26+75.00	1490714.98	1548337.46	EOP PENNSYLVANIA
7	10+00.00	1490603.62	1548319.02	BOP CONSTITUTION
8	11+16.05	1490604.29	1548435.07	PC CONSTITUTION
9	12+53.52	1490573.42	1548567.68	PI CONSTITUTION
10	13+40.00	1490523.40	1548637.82	EOP CONSTITUTION
11	13+90.99	1490484.82	1548671.06	PT CONSTITUTION

COORDINATES SHOWN IN THIS BOX ARE LOCAL GROUND VALUES BASED ON
NEW MEXICO STATE PLANE GRID (NAD 83.)
GROUND TO GRID CONVERSION FACTOR = 0.999657587.

SCALE: 1"=60'

Control Point:
City of Albuquerque
Geodetic Control Monument
"1-119"
Local Ground Coordinates
N = 1,490,389.3840
E = 1,548,931.6210
Z = 5320.05
(BASIS OF ELEVATION)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION

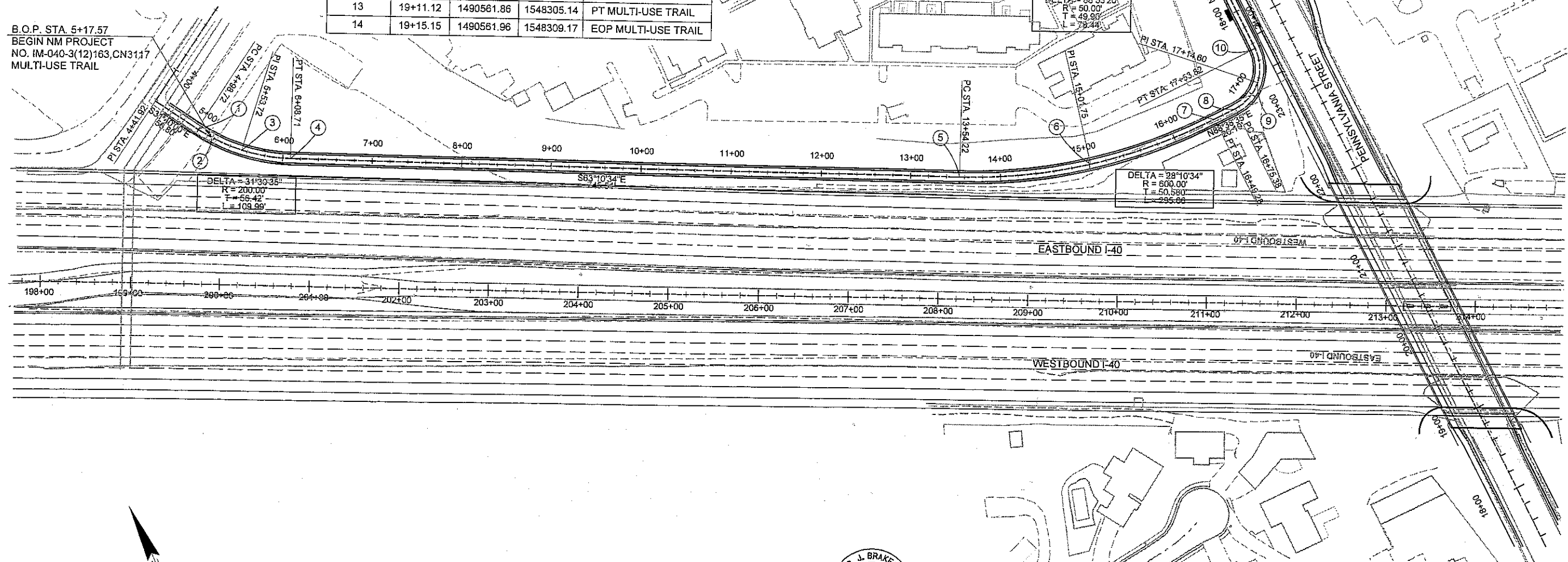
PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION

CENTERLINE SURVEY CONTROL
PENNSYLVANIA STREET &
CONSTITUTION AVENUE

DESIGNED BY: AQ	DRAWN BY: LJN	CHECKED BY: PJB
DATE: 11/26/02	DATE: 9/11/03	DATE: 12/15/03

POINT NO.	STATION	NORTHING	EASTING	REMARKS
1	4+98.72	1490829.89	1547198.39	PC MULTI-USE TRAIL
2	5+17.57	1490814.34	1547209.03	BOP MULTI-USE TRAIL
3	5+53.72	1490787.62	1547233.29	PI MULTI-USE TRAIL
4	6+08.71	1490756.41	1547278.36	PT MULTI-USE TRAIL
5	13+54.22	1490419.99	1547943.66	PC MULTI-USE TRAIL
6	15+01.75	1490370.21	1548082.14	PI MULTI-USE TRAIL
7	16+49.28	1490355.63	1548228.57	PT MULTI-USE TRAIL
8	16+75.38	1490356.24	1548254.72	PC MULTI-USE TRAIL
9	17+14.60	1490371.69	1548289.69	PI MULTI-USE TRAIL
10	17+53.82	1490407.32	1548303.53	PT MULTI-USE TRAIL
11	19+03.29	1490556.75	1548300.28	PC MULTI-USE TRAIL
12	19+07.20	1490560.31	1548301.66	PI MULTI-USE TRAIL
13	19+11.12	1490561.86	1548305.14	PT MULTI-USE TRAIL
14	19+15.15	1490561.96	1548309.17	EOP MULTI-USE TRAIL

B.O.P. STA. 5+17.57
BEGIN NM PROJECT
NO. IM-040-3(12)163, CN3117
MULTI-USE TRAIL



SCALE: 1"=60'

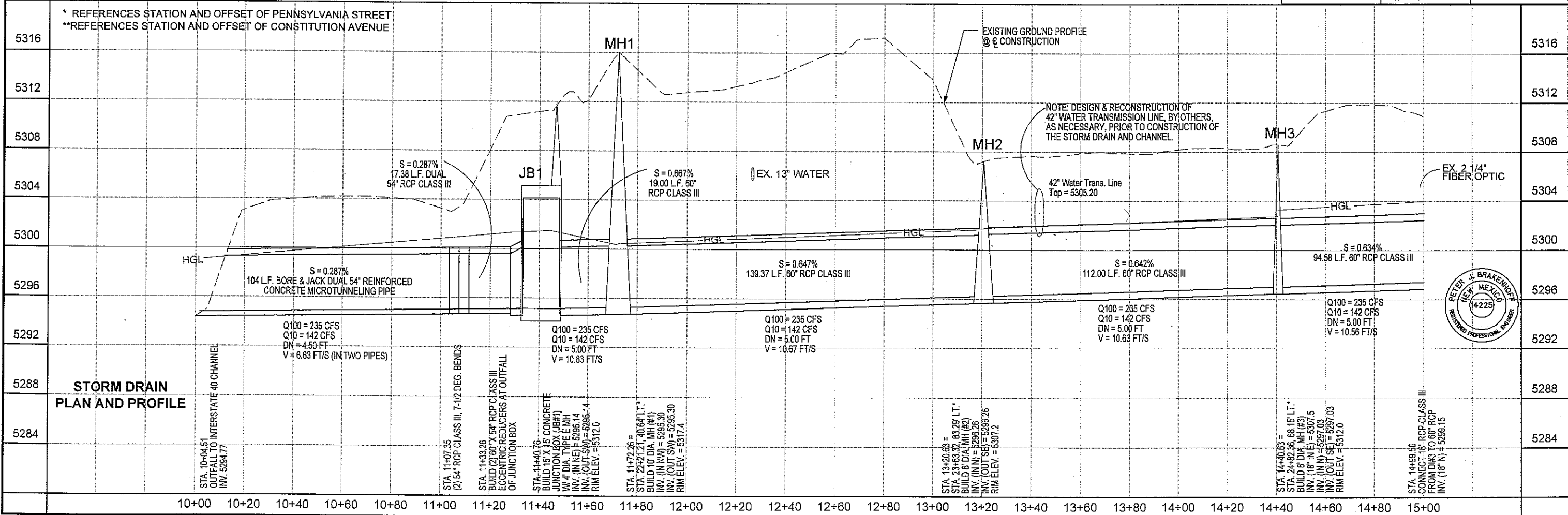
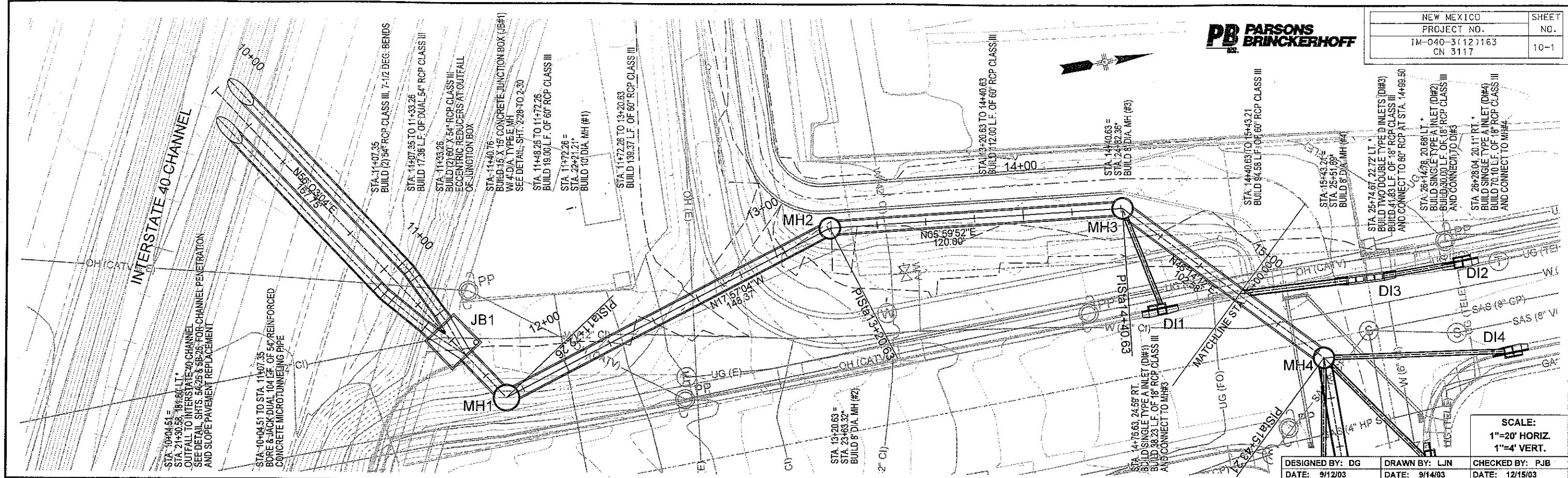
DESIGNED BY: AQ	DRAWN BY: L.J.N.	CHECKED BY: P.J.B.
DATE: 11/26/02	DATE: 9/11/03	DATE: 12/15/03

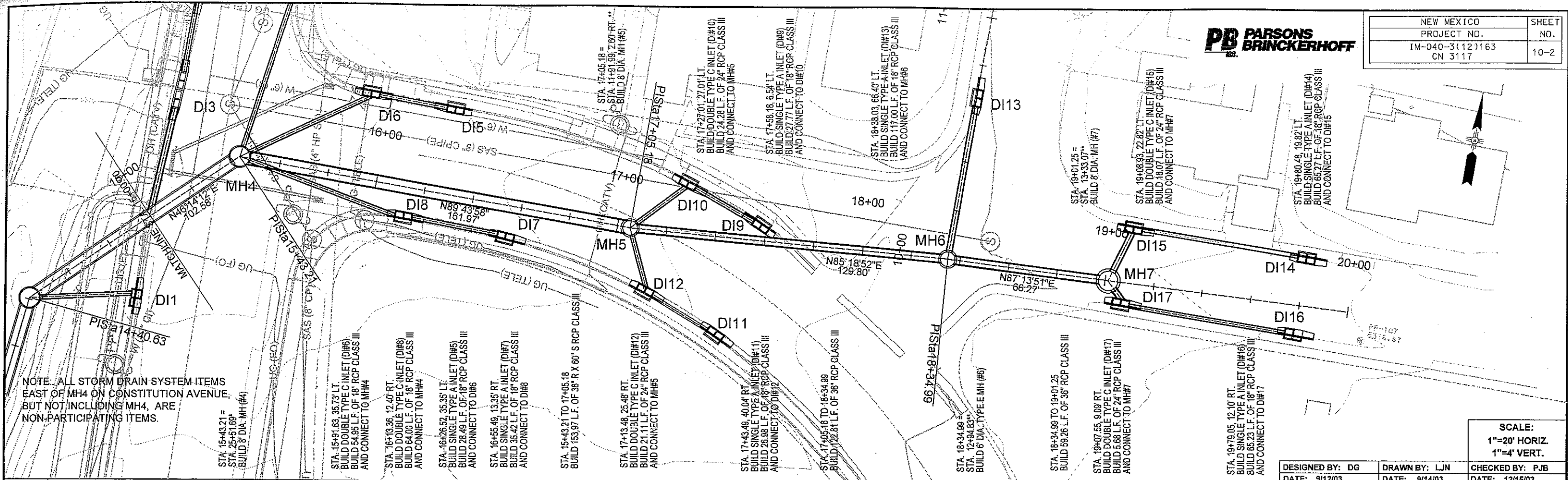
NO.	DESCRIPTION	DATE	BY
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**NEW MEXICO
DEPARTMENT OF TRANSPORTATION**

**PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION**

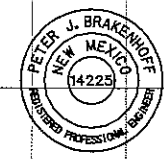
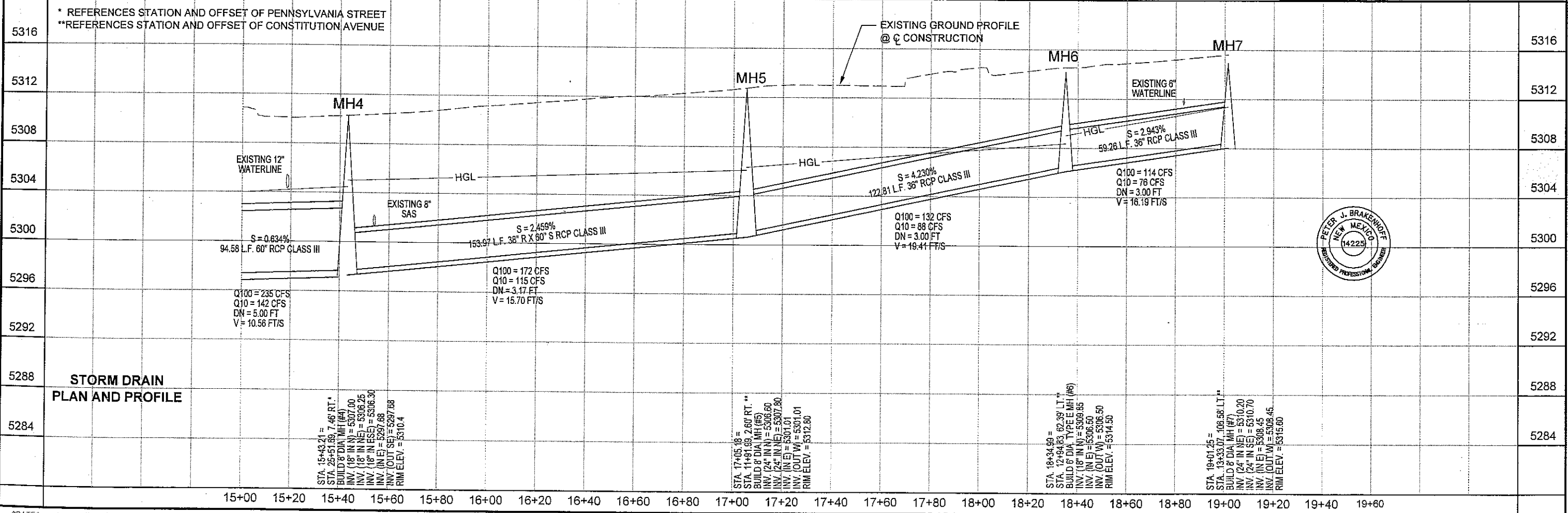
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MULTI-USE TRAIL**

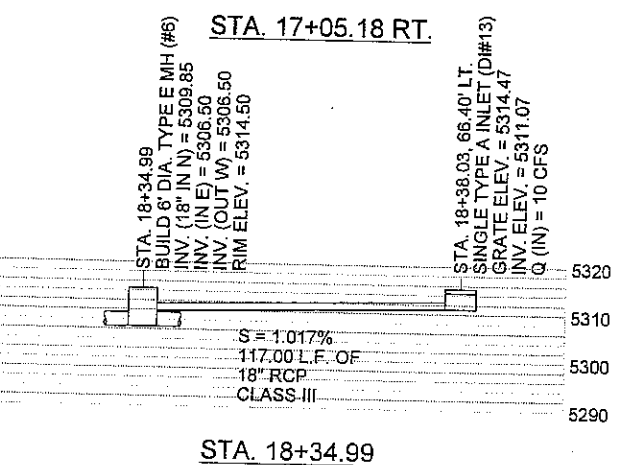
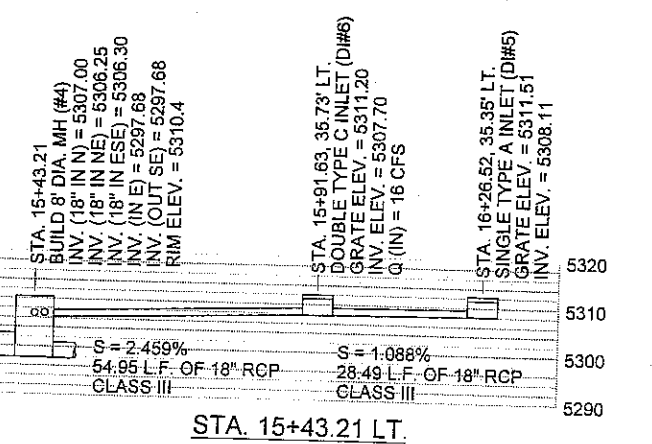
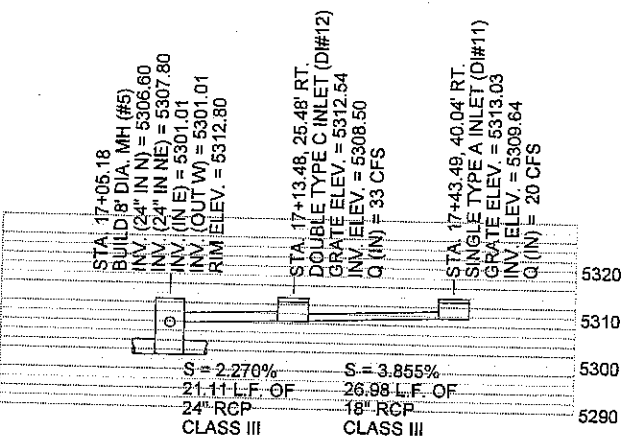
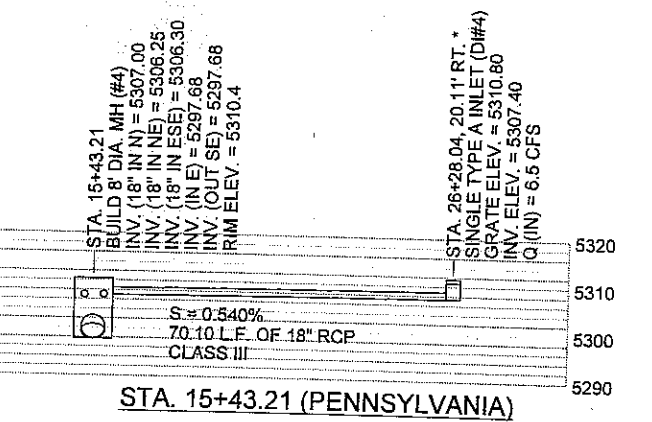
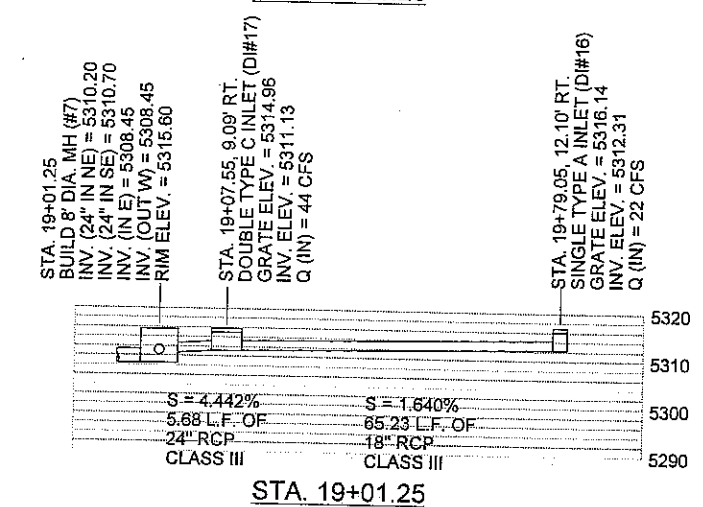
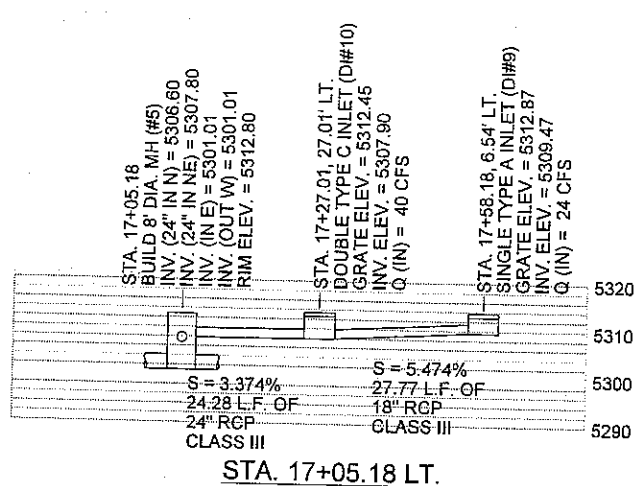
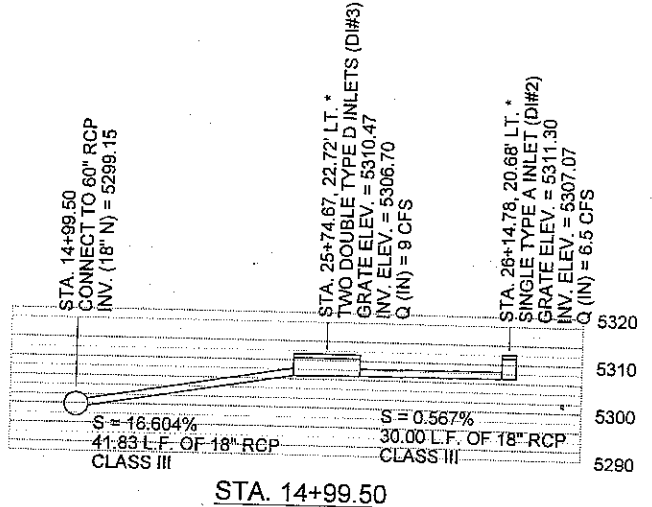
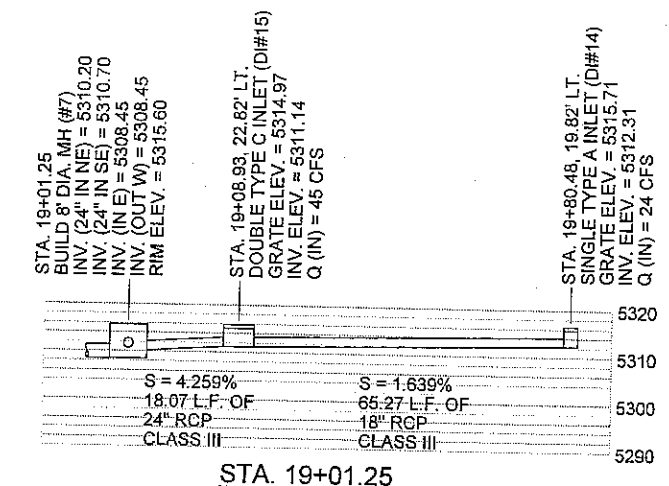
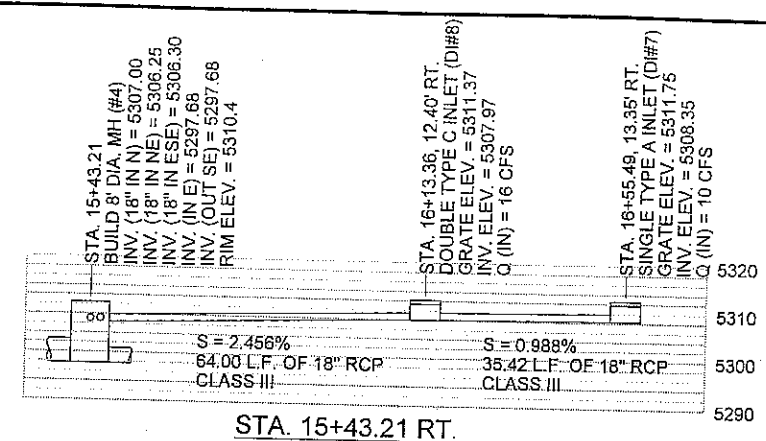
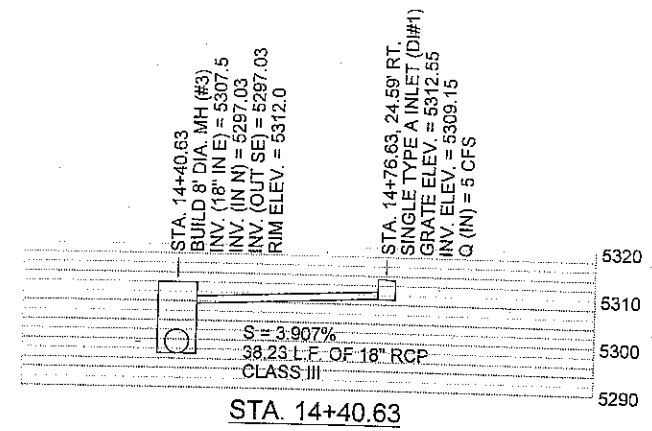




SCALE:
1"=20' HORIZ.
1"=4' VERT.

DESIGNED BY: DG DATE: 9/12/03	DRAWN BY: LJN DATE: 9/14/03	CHECKED BY: PJB DATE: 12/15/03
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* REFERENCES STATION AND OFFSET OF PENNSYLVANIA STREET
** REFERENCES STATION AND OFFSET OF CONSTITUTION AVENUE

NOT TO SCALE



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REVISIONS (OR CHANGE NOTICES)			

NEW MEXICO
DEPARTMENT OF TRANSPORTATION

PENNSYLVANIA ST. / I-40
OVERPASS RECONSTRUCTION

STORM DRAIN
INLET DETAILS

DESIGNED BY: DG	DRAWN BY: LJN	CHECKED BY: PJB
DATE: 9/12/03	DATE: 9/14/03	DATE: 12/15/03